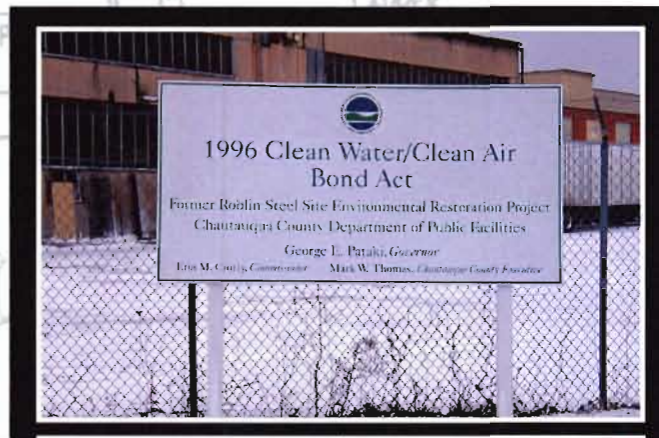




DRAFT SITE INVESTIGATION REPORT (SIR)

FOR THE
FORMER ROBLIN STEEL SITE
(NYSDEC SITE NO. B00173-9)
320 SOUTH ROBERTS ROAD
CITY OF DUNKIRK
CHAUTAUQUA COUNTY, NEW YORK



PREPARED FOR:
CHAUTAUQUA COUNTY DEPARTMENT OF PUBLIC FACILITIES
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Falconer, New York 14733

May 2003

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0020006

MAY 2003

**SI/RAR OF FORMER ROBLIN STEEL SITE
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1.0 INTRODUCTION

1.1 General Discussion

Chautauqua County entered into a State Assistance Contract with the New York State Department of Environmental Conservation (NYSDEC) to complete a Site Investigation/Remedial Alternatives Report (SI/RAR) for the former Roblin Steel site located at 320 South Roberts Road in the City of Dunkirk, Chautauqua County, New York (Figure 1). The SI was completed pursuant to the Environmental Restoration, or Brownfield Program, component of Title 5 of the Clean Water/Clean Air Bond Act of 1996, administered by the NYSDEC. The purpose of the SI/RAR program outlined herein was to characterize the nature and extent of contamination occurring on, and emanating from, the project site, and to develop and evaluate remedial alternatives, as appropriate.

The Site Investigation of the Former Roblin Steel Site was a multi-phased investigation process that was performed in the summer of 2002 and the winter of 2003. The initial site investigation identified multiple areas of concern on the project site. An Interim Remedial Measures (IRM) approach was subsequently recommended to expedite the potential redevelopment of the project site. Following the identification of the initial areas of concern, a Supplemental Site Investigation was performed to further define the vertical and lateral extent of contamination in each area to determine if a IRM approach is feasible.

TVGA has prepared this report on behalf of Chautauqua County to provide a detailed description of the site investigation phase of the SI/RAR program implemented at the former Roblin Steel site. In addition to summarizing and documenting the methods used to investigate the site, this Site Investigation Report describes the physical characteristics of the site; defines the nature and extent of contamination encountered; assesses the contamination with respect to fate, transport and exposure; and identifies and defines the operable units that will be subject to Interim Remedial Measures (IRM) on the project site. A preliminary list of the operable units and the proposed IRM approach for each unit is discussed in subsequent sections of this report and will be discussed in detail in IRM Work Plan.

1.2 Site Background and Physical Setting

1.2.1 Site Description

The project site is located along the eastern side of South Roberts Road in the City of Dunkirk, New York and occupies approximately 12-acres of an inactive industrial park. The project site contains a former facility building that encompasses approximately 88,500 square feet (SF) (see Figure 2). The former process equipment has been removed from the site, however, a number of steel storage bins, wooden pallets, a dilapidated dump truck, and various wood and metal scraps remain inside the building. The external areas of the project site consists of a mixture of fill, soil, concrete, wood,

brick, metal and construction and demolition debris piles; and several concrete foundations. (Some of the debris piles were recently removed by the County and disposed of at the Ellery Landfill after receiving permission to do so by the NYSDEC.)

The adjoining properties located in this park include the former Alumax Extrusions site and the Edgewood Warehouse site. Over 85 years ago, all three of these sites were developed as part of a larger industrial complex operated by the American Locomotive Company (ALCO). The former Roblin Steel Site was most recently occupied by a rolling mill that was closed, dismantled and partially demolished in the late 1980's. Since that time, the former Roblin Steel Site has been vacant.

Chautauqua County acquired the parcels that contain the project site via tax foreclosure on December 20, 2001. The location and configuration of the tax parcels containing the project site are depicted on a tax map excerpt included as Figure 3. The project site consists of three parcels possessing the following section block and lot (SBL) numbers: 30-1-7.2.2, 30-1-8, and 30-1-10.1 assigned to them by the City of Dunkirk Assessor.

The project site is located in an area that is zoned for industrial use. Land use in the site vicinity is characterized by a mixture of commercial, industrial and residential uses. The project site is bounded to the north by an active CSX rail yard; to the east by active Norfolk Southern railroad tracks; to the south by the former Alumax Extrusions site; and to the west by the Edgewood Warehouse site. Residential properties are situated to the northwest and south of the project site beyond the adjoining properties. Additionally, mixed commercial and light industrial properties are located to the north and west of the project site, while an undeveloped wooded area and Hyde Creek are located to the east.

1.2.2 Physical Setting

The topography of the majority of the site is flat with a gentle slope downward to the north. The site has an elevation that ranges between 600 and 605 feet above mean sea level (AMSL) based upon the USGS topographic mapping of the area.

The project site is located in the Erie-Ontario Lowlands physiographic province. This province is characterized by a series of low relief plains separated by higher relief escarpments. The plains are covered by sheets of glacial till and lacustrine deposits consisting primarily of silt and clay.

Based upon a review of the *Soil Survey of Chautauqua County, New York*, the predominant soil unit occurring on the project site is the Niagara silt loam, 0-3% slopes. The Niagara soils consist of very deep, somewhat poorly drained, nearly level soils on lake plains and to a lesser extent on broad flats in the larger valleys.

Based upon a review of the *Surficial Geologic Map of New York – Niagara Sheet (1988)*, the overburden on-site consists of lacustrine silt and clay deposits. These deposits are characterized as generally laminated silt and clay, deposited in proglacial lakes. The site

is underlain by bedrock consisting of Gowanda, South Wales and Dunkirk Shales belonging to the Canadaway Group according to the *Geologic Map of New York – Niagara Sheet* (1970).

The results of this site investigation indicate that fill material consisting of slag, foundry sand, soil, gravel, brick and concrete is present across the project site and extends from the ground surface to depths ranging from approximately 2-7 feet. Native soil underlies the fill and consists of a heterogeneous mixture of fine-grained glacial deposits ranging from clayey silts to silty clay units with varying percentages of sand and gravel. The glacial deposits are generally comprised of an upper, laminated lacustrine unit underlain by a thin till unit that unconformably overlies shale bedrock, which occurs at approximate depths ranging from 2-15 feet below the ground surface. The bedrock surface slopes generally to the north over the majority of the site, with a dip to the southwest on the western side of the site. Bedrock core samples taken during the site investigation indicated that the upper most 3 to 5 feet of bedrock is slightly to severely weathered and consists mainly of a dark gray to gray shale.

No surface water bodies occur on the project site, which is located within the Lake Erie-St. Lawrence River system, and locally within the drainage area of Hyde Creek. Hyde Creek is located approximately 100' from the northeast corner of the project site, and flows in a northwesterly direction towards Middle Road where it enters a City storm sewer that eventually discharges to Lake Erie at the foot of Serval Street. Hyde Creek is a Class C stream according to 6 NYCRR Part 839. The best usage of Class C waters is fishing, and the water quality is considered to be suitable for primary and secondary contact recreation.

Storm water runoff occurring on the project site that does not percolate into the subsurface generally flows to the northwest. One confirmed catch basin located approximately 25 feet west of the existing building still exists on the subject property. This catch basin discharges to the city storm sewer system. A review of the Flood Insurance Rate Map developed for the project vicinity by the Federal Emergency Management Agency, indicated that the property is not located within a 100 year flood plain.

The upper-most water bearing zone occurs within the overburden/fill soils. The direction of groundwater flow varies across the project site. Groundwater flow north of the building is generally to the north and northwest towards the discharge area represented by Lake Erie. East of the building groundwater flow is to the northeast towards Hyde Creek. However, localized variations in groundwater flow direction likely occur in the vicinity of utility lines, building foundations and other undefined subsurface features, and Hyde Creek, based on field data.

The project site and surrounding residences and businesses within the City of Dunkirk are serviced by the municipal water supply system that relies upon water withdrawn from Lake Erie.

1.2.3 Site History

The project site was first developed in 1910 as part of a larger locomotive manufacturing complex operated by the American Locomotive Company (ALCO). This complex included the original Brooks Locomotive Works constructed in the 1860's on the west side of S. Roberts Road. The complex also included the industrial properties that abut the project site to the west and south, which currently contain the Edgewood Warehouse and former Alumax Extrusions plant, respectively (Figure 1A). ALCO manufactured locomotives at this complex until 1930, at which time it was converted to manufacture process equipment primarily consisting of heat exchangers, feed water heaters, tunnel shields, pressure vessels and steel pipe, fittings and conduits. The portion of the complex situated west of South Roberts Road was largely demolished in 1936, and ALCO's operations were concentrated on the project site and abutting properties thereafter until closure of the plant in 1962.

An historical site plan of the ALCO plant from the 1930's indicates that the project site was occupied by two buildings, one of which appears to represent a portion of the existing on-site structure (Figure 4). The northern-most building, which is no longer present, contained the boiler shop, while the central portion of the existing on-site structure was operated as a pipe dipping shop and the eastern half housed a crane runway. Also depicted on these historical plans in the area of the western portion of the existing structure was an oil cellar, which is labeled as abandoned on historical plans from the 1950's. Additionally, the northeast corner of the site was formerly used as a fuel oil storage area, and pickling tank area. The 1930's plans indicated that three 157,000 gallon above ground fuel oil storage and three pickling tanks were once located on this corner of the site.

In 1938, an easement to install a drainpipe across the Erie Railroad right-of-way (ROW) was granted to the American Locomotive Co. The steel casing pipe conveyed stormwater under the railroad ROW to Hyde Creek (Figure 5).

During and after World War II, manufacturing operations at the plant were expanded to include military equipment. This equipment included gun carriages, fragmentation bombs, thrust shafts and king posts for navel vessels, missile housings, nozzles, boosters, and other components.

Historical site plans from the 1950's and 1960's indicate that the subject property contained a plate shop wherein the manufacturing of pressure vessels and heavy fabricated plate equipment was conducted, as well as facilities for the manufacturing and hydrostatic testing of large diameter municipal water pipes. These plans indicate that the existing building was utilized for the application of corrosion preventative coatings to municipal water pipes; and, following its expansion, missile fabrication and heat treating. Other facilities located on the project site during this time period included furnaces for the heat treatment of pressure vessels, and several areas containing x-ray equipment for the non-destructive examination of fabricated equipment (Figures 6 and 7).

Following the war, ALCO was contracted by the Atomic Energy Commission to manufacture nuclear reactor components and packaged reactor units. Work on nuclear reactors at the Dunkirk plant included the development, production and testing of a skid-mounted, portable nuclear power reactor, built to power a remote Army base on the Greenland icecap. However, it is not clear whether nuclear fuel was ever stored or utilized at the Dunkirk plant. In addition to the nuclear reactor, ALCO manufactured components for the crawler for the Apollo/Saturn V space rocket. In connection with these operations, ALCO maintained radiological sources at the Dunkirk plant that were used to inspect the integrity of welds on nuclear reactor and missile components. An undated article by the Chief Inspector of the Dunkirk plant indicated that the radiographic inspection setup consisted of five machines ranging from 140-kv to 1000-kv. The article also indicated that Cobalt 60 was used in an outdoor area of the site on rare occasions.

After its closure, the ALCO complex was purchased by Progress Park in 1963, whose mission was to facilitate the re-occupation of the complex by new industrial concerns. The Roblin Steel Company acquired the project site in 1969, with the exception of the South Bay area that was briefly owned by Allegheny Ludlum. In 1984, the Roblin Steel Company purchased the remainder of the plant from Progress Park.

The Roblin Steel Company occupied the project site from 1969 to 1987 and operated a steel reclamation business on the property. High quality scrap steel was reclaimed using electric arc furnaces and then forged into steel rods. An historical facility plan depicting the nature and location of major operations and equipment at the Roblin Steel plant is provided in Figures 8-A and 8-B. As shown on these figures, the plant contained three electric arc furnaces, several dust collection system baghouses, an outdoor electrical substation, numerous transformer rooms, rolling and hammer mills, a compressor house, and a variety of other process equipment (e.g., casting and cooling towers). Additionally, two large volume above ground oil storage tanks and a scrap yard were located along the southern margins of the site. An interview with a former long-time employee of the Roblin Steel Company indicated that the company operated a landfill on a separate property located approximately 0.5-miles to the south of the project site, which was utilized for the disposal of waste materials from the plant. This former employee also indicated that the solvent 1,1,1-Trichloroethylene was widely used at the facility, especially in the vicinity of the casting tower, and that spent solvents were often released into the pits located below the electric arc furnaces. These pits were reportedly blasted some 15-20 feet into the bedrock.

The operation of the arc furnaces generated air pollution emissions control dust (K061), which is listed as a Resource Conservation and Recovery Act (RCRA) hazardous waste. Following the closing of the Roblin Steel facility in 1987, Champion Inc. was contracted to salvage the equipment from the plant. Material Recovery of Dunkirk Inc. (MRDI), the reputed former owner of the site acquired the property, along with the remote landfill, from the bankruptcy of Roblin Industries in 1990. MRDI undertook the demolition of the portion of the plant located to the north of the existing on-site building, and continued salvage operations until the early to mid 1990's (Figure 9).

The project site has been the subject multiple environmental assessments and investigations that are listed below:

- Environmental Site Review of Roblin Steel Plant Site, Dunkirk, New York, Acres International Corp., January, 1989.
- Phase II Environmental Site Assessment, Roblin Steel Plant, Dunn Geoscience Corp., October 1990.
- Groundwater Assessment, Roblin Steel Plant, Dunkirk, New York, Harrison Hydrosociences, May, 1991.
- Analysis of Soil and Slag Piles for Lead, Roblin Steel Site, Roy F. Weston, Inc., January, 1994.
- Groundwater Investigation Report, Common Boundary of the Former Roblin Steel and Alumax Extrusions Sites, Clough Harbour and Associates, May, 1999.

The results of these investigations confirmed the presence of contaminated fill, soil, groundwater, stormwater and sewer sediment on the project site. Contaminants detected on the project site included chlorinated solvents, polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and heavy metals. However, the data collected was not sufficient to determine the magnitude and extent of contamination or the scope and cost of remediation required to enable redevelopment.

In addition to reviewing environmental assessment and investigation reports performed for the former Roblin Steel facility, reports for the former Alumax Extrusions site and the Edgewood Warehouse site were also reviewed and included:

- Phase I Environmental Site Assessment Report, Edgewood Warehouse, Clough Harbour and Associates, October, 1997.
- Phase II Environmental Site Assessment Report, Edgewood Warehouse, Clough Harbour and Associates, May, 1999.
- Phase II Environmental Site Assessment Report, The Closed Alumax Extrusion Facility, IT Corporation, July, 1999.
- Chlorinated Hydrocarbon Source Investigation, The Closed Alumax Extrusions, Inc. Facility, IT Corporation, January, 2002.
- Phase III Environmental Site Assessment, The Closed Alumax Extrusions, Inc. Facility, 320 South Roberts Road, Dunkirk, New York, prepared by IT Corporation, October 2000.

These reports provided useful historical and hydrogeological information. Additionally, the latter report identifies a source area from which chlorinated hydrocarbons may be migrating onto the project site.

The former Roblin Steel site was the subject of an EPA removal action, completed pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), in 1994. The removal action was undertaken to address the presence of

over 700 drums of hazardous waste as well as piles of hazardous emission control dust. The following materials were removed from the site during the course of the Removal Action for proper treatment and/or disposal at permitted off-site disposal facilities:

- 688 Empty Drums
- 3,544 Gallons of K061 Liquids
- 1,865 Gallons of K061 Oils
- 20 Cubic Yards of K061 Debris
- 330 Gallons of PCB Oil
- 0.5 Tons of PCB Contaminated Equipment
- 110 Gallons of Acids
- 275 Gallons of Asbestos (Solid)
- 55 Gallons of Pesticide
- 55 Gallons of Carbon Disulfide
- 165 Gallons of Flammable Liquid

Prior to the removal of these materials, it was noted that at least 50-100 of the drums containing liquid wastes were either damaged, visually near the point of release, or leaking. Other mechanisms for the release of hazardous waste identified by the EPA included storm water runoff from piles of K061 wastes present at the site. Poor housekeeping and improper storage practices were cited by the EPA as the likely source of past releases at the site. Following the CERCLA removal action, EPA completed a Preliminary Assessment of the subject site that resulted in its classification as a No Further Remedial Action Planned (NFRAP) site.

1.2.4 Areas Of Potential Environmental Concern

Based upon a review of historical information, the results of previous investigations of the project site and adjacent properties, site reconnaissance and an interview of a former long-time employee of the Roblin Steel Company, the following areas of potential environmental concern were identified:

- The contamination of soil and groundwater with volatile and semi-volatile organic compounds, PCBs and metals in connection with the following:
 - The use and on-site disposal of chlorinated solvents, particularly in the vicinity of the rolling mill, casting tower and electric arc furnaces. Of particular concern was the potential for deep bedrock groundwater contamination resulting from past releases of spent solvents directly into the furnace pits;
 - The potential release of pickling fluids from former storage tanks and pits used in connection with forming and finishing operations;

-
- Potential fuel oil releases from two former large-volume AST areas and associated underground piping systems, which may still remain;
 - Potential releases from the former oil cellar and other underground reservoirs associated with the rolling mill;
 - Potential releases of PCB-containing dielectric fluids from the outdoor substation and other transformer areas, as well as from the spreading of transformer oil for dust suppression purposes;
 - The on-site disposal of hazardous emission control dust (K061 Waste) generated by the electric arc furnaces;
 - Past discharges resulting from operations to repair and maintain process and transportation-related equipment;
 - Groundwater contaminant trespass from the adjacent Alumax site;
- The presence of residual K061 waste, and the potential presence of contaminated fill, buried drums and/or other industrial waste in the former disposal area located on the northeastern corner of the site;
 - Contamination within the combined sewer system resulting from past discharges of process wastewater, spent solvents, and chemicals used for maintenance operations;
 - Potential contamination of surface water and/or sediment within Hyde Creek resulting from discharges from the on-site storm sewer system;
 - The potential presence of radiological sources from x-ray equipment as well as the use of uranium on-site in small-scale nuclear reactors; and
 - The presence of asbestos containing materials in the remaining on-site structure and demolition debris present to the north of this structure.

2.0 METHODS OF INVESTIGATION

The scope of the Site Investigation program was consistent with that outlined in the NYSDEC-approved *Final SI/RAR Work Plan* (August 2002) which focused on determining the nature and extent of contamination within the following six areas of the site:

- Building Surfaces and Components
- Surface Water
- Sediment
- Storm Sewer System
- Groundwater
- Soil/Fill

The investigation of building surfaces and components included potential wastes or contamination present within floor drains, sewers, sumps, vaults and accessible utility conduits; PCB contamination related to the past use of PCB-containing electrical equipment on-site, and the remaining on-site electrical equipment that could contain PCBs; and ACMs used in the construction of the building. Sediment and sludge contained within the on-site sumps, which are suspected to be part of the former storm sewer system associated with the Roblin Steel facility was also sampled. These samples were chemically analyzed to determine the type and magnitude of contamination present within this system.

Surface water samples were collected from within Hyde Creek upstream and downstream of a pipe originating from the Roblin Steel Site. Additionally, sediment samples were collected from the creek bank at locations upstream and downstream of this discharge point. These samples were chemically analyzed to determine if potential discharges from the subject property were impacting Hyde Creek.

On-site soil, fill and groundwater contamination was investigated as part of the subsurface investigation program developed for the site. This program involved the advancement of soil probes, drilling of test borings, excavation of test pits, and the installation of groundwater monitoring wells to enable the collection and chemical analysis of samples from these media.

Representative composite samples of surface soil and fill materials were collected from previously identified areas of concern (e.g., transformer oil dumping area, residual K061 waste areas, construction and demolition debris areas, etc.), as well as from points selected to represent conditions across the site.

Two background surface soil samples were collected from two separate off-site locations for the purpose of defining local baseline soil conditions. Refer to Section 2.1.6 for a description of how and where the samples were collected.

An x-ray fluorescence (XRF) unit was used to conduct on-site surface soil/fill sampling and real time analysis of the property to delineate areas of elevated lead contamination utilizing EPA Method 6200. Additionally, the XRF unit provided field screening results for arsenic, chromium,

cobalt, copper, iron, manganese, mercury, nickel and zinc. Following the field screening of surface soils with the XRF, representative surface soil samples were collected from the areas of varying levels of lead contamination and submitted for chemical analysis for metals. The results were then correlated with laboratory data.

A radiation meter was used to conduct a radiation survey over the building and ground surfaces of the project site in an effort to locate any areas of elevated radiation. Additionally, the radiation meter was used throughout the sampling program and during the installation of the test borings, excavation of test pits and advancement of soil probes to monitor for radioactive material.

The number of samples collected from each of the above referenced media, including QA/QC samples, and the corresponding analytical methods are summarized in Table 1A. The locations of the samples are shown on Figures 10 –15.

2.1 Field Investigation

The following subsections outline the scope of field activities associated with the site characterization program. This scope reflects minor deviations and/or additions from the initial scope, as some minor modifications were necessary to account for information obtained during the field investigation or were performed at the request of the NYSDEC. The methods employed during the execution of the field tasks were detailed in the Field Sampling Plan (FSP) dated August 2002, while the procedures implemented to ensure the quality of the resulting field and laboratory data were in accordance with the Quality Assurance/Quality Control (QA/QC) Plan dated August 2002.

2.1.1 Radiological Survey

A Radiological survey was conducted over the building and ground surfaces of the project site in an effort to locate any areas of elevated radiation. The survey of the project site was based upon a system of transect lines. Additionally, the radiation meter was used during sampling of soil/fill and sediments and during the installation of the test borings, excavation of test pits and advancement of soil probes, as well as during the investigation of building to monitor for radioactive material. The results of the radiological survey detected no areas of radiation above normal background levels.

2.1.2 Surface Soil / Fill Sampling

In order to delineate areas of elevated lead on the project site an x-ray fluorescence (XRF) unit was used to conduct on-site surface soil/fill sampling and real time analysis of the project site utilizing EPA Method 6200. Additionally, the XRF unit provided field screening results for arsenic, chromium, cobalt, copper, iron, manganese, mercury, nickel and zinc. Following the field screening of surface soils with the XRF, ten representative discrete surface soil samples were collected from the areas of varying levels of lead contamination and submitted for chemical analysis for metals. The XRF screening locations and the locations of the discrete surface soil samples are depicted in Figures 10

and 11A respectively. Results were then utilized to enable correlation of field and laboratory data.

Following the discrete surface soil sampling, ten composite surface soil and/or fill samples were collected from previously identified areas of concern (e.g., transformer oil spreading area, residual K061 waste areas, construction and demolition debris areas, etc.), as well as from points selected to represent average conditions across the site (Figure 11A). Each of the composite samples was analyzed for SVOCs, pesticides, PCBs and metals. Additionally, one MS/MSD pair and one equipment rinsewater blank was collected for laboratory analysis.

2.1.3 Test Pit Excavations

The excavation of thirty-five test pits for the characterization, screening and sampling of subsurface soils was performed in the locations shown on Figure 12A. A total of seven soil samples were collected from seven of the test pits and submitted for chemical analysis. Test pit logs are included in Appendix A. The purpose of this task was to investigate the nature and thickness of debris/fill; identify buried waste; and collect, screen and chemically analyze soil and/or fill samples.

The excavation of test pits was completed using a track backhoe. Excavation occurred in 1-2 foot increments until a subsurface feature (e.g. piping, concrete, etc.) was encountered, bedrock was encountered, or until native soils were encountered. Screening of excavated soil was performed on each of the different stratigraphic soil layers using a photoionization detector (PID), an XRF unit and a radiation meter at each test pit location. Following the field screening and the collection of soil samples for chemical analysis the soil/fill was returned to the excavation from which it originated and the area was graded.

The majority of the test pits were excavated in the northeastern portion of the site. Additionally, five test pits were excavated on the south side of the dirt/gravel roadway that is along the northern property line, one test pit was excavated in each of the three former furnace pits that were centrally located north of the existing building, one test pit was excavated in the scrap pile area in the east end of the former building 47, and two test pits were excavated in the area of the former oil storage tanks that were located in the southern most corner of the site.

2.1.4 Soil Probes

The advancement of 40 soil probes was completed at the locations shown on Figure 12A to characterize surficial geology across the site; define the areal extent and thickness of fill material; and identify and delineate areas of subsurface contamination via field screening of soil gas and soil samples, and the chemical analysis of soil samples.

The soil probes were completed using direct push soil sampling equipment (e.g., geoprobe) to collect continuous samples. Soil samples were submitted for chemical analysis from nine soil probe locations across the site. Samples for each soil probe location were classified according to the Unified Soil Classification System (USCS) and are included in Appendix B.

2.1.5 Test Borings and Monitoring Well Installation

Twelve test borings were drilled on the project site to classify, field screen and collect subsurface soil samples for laboratory analysis. Eleven of the twelve borings were completed as groundwater monitoring wells to determine the groundwater flow direction, hydraulic gradient, and the hydraulic conductivity of the upper-most water-bearing zone, as well as collect groundwater samples for chemical analysis.

Test borings and monitoring well locations were selected based upon the project objectives, ease of access, freedom from obstructions, and safety considerations (appropriate set backs from overhead wires and buried services). The boring and well locations were selected to focus the investigation on areas of potential environmental concern identified during the project scoping. The locations of the test borings and monitoring wells are depicted on Figures 12A and 15 respectively. Test boring logs are included in Appendix C.

The following sections define the applicable drilling, sampling, and monitoring well installation procedures that were implemented at the site:

2.1.5.1 Hollow Stem Auger Drilling

The test borings were advanced through overburden soils/fill and weathered bedrock to depths ranging from 10 to 24 feet using hollow stem augers. Hollow stem auger drilling is the standard method of subsurface drilling which enables the recovery of representative subsurface samples for identification and laboratory analysis.

2.1.5.2 Split Spoon Sampling

Split spoon sampling is a standard method of subsurface soil sampling to obtain representative samples for identification, laboratory analysis and as a measure of resistance of the soil/fill to sample penetration. Continuous split spoon sampling was performed in each borehole in accordance with ASTM D1586-84, Standard Method for Penetration Test and Split Barrel Sampling of Soils. The advancement of split spoon sampling equipment occurred in two foot intervals. Subsurface samples obtained via split spoon sampling were classified, field screened for Total Organic Vapors (TOVs), and submitted for chemical analysis in an effort to define the horizontal and vertical extent of contamination, occurring on the project site. The two foot split spoon interval displaying the highest TOV

reading and/or greatest visual evidence of contamination was submitted for chemical analysis.

2.1.5.3 Soil Classification

As means for insuring proper field identification and description of soil collected from the test pits and soil borings, the lithology and moisture content of each soil sample was visually and physically characterized according to the Unified Soil Classification System (USCS). This method of soil classification describes the soil types on the basis of grain size and the liquid and plastic limits. The soil logging procedures are based on ASTM D 2487-93 Standard Classification of Soils for Engineering Purposes.

2.1.5.4 Rock Coring

Rock coring is a standard drilling method used for rock formations where undisturbed core samples are required. Rock coring was performed in accordance with ASTM D2113-83 and core samples were classified as per the procedures described in the Field Sampling Plan. Rock coring was performed at three locations on the project site to depths ranging from 20 to 40 feet below ground surface. Rock coring commenced after the conclusion of hollow stem auguring which was advanced an additional five feet into weathered bedrock following split spoon refusal and proceeded an additional thirty feet into the bedrock for the two bedrock groundwater monitoring wells (Wells MW03 and MW05), and an additional ten feet for test boring No. 7.

2.1.5.5 Monitoring Well Installation

Eleven monitoring wells were constructed according to ASTM D 5784-95. Nine of the wells were screened across the water-bearing zone that exists between the overburden and bedrock interface (wells MW01, MW02, MW04, MW06, MW07, MW08, MW09, MW11, and MW12) and two of the monitoring wells (MW03 and MW5) were screened across the upper-most water bearing zone within the bedrock. Well installation logs are included in Appendix D.

2.1.5.6 Monitoring Well Development, Gauging, and In-Situ Hydraulic Conductivity Testing

Following the completion of the monitoring well installation, each newly installed monitoring well and the four existing monitoring wells (EX-MW09, EX-MW10, EX-MW11 and EX-MW12) were developed until the discharged water was relatively sediment free and the indicator parameters (pH, temperature, conductivity, salinity) had stabilized. Well development not only removes sediment, but may improve the hydraulic properties of the filter pack. The effectiveness of the

development procedures was closely monitored in an effort to keep the volume of development fluids to the minimum necessary to obtain low turbidity samples. The stabilization of indicator parameters was used as a guide for the discontinuation of well development.

The groundwater levels measured in the monitoring wells were used to determine the groundwater flow direction, gradient, and when combined with hydraulic conductivity data, flow rates. Water levels in all monitoring wells were measured using an electronic water level indicator. Measurements were taken frequently following well development until the well had recovered to static conditions.

In-situ hydraulic conductivity tests were then completed to determine the permeability of the water-bearing units in which the wells are screened. Six of the monitoring wells (MW02, MW03, MW05, MW06, MW08 and MW12) were field tested, using the slug test method, to estimate the hydraulic conductivity of the aquifer material surrounding the well screen. This included two of the bedrock monitoring wells and four interface monitoring wells. The hydraulic conductivities were used to estimate the groundwater flow and contaminant transport rates.

2.1.5.7 Groundwater Investigation

Groundwater sampling was performed as soon as practical after purging had been completed and the well had recovered sufficiently to sample. All wells contained sufficient volume for the required laboratory analytical testing. None of the wells contained Non-Aqueous Phase Liquid (NAPL). Representative groundwater samples were obtained from each of the monitoring wells for chemical analysis. This included the field filtering of groundwater samples submitted for the metals analysis due to the high turbidity of the groundwater.

2.1.6 Background Soil Samples

Two background surface soil samples (SS21 and SS22) were collected from two separate off-site locations. One of the samples was collected northeast of the project site from the front yard of the residential property located 215 Middle Road. The other sample was collected west of the project site from the front yard of the residential property located at 449 South Roberts Road. Each of the samples was comprised of soil collected six inches below the ground surface. The background samples were analyzed for SVOCs and metals.

2.1.7 Electrical Substation Investigation

TVGA investigated the possibility of PCB contamination related to the past use of PCB-containing electrical equipment. This involved the sampling of stained concrete surfaces

located in the vicinity of former electrical substations. Using destructive methods TVGA collected eight samples from concrete pads located within the former electrical substation and from the concrete floors of the former transformer rooms on the eastern side of the site. The locations of these samples are depicted in Figure 11A. The samples were submitted for PCB analysis.

During the site investigation, TVGA also identified various fluorescent and HID light fixtures throughout the interior of the existing building that, based upon their apparent age, may contain PCBs.

2.1.8 Surface Water/Sediment Sampling in Hyde Creek

One abandoned storm sewer outfall pipe equipped with a flapper gate at the discharge point was identified in Hyde Creek. Two sediment samples were collected from the creek banks in the vicinity of the outfall pipe. One sample was collected up-gradient of the outfall, and a second was collected immediately down-gradient and submitted for chemical analysis.

Two surface water samples were also collected from Hyde Creek up-gradient and down-gradient of the outfall and submitted for chemical analysis. The locations of the surface water and sediment samples collected from Hyde Creek are depicted on Figure 11A.

Additionally, a storm water catch basin was identified approximately 25 feet west of the high bay door west on the project site. Sediments and/or storm water contained within this basin are being sampled in connection with the site investigation activities occurring at the Alumax facility located south of and adjacent to the project site.

2.1.9 Drain, Sewer and Sump Investigation

TVGA identified and visually examined floor drains, sumps and vaults in an effort to identify and sample suspect solids, liquids and/or sludges present within these structures. Four sediment/sludge samples were collected from sumps within the existing building and one from a sump outside of the building. Two of the samples were collected as composite samples based on a review of historical utility drawings and field observations that indicate these sumps are hydraulically interconnected. Additionally, one sediment sample (OF01) was collected from within the outfall pipe at Hyde Creek. The location of the sampled sumps and outfall is depicted on Figure 13.

2.1.10 Asbestos Survey

The survey of the existing building for asbestos containing materials (ACMs) was performed in accordance with NYCRR, Title 12, Part 56 (Industrial Code Rule No. 56), and applicable provisions of 40 CFR Part 61 (NESHAPS) and Occupational Safety and Health Administration (OSHA) 29 CFR 1910. The survey included the following work tasks:

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- Readily available building plans and records were reviewed for references to asbestos or asbestos material used in construction, renovation or repair.
 - An EPA and NYSDOL certified asbestos inspector completed an inspection of accessible portions of the on-site building to visually identify, quantify and assess the condition of potential ACM, including surface treatments, thermal system insulation, roofing and siding, and other miscellaneous materials (e.g., floor and ceiling tiles, fire doors, etc.). A total of 32 bulk samples of potential ACMs were collected using standard protocols, and were submitted for asbestos analysis.

2.2 Survey

The objective of this task was to develop a topographic base map and to locate the horizontal and vertical position (where appropriate) of sample locations and relevant site features. A topographic survey was completed by the Chautauqua County Department of Public Facilities survey department. Coordinates and elevations were established by a New York State licensed land surveyor for each monitoring well, and other key contour points. Elevations were relative to North American Vertical Datum, 1988. Property boundaries shown on the base map are based upon the survey completed by Michael J. Rodgers Land Surveyor, P.C., dated December 12, 2001.

2.3 Sample Analysis/Validation

2.3.1 Laboratory Analysis

All chemical analyses were performed by Severn Trent Laboratories, Inc. (STL), which is accredited under the New York State Environmental Laboratory Approval Program (ELAP) Contract Laboratory Program (CLP). The target analytes and corresponding analytical methods used for the project are identified and summarized in Table 1A.

All groundwater, surface water, soil/fill, sediment and liquid samples were analyzed using the applicable methods prescribed by the NYSDEC Analytical Services Protocol (ASP), October 1995. Category B deliverables were generated for these samples. EPA SW-846 methods were utilized to analyze concrete samples, and the deliverables for this matrix were in accordance with the referenced method.

Subsurface soil/fill; sediment; surface water and groundwater; and sludge samples that were present in exterior and interior, sumps, were analyzed for the volatile and semi-volatile organic compounds and PCBs appearing on the EPA Target Compound List (TCL) using NYSDEC Analytical Services Protocol (ASP) Methods 95-1, 95-2 and 95-3, respectively. The samples were also analyzed for the metals appearing on the EPA Target Analyte List using ASP methods. Surface soil samples were analyzed for all of the above referenced methods with the exception of organic compounds, which were determined by the NYSDEC to be unnecessary.

The ten surface soil samples collected in connection with the XRF investigation as well as the two (2) background soil samples collected from the off-site locations were analyzed for the metals appearing on the TAL using ASP methods and semi-volatile organic compounds appearing on the TCL using NYSDEC ASP Method 95-2.

Concrete samples collected in the vicinity of former electrical substations were analyzed for polychlorinated biphenyls (PCBs) using EPA SW-846 Method 8082.

The analysis of all asbestos samples was performed by Paradigm Environmental Services, Inc., which is a New York State ELAP accredited laboratory (NYSDOH-ELAP No. 10958). All samples of suspected ACM were analyzed using Polarized Light Microscopy (PLM). Additionally, non-friable organically bound (NOB) materials (e.g., floor tiles, roofing materials, etc.) were further analyzed using Gravimetric Reduction (GR) and Transmission Electron Microscopy (TEM), as required by the NYSDOH.

2.3.2 Quality Assurance/Quality Control Samples

Samples were collected throughout the project for Quality Assurance/Quality Control purposes (QA/QC). The purpose of these samples was to evaluate the effectiveness of the QA/QC procedures implemented during the field and laboratory activities associated with the project. The QA/QC samples were collected and analyzed in accordance with the *Final QA/QC Plan* (August 2002) developed for the project. As reflected by Table 1A, QA/QC samples include matrix spike (MS), matrix spike duplicate (MSD) and matrix duplicate (MD) samples, trip blanks, blind field duplicates and equipment blank samples.

2.3.3 Data Validation

The validation of the laboratory data was performed by a NYSDEC-approved independent data validator. Validation of the data was performed in accordance with the *NYSDEC Guidance for the Development of Data Usability Summary Reports* (DUSR). The data package was first reviewed for completeness and compliance relative to the criteria specified in the aforementioned NYSDEC document. The validator then conducted a detailed comparison of the reported data with the raw data submitted as part of the supporting documentation package, and applied protocol-defined procedures for the identification and quantitation of the individual analytes to determine the validity of the data. The DUSR includes a narrative summary discussing all quality issues and their impact on the reported results, and presents copies of laboratory case narratives.

3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

3.1 Subsurface Stratigraphy

An evaluation of the subsurface stratigraphy of the project site was completed by integrating the data collected during the subsurface investigation with existing published information on the geology and hydrogeology of the project area. As previously discussed, the subsurface investigation included the drilling of 12 test borings, the excavation of 35 test pits, and the advancement of 40 soil probes across the project site (see Figure 12A).

The subsurface stratigraphy can be divided into five significant units, which are described in descending order as follows:

- fill
- lacustrine sediment
- glacial till
- weathered shale bedrock
- bedrock

3.1.1 Fill

The fill on the project site varies in thickness between the subsurface investigation locations and reflects various historical operations conducted on the project site. There are generally two predominant and visibly distinct types of fill that exist in two separate, yet sometimes intermingled layers that were observed during the subsurface investigation. Additionally a third layer of fill, which was only encountered within the boundaries of the former Building No. 47 and within fill areas inside the existing building was also encountered on the project site.

The uppermost layer of fill, which ranges in thickness from 0' to 6' bgs, is comprised mostly of fine and medium grained brown to dark brown sands with 10-50% gravel. The thickest deposits of this fill were encountered in the subsurface investigation points located in the northeast corner of the site and the investigation points located north of the existing building in the vicinity of the former Building No. 47. Also encountered within this fill layer in the vicinity of the former Building No. 47 were pieces of concrete and brick.

The second layer of fill, which ranges in thickness from 0.5' to 6' bgs, is comprised mainly of fine grained black sands with 10-35% gravel and cinders. This layer was generally observed on the eastern side of the site with some occurrences south of the building and along the western property line north of the building. Where present, this layer was generally observed a foot below the ground surface and was typically one foot in thickness. The fill material was dry at most locations with the exception of the fill

encountered in Test Boring Nos. 02, 03 and 04 where perched groundwater was encountered within the fill layers.

The third layer of fill which exists primarily under former Building No. 47 was encountered at varying depths ranging from 2 to 18 feet below the ground surface and consisted of a gray coarse grained sand and gravel mixture. At each of the locations where this layer was encountered, it was found to be saturated. This layer of fill was encountered at multiple subsurface investigation points including; Test Pit Nos. 30-32, Test Boring Nos. 06 and 09, and Soil Probe No 39.

3.1.2 Lacustrine Sediments

A layer of lacustrine sediments or glacial lake deposits, consisting of a fine-grained silty clay was observed during the subsurface investigation across the entire site. This layer was typically observed to be the uppermost layer of native soil and ranged in thickness from 4-10 feet. The thickest areas of this unit were encountered north of the building. These soils vary in color from brown to dark brown, and gray. The soils are stiff, and plasticity varies proportionate to the amount of clay in the layer. Some of the locations contain orange and gray mottles, which increased with depth.

3.1.3 Glacial Till

A layer of glacial till was observed in many sampling locations below the lacustrine sediment layer and above the weathered shale bedrock. This layer was found most frequently at locations northwest and south of the building. This 3 to 5 feet thick layer was composed predominantly of stiff to hard, non-plastic fine grained sandy silt, with fractured pieces of shale encountered at some locations. These soils, typically brown or dark brown in the upper two feet of this layer, become gray as the layer approaches the weathered shale and bedrock.

3.1.4 Weathered Shale Bedrock

Weathered shale was encountered at the majority of the subsurface investigation points across the site. The weathered shale is part of the upper Dunkirk Shale, which is the uppermost bedrock layer that underlies the entire project site. This layer is friable, and ranges in color from gray to dark gray. The layer thickness varied from 1 to 4 feet across the site with the thickest areas located in the northeastern portion of the project site. A review of the subsurface investigation logs indicate that the weathered shale generally slopes to the northeast from the southern portion of the property.

3.1.5 Shale Bedrock

The competent shale bedrock encountered beneath the project site is also part of the Dunkirk Shale. The color of the shale ranged from gray to dark gray and it was very competent with few apparent discontinuities. The depth to competent bedrock varied across the site, with the shallowest occurrence in the southern most portion of the site at

approximately 2 feet below ground surface and the deepest occurrence in the northeast corner of the site at approximately 14 feet below ground surface. Bedrock was encountered north of the building at an average depth of 12 feet below ground surface. Subsurface investigation locations performed within the boundaries of the former Building No. 47 indicate that several feet of bedrock was likely removed from various locations within the building boundaries during construction of the building.

3.2 Groundwater

Hydrogeologic conditions across the site were investigated through the installation of 11 groundwater monitoring wells and the use of four existing on-site wells. Field installation reports for the 11 wells installed during the course of this investigation are included in Appendix D, and well development and sampling logs are presented in Appendix E. Nine of the wells (MW-01, MW-02, MW-04, MW-06, MW-07, MW-08, MW-09, MW-11, and MW-12) were screened across the interface between the overburden and the weathered shale bedrock, similar to the four existing wells (EX-MW-9, EX-MW-10, EX-MW-11, and EX-MW-12). These wells are hereinafter referred to as "interface wells". The two remaining wells were installed in the competent shale bedrock, and are described as "bedrock wells".

3.2.1 Interface Wells

Although perched water was encountered in the permeable fill at several locations across the site saturated conditions were not consistently observed in the fill layer. As such, the upper-most water-bearing zone defined on the project site occurs within the glacial till and weathered shale bedrock. This water-bearing zone was encountered in all of the interface wells, with the exception of MW-06 and MW-08, which were screened in sandy fill that extended from below concrete building surfaces directly to the top of bedrock.

Static water level measurements taken from the interface wells are shown in the table presented on Figure 14, as are the corresponding groundwater elevations. The depth to groundwater measured in the wells ranged from 0.73 to 12.99 feet bgs. A comparison of the depth to water during the drilling of these wells with that observed following installation indicates that the groundwater in this hydrostratigraphic unit is under confined or semi-confined conditions, with the overlying lacustrine unit functioning as an upper confining layer.

A potentiometric surface map for this upper-most water bearing zone is presented in Figure 14, and indicates that groundwater flow in this zone is generally to the northwest on the north side of the building and to the northeast on the east side of the building. This figure also depicts a depression in the potentiometric surface that is centered to the south of the building, in the vicinity of existing well EX-MW-9. The cause of this depression is interpreted to be the discharge of groundwater into the storm sewer line that extends westward along the alley between the on-site building and the former Alumax building to the south. The depth to this sewer line is estimated to be 6 to 7-feet

bgs in this area, whereas the depth to the base of the lacustrine confining layer at EX-MW-9 is approximately 5.5-feet bgs. Therefore, it is possible that the storm sewer intersects the upper-most water bearing zone and acts as a groundwater discharge point in this area. However, given that the thickness of the lacustrine unit was observed to increase to the west, with the bottom of the lacustrine unit at EX-MW-12 occurring at approximately 10-feet bgs, the sewer line does not appear to be intercepting groundwater flow from this water bearing zone in the western portion of the site.

The average hydraulic gradient within the upper most water bearing unit is approximately 1.3×10^{-2} feet/foot. The results of the in-situ hydraulic conductivity testing of the interface wells yielded hydraulic conductivity values ranging from 2.28×10^{-4} to 7.3×10^{-5} centimeters per second (cm/sec), with an average of 1.77×10^{-3} cm/sec. Assuming an average porosity of 30%, the average linear groundwater flow velocity across the site within this hydrostratigraphic unit is approximately 0.21 feet per day.

3.2.2 Bedrock Wells

Groundwater levels observed in the two shallow bedrock wells following their installation were 9.74 and 10.97-feet bgs (see Figure 14). These wells were both screened from 15.5 to 30.5-feet below the top of the competent bedrock. Based upon observations during the drilling of these wells and the static water levels recorded following their installation, groundwater within this shallow bedrock water-bearing zone is also believed to be under confined or semi-confined conditions. The results of the in-situ hydraulic conductivity testing of the bedrock wells yielded hydraulic conductivity values ranging from 1.3×10^{-4} to 3.3×10^{-4} centimeters per second (cm/sec), with an average of 2.6×10^{-4} cm/sec.

3.3 Surface Water

As previously indicated, no surface water bodies occur on the project site. However, Hyde Creek is located approximately 100' from the northeast corner of the project site where it flows in a northwesterly direction towards Middle Road where it enters a City storm sewer. Hyde Creek is a Class C stream.

Storm water runoff on the site that does not enter the one known catch basin located near the southwest corner of the existing building or percolate into the subsurface generally flows to the northwest towards Lake Erie.

3.4 Building and Infrastructure

3.4.1 Structural Integrity

A walk through of the on-site structure by a TVGA structural engineer indicated that the structural members appear to be from three vintages. On the west end of the building, the structural members appear sound and the roof has a prestressed concrete deck that is in good condition, however the roofing membrane needs to be replaced.

Near the middle of the building, the structural members are in good condition, however, they may be light for modern snow loads. The roof membrane also has holes in it. On the east end, trusses are light and thin. Although the building generally has withstood the test of time, it is doubtful that structural members would meet modern snow load design criteria.

Although the structural frame members generally appear to be structurally sound, the building lacks doors, utilities have been disconnected or removed, the sheet metal siding and roof are in various states of disrepair, and the majority of the windows are broken. The floor within the building is a combination of concrete and earth. Based on a review of historical maps and drawings for the Roblin Steel facility, earthen portions observed within the building are former below grade storage and processing areas, which have been backfilled with non-native soils and fill. These subsurface features include but are not limited to: an abandoned fuel oil storage cellar that was located in the northern portion of the building between Piers 13 and 17; a cooling bed which is centrally located between Piers 31 and 37 with narrower portions to the east and west; remnants of the descaling pit located in the northern portion of the building between Piers 42 and 43; and an AST basement located between Piers 39 and 43 in the center of the building. Other smaller earthen fill areas not identified in historical drawings were identified during the site investigation in the southwest and northwest portions of the building.

Portions of the concrete floor on the east end of the building have heaved from frost penetration. The large brick lined stack, located on the south side of the building near column 43 may need to be removed and brick masonry in various locations in the building may need to be repaired or replaced depending on the ultimate use of the structure. All process equipment has been removed from inside the building.

3.4.2 Drainage Systems

The on-site storm water and wastewater systems are abandoned and not well understood. Limited site utility maps and historical information is available, interviews with a former Roblin Steel employee provided little useful data, and catch basins and sumps were difficult to identify due to the condition of the building and presence of fill, debris and brush scattered around the site. A single active stormwater catch basin approximately seven feet deep is located 28 feet to the west of the southwest building corner. The catch basin is believed to be connected to a storm sewer that utility plans indicate runs along the south building wall. No other catch basins could be located along the south wall so it is uncertain whether the line is abandoned. An interview with a former employee of Roblin Steel provided limited information on sumps from which sediment samples were collected for chemical analysis. The employee indicated that the circular sump located between Piers 32 and 33, within the northern portion of the building, collected water other cleaning fluids from steel cleaning operations.

3.4.3 Potential PCB Containing Electrical Equipment

Fluorescent and High Intensity Discharge (HID) light fixtures with ballasts were observed throughout the interior of the existing building. The fluorescent units were observed in the rooms along the north wall of the building, while the HID units were observed throughout the high-bay portion of the structure. Based on the age of the building there is the potential for the ballasts to contain PCBs. Additionally, several air cooled step-down transformers were observed within the building, however these are not likely to contain PCBs. No other transformers were observed on the project site.

3.4.4 Other Site Features

Located north of the building is the concrete floor slab and portions of the exterior wall foundation of the former Building #47 (see Figure 11A) and other adjacent demolished facilities. Also observed within the Building No. 47 footprint were wooden blocks used in floor construction. Some of the flooring was still in place, while in other areas the blocks were in small piles. Additionally, remnants of railroad ballast and railroad ties were observed during the subsurface investigation performed in the northeastern portion of the property and in the vicinity of the gravel road along the northern property line. The majority of the construction and demolition debris piles and brush that was located north of the building was removed by the County and disposed of at the Ellery Landfill following the site investigation activities (after receiving permission to do so from the NYSDEC).

4.0 ANALYTICAL RESULTS

The following sections summarize and discuss the analytical data generated as a result of the field investigation. This data has been utilized to determine the nature and extent of contamination at the site based upon comparisons with applicable Standard Criteria and Guidance Values (SCGs). The STL analytical laboratory reports are included in Appendix F, while the chain-of-custody records are presented in Appendix G. This data was validated in accordance with the NYSDEC approved QA/QC Plan and the resulting Data Usability Summary Report (DUSR) included in Appendix H1. A series of tables (Tables 2-9) summarizing the data relative to the applicable SCGs has been integrated into the following discussions.

Surface and subsurface soil/fill, sediment, groundwater and surface water samples were collected for chemical analysis to determine the magnitude and extent of potential contamination occurring in these media. A summary of the samples collected from these media, including the number and type of QA/QC samples, the corresponding analytical methods, and the sample location related to the site grid system is presented in Table 1A. The following sections describe the sampling that was performed and the analytical results.

4.1 Background Soil Samples

The results of the analysis of the two background soil samples for metals and SVOCs are presented in Table 3A. A comparison of the metals data from these two samples indicates that they generally coincide, with significant variations noted for five parameters (cobalt, copper, magnesium, manganese, and potassium). Numerous SVOCs were detected in the background samples, which were collected to represent residential background levels in the vicinity of the project site.

4.2 XRF Screening

The project site was field screened with an x-ray fluorescence (XRF) unit in an effort to delineate areas of elevated lead contamination. Additionally, the XRF unit provided field screening results for arsenic, chromium, cobalt, copper, iron, manganese, mercury, nickel and zinc. The results of the XRF screening are provided in Table 9A and the sample locations are shown on Figure 10. The results of the XRF screening revealed elevated lead levels:

- On the western portion of the site north of the existing building to the northern property line (411ppm to 3,289 ppm). This portion of the site was a former K061 dust storage area;
- North of the central and western portions of the building north to the property line (401 ppm - 1849 ppm), which was occupied by the former Building No. 47 where steel production activities took place, and
- East of the building (556 ppm - 1800 ppm), which was also a former K061 dust storage area.

Additionally, the XRF results revealed elevated chromium and cadmium levels in the K061 dust storage areas referenced above.

Following the field screening of surface soils with the XRF, ten surface soil/fill samples were collected from the areas of lead contamination and submitted for chemical analysis of metals (Table 3A). The results were utilized to determine the correlation between field and laboratory data. A comparison of laboratory results to the XRF results is included as Table 9B, as the relative percent difference (RPD) between the two methods. Lead, nickel, and zinc demonstrated the best correlation as indicated by the lowest RPD. In general the laboratory analytical results were higher than the XRF results.

The XRF results revealed that metals contamination is widespread across the entire site in the surface soil. With the exception of cobalt, thallium, and vanadium, all of the TAL metals were detected in the majority of the surface soil samples. The highest overall concentrations of metals were found in SS04, which was the surface soil sample collected in the western corner of the site, north of the existing building.

4.3 Surface Soil / Fill Sampling

Representative composite samples of surface soils and fill materials were collected from previously identified areas of concern (e.g., transformer oil dumping area, residual K061 waste areas, construction and demolition debris areas, etc.), as well as from points selected to represent conditions across the site. Each of the composite surface samples collected from the site was analyzed for Target Compound List (TCL) SVOCs, pesticides and PCBs, as well as Target Analyte List (TAL) metals using ASP methods (Table 3A). The results of the metals analysis for the composite soil/fill samples indicate that eight or more parameters were detected above the guidance values (TAGM HWR-92-4046) in each of the samples collected. The highest concentrations of metals, which also included the highest levels of lead, chromium and cadmium, were observed in samples SS12, SS15, SS16, and SS17.

Semi-volatile organic compounds were detected in each of the composite samples. One or more SVOCs were detected in each of the composite samples at concentrations above the guidance values. The highest concentrations of SVOCs were detected in the composite samples collected from SS16 with ten parameter concentrations greater than guidance values and SS17 with twelve parameter concentrations greater than guidance values. These samples were collected in the area of former Building No. 47 where steel production activities took place. Additionally, the total concentrations of SVOCs in each of these two exceeded the 500,000 ppb guidance value for cumulative SVOC concentrations, with seven individual parameters exceeding 50,000 ppb at both locations. None of the remaining samples contained total SVOC concentrations in excess of the applicable guidance value, nor did any individual parameter concentrations in these samples exceed the related 50,000 ppb threshold. Excluding SS16 and SS17, total SVOCs ranged from 3,179 ppb at SS14 to 127,170 ppb at SS15.

During the initial SI, no pesticides or PCBs were detected at levels above the guidance values in the surface soil samples. However, during the Supplemental Site Investigation, PCBs were detected in the surfactant soil around one of the former transformer room pads (refer to Section 6.3.5 for details).

4.4 Subsurface Soil/Fill Sampling

4.4.1 General

Subsurface soil/fill samples were collected from test pits, soil probes, and test borings. The selection of subsurface soil/fill samples for chemical analysis was based upon visual and/or photoionic evidence of contamination. Each of the subsurface samples collected from the site was analyzed for Target Compound List (TCL) VOCs, SVOCs, pesticides and PCBs, as well as Target Analyte List (TAL) metals using ASP methods. All subsurface soil/fill samples were screened for Total Organic Vapors (TOVs) using a MiniRAE 2000 photoionization detector (PID).

All of the subsurface samples showed exceedances of the TAGM values for two or more TAL metals. The results of the TAL metals analysis for the subsurface soil/fill varied throughout the site with the majority of the metals concentrations exceeding the TAGM values in the upper four feet of the fill layer. The concentrations of metals in the subsurface soil were generally lower than the surface soil/fill results. Copper, calcium, iron, manganese and potassium represented the most widespread detections of elevated TAL metals with the majority of the locations exceeding guidance values. Samples collected from 2-4' bgs in Test Pits 11 and 36 contained the highest metals concentrations. The first test pit (#11) was excavated in the northeast corner of the site, in the vicinity of former rail lines. The second test pit (#36) was excavated with the interior of the existing building, in the vicinity of the former oil storage cellar.

4.4.2 Test Pits

A total of seven subsurface soil/fill samples were collected from test pits (Figure 12A). Additionally, one Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair was collected from Test Pit No. 32. Test Pit No. 33 was sampled only for VOCs, based on visual, olfactory, and photoionic evidence of contamination and recommendations by the NYSDEC. The analytical results for the test pits sampled are included in Table 2A.

Volatile organic compounds were detected in the samples collected from TP02, TP26 and TP33. However, none of the parameter were detected at levels that exceeded the guidance values. Total VOCs in the test pit samples ranged from 8 ppb to 10 ppb.

Semi-volatile organic compounds were also detected in each of the test pit samples collected. With the exception of TP27, each sample contained three or more SVOCs at concentrations exceeding the guidance values. However, there were no exceedances of the NYSDEC guidance value of 500,000 ppb for total SVOCs, nor did any individual

parameter exceed the related threshold of 50,000 ppb for individual SVOCs in any of the test pit samples. Total SVOCs ranged from 660 ppb to 32,480 ppb.

Pesticides were detected in Test Pit Nos. 01, 02, 11 at levels below the guidance values. Total pesticides at these locations ranged from 1.7 ppb to 57 ppb. Only Test Pit No. 01 contained PCBs, which were detected at concentrations below the guidance values.

4.4.3 Soil Probes

A total of nine soil/fill samples and one rinseate blank were collected from soil probes (Figure 12A).

Volatile organic compounds were detected in four of the soil probe samples including SP05, SP20, SP23, and SP29. However, none of the samples exceeded the guidance values. Total VOCs in these soil probes ranged from 2 ppb to 118 ppb.

Semi-volatile organic compounds were detected in each of the soil probes, with the exception of SP39. Samples collected and analyzed from Soil Probe Nos. 02, 05, 32, and 36 each contained one or more SVOCs at concentrations exceeding the guidance values. However, there were no exceedances of the 500,000 ppb guidance value for total SVOCs, nor did any individual parameter exceed the related of 50,000 ppb threshold for individual SVOCs in any of the soil probe sample locations. Total SVOCs ranged from 186 ppb to 53,750 ppb.

Although pesticides were detected in Soil Probe Nos. 02 and 20, none of the guidance values were exceeded. Total pesticides at these locations ranged from 6.2 ppb to 25 ppb. None of the soil probe samples contained PCBs.

4.4.4 Test Borings

One soil sample representative of the split spoon interval with the highest organic vapor level detected in the sample headspace was selected from each of the twelve test borings for chemical analysis. Also, one MS/MSD pair and one rinseate blank was collected from Test Boring No. 5 for laboratory analysis.

Volatile organic compounds were detected in each of the test boring samples, with the exception of TB02, TB04, TB07 and TB10. Total VOCs in the test borings ranged from 1 ppb to 200,017 ppb. Individual VOCs exceeded TAGM values at only one location (TB12), which was collected on the south side of the existing building in the area of the former GFM Cooling Tower. The sample was collected from 0'-4' bgs and consisted of a black and dark brown sandy fill. Total VOCs detected at Test Boring No. 12 also exceeded the NYSDEC guidance value of 10,000 ppb. VOCs detected at TB12 consist primarily of Trichloroethene (200,000 ppb), which was the only parameter detected above guidance values.

Semi-volatile organic compounds were also detected in each of the test borings. The samples collected from Test Boring Nos. 04, 05, 08, 10, 11, and 12 contained levels of SVOCs that exceeded the guidance values for one or more parameters, however, there were no exceedances of the guidance value of 500,000 ppb for total SVOCs, nor did any individual parameter exceed the related of 50,000 ppb threshold for individual SVOCs in any of the test boring sample locations. Total SVOCs ranged from 158 ppb to 8,612 ppb.

Pesticides were only detected in Test Boring Nos. 03 and 12. Total pesticides at these two locations were 11.1 ppb and 50 ppb respectively. PCBs were also detected at these two locations, however, they were below guidance values.

4.5 Surface Water / Sediments Sampling

Two sediment samples were collected from the bank of Hyde Creek (Figure 11A). Each sample was analyzed for VOCs and SVOCs, Pesticides, PCBs and metals.

The analytical results for TAL Metals in the sediment samples indicated eleven exceedances of the TAGM values at the upgradient location (HC01-SED) and thirteen exceedances of guidance values at the downgradient location (HC02-SED). Of these exceedances, only Cyanide in the downgradient location represented a detection that was an order of magnitude higher than the TAGM value.

No VOCs were detected above guidance values in either of the sediment samples.

Semi-volatile organic compounds were detected in both sediment samples, with five compounds exceeding guidance values in the upgradient location and two compounds exceeding guidance values in the downgradient location. Total SVOCs at the upgradient and downgradient locations were detected at 16,019 ppb and 813 ppb, respectively.

No pesticides were detected above guidance values in the upgradient location and pesticides were not detected in the downgradient location. PCBs were not detected in either of the sediment samples.

Surface water samples were also collected from Hyde Creek. Only Antimony in the upgradient location and, iron and sodium in both the up and down gradient locations exceeded the guidance values.

4.6 Groundwater

Groundwater samples were collected from the eleven newly installed monitoring wells and the four existing monitoring wells. The groundwater samples were analyzed for Target Compound List (TCL) VOCs, SVOCs, pesticides and PCBs, as well as Target Analyte List (TAL) metals using ASP Methods. No pesticides or PCBs were detected in any of the groundwater samples. As a result of the high turbidity recorded in each of the monitoring wells, the groundwater samples were filtered in the field and analyzed for

dissolved metals. Additionally, MW01, MW03, and MW12 were also analyzed for total metals. The groundwater sample data are presented in Table 4. Table 4 also presents the applicable ambient water quality standards (WQS) and guidance values established in the NYSDEC *Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 (1998)*.

4.6.1 Interface Groundwater Monitoring Wells

The analytical results for groundwater samples revealed exceedances of TAL Metals for one or more parameters at each of the interface groundwater monitoring locations. However, inorganic parameters analyzed were relatively uniform across the site and were generally below the groundwater standards. The majority of the exceedances of the WQS occurred for aluminum, iron, magnesium, manganese, selenium and sodium.

As reflected by Table 4, the concentrations of dissolved metals in the samples from MW01, and MW12 were generally comparable to the levels of total metals in these samples. Exceptions to this included the following parameters, which were detected at levels that exceeded the results of the dissolved analysis by an order of magnitude:

- Aluminum cobalt and copper in MW12; and
- Iron in both.

One or more VOCs were detected in each of the groundwater samples collected from the interface monitoring wells, with the exception of RSS-MW11 and EX-MW10. The majority of the VOCs detected in the groundwater consisted primarily of solvents and BTEX (Benzene, Toluene, Ethylbenzene, and Xylenes) compounds. The VOCs detected at the highest concentrations included 1,2 Dichloroethene, and vinyl chloride, which are degradation by-products of Trichloroethene; Benzene; Tetrachloroethene; Toluene; Total Xylenes; and Trichloroethene. Volatile organic compounds exceeding the regulatory values were detected in nine of the thirteen interface groundwater monitoring wells. MW02, MW07 and MW09 had the most exceedances of the regulatory values, each exceeding the regulatory values for at least six parameters. Trichloroethene concentrations in existing Monitoring Well No. 11 were significantly greater (30,000 times) the regulatory value.

Semi-volatile organic compounds were detected in each of the groundwater samples collected from the interface monitoring wells. However, samples from only three monitoring well locations contained SVOCs at levels that exceeded the WQS. This included the sample from MW01, which exceeded the WQS for four compounds; the sample from MW06 which exceeded the WQS for one compound and the sample from MW04 which exceeded the WQS for three compounds.

4.6.2 Bedrock Groundwater Monitoring Wells

The analytical results for groundwater samples collected from the two bedrock groundwater monitoring wells revealed the presence of iron, selenium and sodium above WQS. The concentration dissolved metals detected in the sample from MW03 were generally comparable to the total metals levels for this location, with the exception of aluminum, cobalt, copper, iron and lead which were detected at levels that exceeded the results of the dissolved analysis by an order of magnitude.

The groundwater sample collected from MW05 revealed contained BTEX compounds and Trichloroethene at concentrations exceeding the WQS. No VOCs were detected above the WQS in the groundwater sample collected from MW03.

Semi-volatile organic compounds were not detected above the WQS in either of the bedrock groundwater monitoring wells.

4.7 Inspection and Sampling of Building Materials/Facility Components

The inspection and sampling of building materials and facility components focused on asbestos containing materials (ACMs); concrete floor and wall surfaces; sediment occurring within sumps; and sludge and/or waste water present within drains. The inspection and sampling procedures that were implemented for these media are outlined in the Field Sampling Plan.

4.7.1 Asbestos Containing Materials Sampling

A total of 32 bulk samples of suspect asbestos-containing materials (ACMs) were collected from interior and exterior building components. For the purpose of the asbestos survey, the existing building was divided into four sections based on building numbers assigned during the existing buildings' operation as Roblin Steel. These building designations moving from west to east included; Building No. 85 between columns 1-18; Building No. 54 between columns 18-33; Building No. 80 between columns 33-43; and Building No. 78 between columns 43-54. The laboratory analysis of the samples was performed by Paradigm Environmental Services Inc. The resulting laboratory data are contained in the *Asbestos Survey* presented in Appendix I.

All of the samples, with the exception of those consisting of non-friable organically bound (NOB) materials, were analyzed using Polarized Light Microscopy (PLM). NOBs, which include roof flashing, mastics, window caulk and floor tiles, were analyzed using Transmission Electron Microscopy (TEM). As reflected by the Asbestos Survey Report, numerous ACMs were identified in connection with the on-site building.

4.7.2 Concrete Floor Sampling

Four samples of the concrete pads from the former electrical substation and four samples of the concrete flooring from the former transformer rooms on the east side of the site were collected using destructive methods. These samples were analyzed for PCBs using EPA Method 8082. PCB concentrations exceeding the regulatory values for two parameters (Aroclors 1260 and 1242) were detected at one sampling location (SS05-CC). PCB levels at the remaining sample locations were below the regulatory values (Table 7).

4.7.3 Drain, Sewer and Sump Sampling

Five sediment/sludge samples were collected from sumps on the project site. Additionally, one sediment sample was collected from within the stormwater outfall pipe at Hyde Creek. All of these samples were analyzed for the VOCs and SVOCs, pesticides, PCBs and metals appearing on the TCL and TAL, respectively. The results of these analyses are presented in Table 8A.

With the exception of vanadium and thallium detected in SMP02-05, the concentrations of all of the TAL metals detected in the majority of the sediment/sludge samples collected from the sumps exceeded the guidance values. The highest contraventions of the guidance values were found in the composite sludge sample collected from SMP02-05. Lead, chromium, cadmium, and mercury were detected at levels of at least an order of magnitude greater than the guidance values in the majority of the sediment/sludge samples.

Volatile organic compounds were detected in each of the sediment/sludge samples. VOCs were detected at concentrations above the guidance values in the samples collected from SMP01 (for one parameter) and SMP07-08 (for one parameter). Total VOCs at SMP01 and SMP07-08 were 5,580 ppb and 15,287 ppb respectively. Total VOCs at the other locations ranged from 2 ppb at SMP06 and SMP09 to 195 ppb at SMP02-05.

Semi-volatile organic compounds were also detected in each of the sump samples. Exceedances of the guidance values for four or more compounds were detected at each location. The highest concentrations of SVOCs were detected in the samples from SMP01 with eight parameters greater than guidance values including one parameter exceeding 50,000 ppb and SMP06 with nine parameters greater than guidance values. Additionally, the total SVOCs at SMP06 exceed the guidance value of 500,000 ppb and four parameters were greater than 50,000 ppb. With the exception of SMP01 and SMP06, no individual parameter was detected above the guidance value of 50,000 ppb. Excluding SMP01 and SMP06, total SVOCs ranged from 4,668 ppb at SMP09 to 70,110 ppb at SMP07-08.

Pesticides were also detected in each of the sump samples however, only one sample (SMP01) contained pesticide levels exceeding the guidance value. Total pesticides at this location were detected at 2,050 ppb. Total pesticides in the remaining samples ranged from 5.5 ppb at SMP09 to 169 at SMP02-05.

PCBs were detected within two of the sump sampling locations. However, only one location (SMP01) contained PCB levels exceeding the guidance values.

The data for the sediment sample collected from within the outfall pipe at Hyde Creek are presented in Table 8A. Metals at this location were detected at levels exceeding the guidance values, with the exception of cobalt, lead, mercury, potassium, thallium and vanadium. Although volatile organic compounds were detected, no parameters exceeded the guidance values. Numerous SVOCs were detected in this sample, six of which exceeded the guidance values. Total SVOCs at this location were recorded at 44,612 ppb. No pesticides and two PCBs were detected in this sample at levels below the guidance values.

4.8 Nature, Extent and Source of Contamination

4.8.1 Surface Soil / Fill

Metals exceeding the regulatory guidance levels were detected in surface soils/fill across the project site. The highest concentrations of metals were detected in the western portion of the site north of the building. The presence of high metals is likely related to the residual presence of emissions control dust, as well as the deposition of foundry sands, slag, scrap metal and various other processing wastes associated with steel production that were likely discharged on the property. Additionally, large volumes of water were used to cool the molten steel, and the process wastewaters may have been released on the project site.

PAHs were detected in all of the composite surface soil/fill samples collected from the site. The highest concentrations of PAHs were detected in the center of the project site north of the building. The presence of these contaminants is likely related to poor housekeeping practices resulting in past releases of petroleum products used in connection with rolling mill operations and other processing equipment, which involved the use of large quantities of greases and oils, within the former Building No. 47. Additionally, the presence of PAHs may be associated with the operation of railroad spurs throughout the property, particularly on the eastern half of the project site.

PCBs were also detected in the surface soil/fill at three locations, with the highest levels detected in SS16. The presence of PCBs in these areas is potentially the result of poor housekeeping practices resulting in the spills and or releases of dielectric fluids; the staging of electrical transformers at various locations throughout the site; or spills/releases occurring during routine maintenance activities. Additionally, large

quantities of hydraulic oil that may have contained PCBs were used on the project site, some of which may have been discharged on site.

4.8.2 Subsurface Soil and Fill

Contaminants detected in subsurface soil/fill at concentrations that exceed applicable regulatory guidance levels consist primarily of polycyclic aromatic hydrocarbons (PAHs) with the exception of solvents detected in the sample collected from Test Boring No. 12. Additionally, metals exceeding the guidance levels were detected in each of the subsurface soil/fill samples.

Polycyclic aromatic hydrocarbons are commonly associated with industrial applications involving petroleum-based products, and are found in heavy fractions of petroleum distillation, asphalt, coal tar, and creosote. The locations and the potential sources of contamination within these areas included:

- Test Pit Nos. 01 and 02 within the northeast corner of the project site, in the former location of the three 157,000 gallon fuel oil ASTs. The majority of the contamination in these two locations is within the upper six feet, based on soil gas readings, and visual/olfactory observations.
- Soil Probe No. 5 which is located within the boundaries of a former railroad spur that entered the property from the east.
- Test Pit No. 26, which is centrally located along the northern property line south of the gravel road, was excavated in the vicinity of a railroad track that traversed the northern portion of the project site.
- Soil Probe No. 36, which was located within the western half of the existing building on the north side between Piers 14 and 15. A subsurface oil cellar was operated in this location during the early to mid 1900s.

The remainder of the subsurface soil/fill sampling locations revealed concentrations of total SVOCs below 10,000 ppb, the majority of which are located on the western half of the project site. Potential sources of PAHs in these areas include the former operation of rail spurs; poor housekeeping practices resulting in past releases of petroleum products and/or wastes used in connection machine shop and compressor operations; and/or past spills and/or leaks associated with the use of fuel oil.

The soil sample collected from Test Boring No. 12, which was located within the area of the former GFM Cooling tower, was the only subsurface soil/fill sampling location with detections of VOCs above the guidance values. Solvents consisting primarily of Trichloroethylene were detected at this location. Interviews with former employees of Roblin Steel indicated that this area was a common dumping area for wastes associated with facility operations. Additionally, solvents detected at this location may be the result of off-site migration from the adjoining property to the south.

The majority of the metals detected at concentrations exceeding the guidance values were contained in the upper four feet within the fill layer. The metals most consistently detected over guidance values included; calcium, copper, iron, magnesium, manganese, sodium and potassium.

4.8.3 Surface Water / Sediments of Hyde Creek

The surface water samples collected from Hyde Creek did not contain any facility derived contamination. A comparison of the upgradient sediment sample to the downgradient sediment sample revealed that concentrations of metals and SVOCs were generally higher in the upgradient sample indicating facility derived contamination is not entering Hyde Creek from the confirmed discharge location.

4.8.4 Groundwater

Groundwater contamination consisting of chlorinated and aromatic hydrocarbons was detected in both the upper-most water bearing zone and in the shallow bedrock water bearing zone beneath the site. Additionally, low levels of SVOCs were also detected in a handful of groundwater samples collected from the interface wells. The concentrations of inorganic parameters in the groundwater were relatively uniform across the site, and did not appear to be indicative of anthropogenic contamination. Consequently, the following discussions focus on the hydrocarbon contamination detected in the on-site groundwater.

The chlorinated hydrocarbons detected in the groundwater include trichlorethene (TCE), dichloroethene, and vinyl chloride. TCE was widely used as a solvent for degreasing metal parts, while the latter two compounds are likely byproducts of the degradation of TCE. Because chlorinated hydrocarbons are denser than water, large quantities that are not absorbed by surrounding soils can migrate vertically downward through an aquifer. Additionally, these compounds are soluble in water and can therefore migrate in the dissolved phase with flowing groundwater.

The highest levels of chlorinated hydrocarbons were encountered in existing well EX-MW-11, where TCE was detected at 150 ppm and the concentration of total chlorinated hydrocarbons was 200 ppm. In contrast, the concentrations of total chlorinated hydrocarbons in nearby wells EX-MW-12 and MW-2 were 0.350 ppm and 0.151 ppm, respectively, and no organic contaminants were detected in nearby wells MW-3 and EX-MW-10. The high concentration of TCE detected in EX-MW-11 appears to be associated with a source area identified on the adjacent Alumax site during a separate investigation. A suspected former underground storage tank (UST) was discovered approximately 45-feet to the south of EX-MW-11 on the Alumax site in 2001. A passive soil gas survey conducted on the Alumax site in 2001 identified a plume of TCE contamination centered in the area of the suspected UST, and TCE was detected at 1,500 ppm in a subsurface soil sample collected in the immediate vicinity of the suspected UST (IT Corp., 2002). This soil sample was collected from a depth of 8.7 to 9.7-feet bgs, at the base of the lacustrine unit that serves as an upper confining layer for the upper-most water bearing

zone, indicating the likelihood that TCE contamination from this source has impacted groundwater in this hydrostratigraphic unit. Consequently, this off-site contaminant source is interpreted as the origin of the high levels of chlorinated hydrocarbons encountered in EX-MW-11.

Chlorinated hydrocarbons at much lower concentrations were also detected in interface wells EX-MW-9 (0.870 ppm), MW-9 (0.766 ppm), and MW-7 (1.90 ppm); and in bedrock well MW-5 (0.008 ppm). While elevated concentrations of TCE were detected in subsurface soil samples collected in the vicinity of MW-9, which is located in an area reportedly used for the discharge of spent solvents, no suspected point sources of the chlorinated hydrocarbon contamination were identified in connection with the other groundwater detection points. As such, the groundwater contamination observed in these wells may be the result of the use of chlorinated solvents in association with facility operations, poor housekeeping practices, and/or the on-site disposal of spent solvents.

The aromatic hydrocarbons detected in the groundwater samples from numerous wells across the site include benzene, toluene, ethylbenzene and xylenes. These compounds are often referred to as BTEX compounds, and are commonly associated with gasoline. The mobility of these compounds ranges from low to moderate for toluene and xylenes, and moderate to high for ethylbenzene and benzene. Total BTEX levels detected in groundwater samples were relatively low, ranging from 0.005 ppm (MW-1) to 0.247 ppm (MW-6). No historical records indicating the on-site storage of gasoline were discovered during the course of this investigation, nor were any point sources of BTEX contamination encountered. However, given the nature of the former site operations, it is likely that gasoline was stored and utilized on-site, perhaps in small quantities. Therefore, the presence of these aromatic hydrocarbons in the groundwater on the site is likely the result of past spills or leaks of gasoline from equipment and vehicles utilized on-site.

Low concentrations of SVOCs, including PAHs, were detected in the groundwater samples collected from MW-1, MW-4, MW-6, MW-7, MW-9, MW-11, and EX-MW-10. However, the concentrations of these compounds slightly exceeded the regulatory standards in only three of these wells (MW-1, MW-4 and MW-6). The majority of the SVOCs detected have relatively low solubilities in water, and are characterized as slightly mobile to immobile in the subsurface. The wells in which these compounds were detected are located within or immediately down-gradient from the area in which elevated SVOC levels were detected in surface soil/fill samples. As such, the presence of these compounds in the groundwater at these locations is attributed to the leaching of contaminants from the overlying soil/fill.

4.8.5 Building Materials and Surfaces

4.8.5.1 Asbestos-Containing Materials

Substantial quantities of non-friable (approximately 138,150 ft²) and limited quantities of friable (approximately 80 ft²) ACMs were identified throughout the

on-site building. The only friable ACM that was identified consisted of a white canvas cloth located within the boiler room of Building No. 80. The non-friable ACMs consisted of window caulk, window glaze and transite panels identified throughout the building. Additional non-friable ACMs included tar paper identified on exterior walls and the ceiling of Building No. 54, roofing tar identified on Building Nos. 80 and 85, and small amounts of a mastic material identified within the interior of Building No. 80.

4.8.5.2 Concrete Flooring

Based on interviews provided by former Roblin Steel employees the elevated levels of PCBs detected on the concrete flooring of the former transformer rooms farthest to the west are likely the result of a large spill of transformer oil. The PCBs detected on the remaining concrete pads from the former electrical substation and the concrete flooring from the former transformer rooms on the east side of the site are likely the result of the regular operation and maintenance of the transformers that were once present in these areas.

4.8.5.3 Drains, Sewers and Sumps

Elevated concentrations of metals were detected in all of the sediment and sludge samples obtained from the drains and sumps, and within the sediment sample collected from within the outfall pipe at Hyde Creek. These levels are attributed to metal particulates (e.g., shavings, grindings, etc.) generated during processing operations conducted at the former Roblin Steel facility that were likely washed or swept into the drains, as well as to the discharge of process waste water from former steel plant operations to these structures. In particular the presence of aluminum, cadmium, chromium, cyanide, iron, lead, manganese, nickel, and zinc are commonly associated with the operations performed at a steel mill.

SVOCs detected in the sediment and sludge samples at concentrations that exceed applicable regulatory guidance levels consist primarily of PAHs. The highest concentrations of PAHs were detected in sediment collected from SMP06 followed by SMP01, which also contained PCBs above the regulatory values. The presence of these contaminants is likely related to poor housekeeping practices resulting in past releases of petroleum products and/or wastes used in connection with the facility process equipment. Additionally, interviews with former employees of Roblin Steel indicated that SMP01 was utilized as a waste disposal sump for process wastes generated in the facility.

Volatile organic compounds consisting primarily of solvents were also detected in the sediments collected from the sumps. The presence of these compounds in the sumps is likely the result of poor housekeeping practices and/or the discharge of process waste water to these structures.

The extent of the contamination associated with the facility's drainage control system has not been fully defined because this system has not been fully delineated. This is a function of the age of the system, and the limited available site information associated with this system.

5.0 IDENTIFICATION OF AREAS OF CONCERN

Based on the results of the Site Investigation (SI) the following Areas of Concern (AOC) were identified:

- **Area of Concern No. 1:** TCE Contaminated Subsurface Soil in the Vicinity of TB12;
- **Area of Concern No. 2:** Site-Wide Groundwater Contamination;
- **Area of Concern No. 3:** Elevated Metals in Surface Soils in Former Baghouse Areas;
- **Area of Concern No. 4:** Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Soils;
- **Area of Concern No. 5:** Polychlorinated Biphenyl (PCB) Contamination on Former Transformer Room Floor;
- **Area of Concern No. 6:** Soil/ Debris Piles North of the Existing Building;
- **Area of Concern No. 7:** Sumps and Drains within the Existing Building;
- **Area of Concern No. 8:** Wooden Floor Blocks;
- **Area of Concern No. 9:** Contaminated Subsurface Soil in Former Fuel Oil Tank Farm in the Northeast Corner of the Site;
- **Area of Concern No. 10:** Storm Sewer Pipe to Hyde Creek;
- **Area of Concern No. 11:** Asbestos Contained within the Existing Building; and,
- **Area of Concern No. 12:** Potential PCB-Containing Light Ballasts

The nature of contamination discovered during the initial site investigation that lead to the identification of the AOCs is outlined in the following subsections. The location of each AOC is shown in Figure 16.

5.1 Area of Concern No. 1

Area of Concern (AOC) No. 1 consists of VOC contaminated soil detected on the south side of the existing building in the area of the former GFM Cooling Tower. The concentration of TCE (200,000 ppb) and total VOCs (200,017 ppb) detected in a subsurface soil sample collected from TB12 exceeded the applicable guidance levels. The sample, collected from 0'-4' below ground surface, consisted of a black and dark brown sandy fill. Interviews with former Roblin Steel employees indicated that indiscriminant dumping of liquid wastes might have occurred at this location. The groundwater analysis from MW-09 (the same location as TB12) also indicated the presence of trichloroethene, as well as its degradation by-product 1,2-Dichloroethene. A total of seven VOCs were identified at levels above the water quality standards (WQS) and guidance values at this location.

5.2 Area of Concern No. 2

This AOC encompasses the contaminated groundwater detected throughout the project site. One or more VOCs were detected in each of the groundwater samples collected from the interface monitoring wells, with the exception of RSS-MW11 and EX-MW10. The VOCs detected in the groundwater consisted primarily of solvents and BTEX

compounds. Additionally, the groundwater sample collected from MW05 (bedrock monitoring well) revealed the presence of BTEX compounds and TCE exceeding the WQS. The BTEX levels detected in wells across the site were relatively low, with the concentration of total BTEX compounds ranging from 0.005 ppm (MW-1) to 0.247 ppm (MW-6). Although chlorinated solvents were detected in seven of the 15 wells sampled, high solvent concentrations were detected in only one well, existing well EX-MW-11, which contained a total solvent concentration of over 200 ppm. Total solvent concentrations in the remaining six wells were generally below 1 ppm, with the exception of MW-7, which contained a total solvent concentration of 1.9 ppm. As discussed in Section 4.8.4, the heavy contamination observed in EX-MW-11 appears to be emanating from an off-site source area located on the adjacent Alumax site to the south. As such, areas of focus within this AOC include the solvent contamination in MW-9, which will be evaluated in conjunction with AOC No. 1, and the solvent contamination in MW-7.

5.3 Area of Concern No. 3

Area of Concern No. 3 consists of the metals contamination in surface soils and fill located in the two former baghouse areas. These areas included the west end of the site, north of the existing building where RSS-SS12-S was collected, and northeast of the existing building where RSS-SS15-S was collected.

5.4 Area of Concern No. 4

This AOC encompasses the SVOC contamination in the surface soil/fill located in the area of former Building No. 47 and to the north of the existing building. The results of two composite surface soil samples previously collected northeast of the existing building (SS16 and SS17) indicated that total concentrations of semi-volatile organic compounds (SVOCs) exceeded the 500,000 ppb guidance value for total SVOCs. Also, seven parameters from each sample exceeded the guidance value of 50,000 ppb for individual SVOCs. The samples were collected in the area of the former Building No. 47 where steel production activities took place. Additionally, the results of the composite surface soil sample collected northeast of the existing building in the vicinity of the dust collection system baghouse (SS15) also demonstrated elevated levels of SVOCs.

5.5 Area of Concern No. 5

This AOC consists of the PCB contamination detected on the surface of the former Furnace No. 1 transformer room floor. A sample of the concrete pad in the former transformer room located on the east side of the site revealed PCBs exceeding the regulatory value (RSS-SS05-CC). Interviews with former Roblin Steel employees indicated that a transformer explosion occurred at this location causing a release of dielectric fluid.

5.6 Area of Concern No. 6

Area of Concern No. 6 encompasses the debris piles located in the remains of former Building No. 47. These debris piles consist of a mixture of fill, soil, concrete, wood, brick, metal and construction and demolition (C&D) debris. Some of the C&D debris piles were recently removed by the County and disposed of at the Ellery Landfill. Many of the remaining debris piles contain large amounts of soil and fill material intermixed with the C&D debris.

5.7 Area of Concern No. 7

This AOC consists of contaminated sediment and sludge identified in the sumps and drains located on-site. Sediment and sludge samples were analyzed for TCL, VOCs, SVOCs, pesticides, and PCBs as well as TAL metals. The results of these analyses indicated exceedances of the TAGM values for each of the TAL metals in the majority of the sediment and sludge samples. Lead, chromium, cadmium, and mercury were detected at levels at least an order of magnitude greater than the TAGM value in the majority of the samples. VOCs were detected above the TAGM values in the sediment samples collected from RSS-SMP01, RSS-SMP07 and RSS-SMP08. Exceedances of the TAGM values for six or more SVOCs were detected at each of the sampling locations. The highest concentration of SVOCs was detected in the sample collected from RSS-SMP01. Furthermore, pesticides and PCBs were also found at this location at concentrations that exceeded the regulatory values.

5.8 Area of Concern No. 8

This AOC consists of the wood block flooring located in the remains of the former Building No. 47. Some of the flooring is still in place, while in other areas, the blocks are in small piles. Some floor areas were pried up during the SI to determine the type of flooring located beneath the block, which was found to be concrete. The wood blocks by nature of their composition and location in the facility were believed to be potentially contaminated with creosote, oil, PCBs, metals, etc.

5.9 Area of Concern No. 9

Area of Concern No. 9 includes the fuel oil contaminated soil located in the vicinity of the former fuel oil tank farm in the eastern most portion of the site. Subsurface soil collected and analyzed from TP01 and TP02 during the SI revealed a number of individual SVOCs exceeding guidance values. The SVOCs detected consisted primarily of PAHs, with four in TP01 and six in TP02 exceeding TAGM 4046 guidance values. However the cumulative concentration of each of these samples was below the guidance value for total SVOCs. Nonetheless, visual and olfactory observations revealed petroleum odors and stained soil, which are considered nuisance characteristics.

5.10 Area of Concern No. 10

Area of Concern No. 10 consists of the storm sewer pipe that discharges to Hyde Creek. A sediment sample was collected from within the outfall pipe and submitted for chemical analysis. Metals in the sediment sample were detected at levels exceeding guidance values, with the exception of cobalt, lead, mercury, potassium, thallium and vanadium. Numerous SVOCs were also detected in this sample, seven of which exceeded the soil cleanup objectives for individual SVOCs as recommended in TAGM 4046.

5.11 Area of Concern No. 11

Area of Concern No. 11 includes the asbestos containing building materials (ACM) within the existing building. A total of 32 bulk samples of suspect ACMs were collected from interior and exterior building components during the SI. Substantial quantities of non-friable and a very limited quantity of friable ACMs were identified throughout the on-site building. Window caulk, window glaze and transite panels identified throughout the building are considered asbestos containing. Tar paper identified on exterior walls and the ceiling of Building No. 54 are reported as being asbestos containing. Roofing tar identified on Building Nos. 80 and 85 were noted to contain asbestos. Additionally, a small amount of canvas cloth material identified within the interior of Building No. 80 was noted to contain friable asbestos.

5.12 Area of Concern No. 12

Area of Concern No. 12 includes the fluorescent and High Intensity Discharge (HID) light fixtures and associated ballasts observed throughout the interior of the existing building. The fluorescent units were observed in the rooms along the north wall of the building, while the HID units were observed throughout the high-bay portion of the structure. Based on the age of the building there is the potential for the ballasts to contain PCBs.

6.0 SUPPLEMENTAL SITE INVESTIGATION

6.1 General Discussion

During the course of the SI a local industry expressed interest in redeveloping the project site if remedial measures could be implemented and the property could be transferred by the end of 2003. Therefore, in order to expedite the SI/RAR process an Interim Remedial Measures (IRM) approach to facilitate redevelopment was discussed with the NYSDEC. An IRM is a discrete set of activities to address both emergency and non-emergency site conditions that can be undertaken without extensive investigation and evaluation to prevent, mitigate, or remedy environmental damage or the consequences of environmental damage attributable to a site. In order to define the lateral and vertical extent of contamination identified within the AOCs and determine if an IRM approach was applicable at this site, a Supplemental Site Investigation (SSI) was performed. The following sections summarize and document the investigative methods employed to further characterize the AOCs and define the extent of contamination in each AOC, (if applicable). The locations of the AOCs are depicted in Figure 16, while the individual surface, subsurface and sump sampling locations are depicted in Figures 11B, 12B and 13 respectively.

6.2 Methods of Investigation

The scope of the SSI was developed in consultation with the NYSDEC and was consistent with the investigative program described in the December 24, 2002 SSI scoping letter that was approved by the NYSDEC. Additionally, the field and laboratory methods employed during the supplemental site investigation program were consistent with those outlined in the NYSDEC-approved *Final SI/RAR Work Plan* (August 2002) developed for the project site.

The following subsections describe the investigation activities that took place during the SSI including the methods employed for sample collection as well as the number of samples collected and the analysis performed on the collected samples. Area of concern Nos. 9-12 were not investigated during the SSI, because the nature and/or extent of contamination contained within these areas had been sufficiently defined.

6.2.1 Area of Concern No. 1

TVGA utilized an excavator and push probe unit to explore the subsurface in the vicinity of TB12/MW09 in an effort to delineate the extent of VOC contamination in subsurface soil in this AOC. The excavator was used at areas south and southeast of MW09, outside of the building. Push probes were also utilized outside of the building as well as inside the building through fractures in the concrete floor. Two test pits (Test Pit Nos. 43 and 44) and eight soil probes (Soil Probe Nos. 41-48) were advanced within this area of concern. Test pit logs and soil probe logs are included in Appendices A and B

respectively. This effort included the screening of soils for VOCs with a Photoionization Detector (PID).

In an effort to define the limits of contamination, TVGA collected eight soil samples (SP42-SP46, SP48, TP43, and TP44) from areas suspected to be free of significant contamination (based upon field screening) that were subsequently analyzed for Target Compound List (TCL) VOCs by ASP 95-1. These sample locations included Soil Probe Nos. 42, 43, 44, 45, 48 and Test Pit Nos. 43 and 44. Additionally, Soil Probe No. 46, which demonstrated the highest PID reading (320 ppm) in the 0-4 foot interval, was analyzed for Toxicity Characteristic Leaching Procedure (TCLP) VOCs and SVOCs in an attempt to pre-profile the soil for off-site disposal.

6.2.2 Area of Concern No. 2

In an effort to investigate potential sources of the groundwater contamination identified in MW09 and MW07, TVGA utilized an excavator and push probe unit to explore subsurface conditions in the vicinity of these wells. Investigatory methods employed in the vicinity of MW09 are outlined above in subsection 6.2.1. The area hydrogeologically upgradient of MW07 was investigated using the excavator at the areas to the north and east of MW07, while the push probe unit was used to the north, west, and northwest of MW07, as well as south and southeast, inside the Former Building No. 47 footprint. A total of seven test pits (Test Pit Nos. 36-42) and fourteen soil probes (Soil Probe Nos. 49-62) were advanced in this area. Test pit logs and soil probe logs are included in Appendices A and B, respectively. All soil samples were screened for VOCs with a PID.

TVGA selected seven soil samples from the test pits and soil probes that were analyzed for TCL VOCs by ASP 95-1. These sample locations included Soil Probe Nos. 49, 50, 52, 57, 59, and 60 and Test Pit No. 38. A sample was also collected from Soil Probe 60, which demonstrated the highest PID reading (116 ppm) in the 4-8 foot bgs interval. That sample was analyzed for Toxicity Characteristic Leaching Procedure (TCLP) VOCs as well as TCL VOCs in an attempt to pre-profile the soil for off-site disposal. Also, based on visual and olfactory observations in the field, an additional subsurface soil sample was collected from Test Pit No. 37, east of MW07, and analyzed for TCL VOCs and SVOCs. Additionally, one groundwater sample was also collected from MW07 and analyzed for VOCs in an effort to verify the initial analytical results from this well. The well sampling log for groundwater sampling conducted at MW07 is included in Appendix C.

6.2.3 Area of Concern No. 3

In an effort to delineate the lateral and vertical extent of metals contamination in this AOC, discrete surface and subsurface soil samples were collected and analyzed for TAL metals using ASP methods.

TVGA collected eight discrete surface soil samples (SS23 – SS30) north of the existing building in the vicinity of the dust collection system baghouse where RSS-SS12-S was previously collected. Also five discrete surface soil samples (SS31 – SS43) were

collected from the area northeast of the existing building in the vicinity of the dust collection system baghouse where RSS-SS15-S was previously collected. Furthermore, at each of these surface soil sample locations, a subsurface soil sample was collected at a depth of 1' bgs. Based on the analytical results from the surface soil samples, three subsurface soil samples from each of the two former baghouse areas were selected for chemical analysis. The subsurface soil samples included SS25-S, SS26-S, and SS28-S, which were selected from the former baghouse area on the west side of the site, and SS41-S, SS42-S and SS43-S from the former baghouse area on the east side of the site.

Additionally, SS28-S, which demonstrated the highest levels of metals, was analyzed for TCLP metals in an attempt to pre-profile the soil for off-site disposal.

6.2.4 Area of Concern No. 4

Two composite surface soil samples were collected north of the existing building within the eastern (SS16-S) and western (SS17-S) ends of the former Building No. 47 footprint during the initial site investigation. The samples revealed that the total concentrations of SVOCs exceeded the guidance value of 500,000 ppb in both areas. Additionally, the results of the composite surface soil sample collected northeast of the existing building in the vicinity of the dust collection system baghouse also demonstrated elevated levels of SVOCs. Discrete samples were therefore collected from these three areas and analyzed for TCL SVOCs in an attempt to delineate the areas of elevated PAHs. Furthermore, in each of the four corners of the Former Building No. 47 footprint, and at each of the surface soil sample locations northeast of the building, a subsurface soil sample was collected at a depth of 1' bgs.

TVGA collected eight discrete surface soil samples (SS31-SS38) outside the perimeter and in center of the remains of Building No. 47 where SS16-S and SS17-S were previously collected, four subsurface soil samples SS31-S, SS32-S, SS37-S, and SS38-S from each of the corners of the Former Building No. 47 footprint, and five surface soil and five subsurface soil samples (SS39-S - SS43-S) from the former baghouse area located northeast of the existing building. Each sample was analyzed for TCL SVOCs. Based on the analytical results from the surface soil samples, one subsurface soil sample (SS38-S) was selected for chemical analysis.

Additionally, SS34-S, which demonstrated the highest levels of SVOCs, was analyzed for TCLP SVOCs for disposal profiling purposes.

6.2.5 Area of Concern No. 5

A sample collected from the concrete pad in the former transformer room located on the west side of the site (RSS-SS05-CC) revealed PCBs exceeding the regulatory value during the initial site investigation. One additional sample was therefore collected from the opposite side of the pad (SS09-CC) and four discrete surface soil samples (SS44-S –

SS47-S) were collected immediately outside the perimeter of the pad to better define the extent of contamination. Each sample was analyzed for PCBs.

6.2.6 Area of Concern No. 6

Five composite samples (SDP01 – SDP05) from the soil/debris piles were collected and analyzed for TCLP metals and SVOCs for disposal profiling purposes. Additionally, these samples were analyzed for asbestos containing materials by Polarized Light Microscopy (PLM), New York State Department of Health (NYSDOH) Method 198.1.

6.2.7 Area of Concern No. 7

Characterization of the sediment and sludge in on-site sumps and drains was required to determine toxicity characteristics. In an attempt to characterize this material for off-site disposal, a sludge sample was collected from SMP01 and a sediment sample was collected from SMP06. These samples were analyzed for TCLP SVOCs, pesticides, metals, and PCBs.

6.2.8 Area of Concern No. 8

In an effort to characterize the wood blocks for disposal, three samples of the blocks (SS48, SS49, and SS50) were collected for analysis. Each block was homogenized by utilizing a chisel to remove a portion of the block exterior, as well as a similar amount of material from the middle of the block in an effort to characterize the entire block. The wood blocks were analyzed for TCLP SVOCs, metals, and PCBs.

6.2.9 SPLP Analysis

A Synthetic Precipitation Leaching Procedure (SPLP) was performed in order to determine the leachability of the SVOCs and metals found in the surface soil areas identified in Area of Concern Nos. 3 and 4 following an exposure to precipitation. Following the receipt of the initial analysis, one soil sample from AOC No. 3 (SS28) and one soil sample from AOC No. 4 (SS34) was submitted for SPLP metals, and SPLP SVOCs, respectively.

6.3 Analytical Results

The STL analytical laboratory reports for each of the samples generated during the SSI are included in Appendix F, while the chain-of-custody records are presented in Appendix G. The data was validated in accordance with the NYSDEC *Guidance for the Development of Data Usability Summary Reports* (DUSR), and the resulting report is included in Appendix H2. A series of tables which summarize the supplemental data, and compare them with the applicable SCGs is also included as Tables 10A - 17. The following subsections discuss the results. The number of samples collected from each

area of concern, (including QA/QC samples), and the corresponding analytical methods are summarized in Table 1B.

6.3.1 Area of Concern No. 1

Table 10A presents the results of the eight subsurface soil samples collected from this Area of Concern. Volatile Organic Compounds commonly associated with solvents were detected in each of the soil samples submitted, however, only one sample contained levels above guidance values. Three VOCs, including 1,2-Dichloroethene, 1,1-Dichloroethane, and trichloroethene, were detected in SP46, collected northwest of TB12, at concentrations exceeding the recommended soil cleanup objectives (TAGM 4046). Additionally, the concentration of total VOCs at this location was 312,400 ppb, which exceeded the cumulative guidance value of 10,000 ppb.

Soil samples collected to the north, south and east of TB12 did not contain VOC levels above guidance values. Therefore, the extent of contamination in these directions has been fully delineated. However, since the analytical results for SP46 indicated higher concentrations of solvents than originally detected within this area of concern, the extent of contamination to the northwest, west and southwest has not been fully defined. Furthermore, the elevated results at this location may indicate a potential contaminant source other than past discharges in the former GMF cooling tower area.

The TCLP VOC results for SP46 indicated that this sample contained concentrations of trichloroethene that are considered hazardous based on the 40 CFR Part 261. No leachable SVOCs were detected in this sample.

6.3.2 Area of Concern No. 2

The groundwater results from the re-sampling of MW07 are presented in Table 11A and confirmed the initial groundwater contamination detected in the original sample. The groundwater from the re-sampling of MW07 contained several VOCs exceeding the WQS including; 1,1-dichloroethane, 1,2-dichloroethene, benzene, trichloroethene and vinyl chloride. A comparison to the original sample showed 1,2-dichloroethene and vinyl chloride detected at levels above those detected in the original sample. Additionally, toluene and total xylenes, which exceeded the WQS in the original sample, were not detected in the groundwater collected during the re-sampling of MW07.

The results from the subsurface soil samples collected in the vicinity of MW07 revealed the presence of VOCs in each of the soil samples submitted, however, only one soil sample (SP60) contained VOCs above guidance values (see Table 11A). The soil sample collected from SP60, collected approximately 20 feet to the west of MW07, contained two individual VOCs above guidance values (1,2-dichloroethene, and vinyl chloride), with total VOCs at this location detected at 23,306 ppb. The TCLP VOC results for SP60 indicated that no leachable VOCs were detected in this sample.

The subsurface soil samples collected to the north, south and east of MW07 did not indicate the presence of VOCs above guidance values. Therefore, it is not likely that the source of the groundwater contamination is located in any of these areas. Soil samples collected to the north and west and southeast of SP60 did not indicate VOCs above guidance values, and therefore the extent of contamination in these directions has been defined. Based on the results of the subsurface investigation of the area surrounding MW07, no point source of the groundwater contamination was discovered.

The excavation of test pits in the vicinity of MW07 revealed the presence of building foundations to the east, and components of a former railroad spur, including the gravel bed, rails, and wooden ties, approximately three to four feet below the ground surface (bgs) to the north and northeast. This subsurface feature may act as a preferential pathway for subsurface contaminant migration. Significant amounts of perched water were discovered within the railroad bed, along with visual and olfactory evidence of contamination consistent with fuel oil and creosote. Based on these observations, a soil sample was collected from TP37 and analyzed for SVOCs. The results indicated the presence of several SVOCs in this sample, however, only chrysene was detected above guidance values. The SVOCs detected in the soil sample collected from TP37 are some of the primary components of creosote, which is a chemical used to preserve wood (i.e. wooden railroad ties). These results indicate that contaminants may be leaching off the railroad ties and may have contributed to the SVOC levels in this soil sample.

6.3.3 Area of Concern No. 3

The TAL metals analysis of the eight surface soil samples collected from the former baghouse areas on the western portion of the site, north of the existing building, and the five surface soil samples collected east of the existing building, are summarized in Table 12A. The results of the surface soil samples collected from the baghouse area on the west side of the site indicate metals concentrations exceeding guidance values at each of the sample locations. The most elevated metals levels were detected in SS25, SS26, and SS28 collected north of the former baghouse area. The results of the subsurface soil samples collected at SS25, SS26, and SS28 at 1' bgs, revealed that the concentrations of the majority of the metals analyzed were lower when compared to the levels detected in the surface soil samples from these locations. These results indicate that the metals contamination is concentrated in the upper 12-inches of soil/fill in the area situated immediately to the north of the former bag house area, and is likely the result of the deposition of emission control dust from the bag house.

The results of the surface soil samples collected from the former baghouse area on the east side of the site indicate metals exceeding guidance values at each of the sample locations. The highest levels of metals were detected in SS41, SS42, and SS43, which were collected from the perimeter of the eastern portion of the former baghouse area. The results of the subsurface soil samples collected at SS41, SS42, and SS43, when compared to those from the surface soil samples from these locations, generally revealed lower levels of metals in the subsurface samples. These results indicate that the metals

contamination in this area is concentrated in the upper 12-inches of soil fill on the east side of the former baghouse, although the limits of this contaminations were not defined.

The surface soil sample that demonstrated the highest levels of metals (SS28) was analyzed for TCLP metals. The results of this analysis did not indicate levels above those listed in the 40 CRF Part 261, therefore the soil is not considered hazardous based on toxicity.

6.3.4 Area of Concern No. 4

Table 13A contains the results for the eight surface soil samples collected at locations immediately outside the perimeter and in the center of the remains of Building No. 47, and the five surface soil samples collected east of the existing building. Semi-volatile organic compounds were detected in each of the discrete surface soil samples collect to the north of the existing building within the former Building No. 47 footprint. With the exception of SS31 and SS37, two or more compounds were detected at each of the surface soil samples at concentrations above the guidance values. The highest concentrations of SVOCs were detected in the samples collected from SS33 (with twelve parameters detected above guidance values) and SS34 (with thirteen parameters detected above guidance values). Additionally, total SVOCs at these two locations exceeded the cumulative guidance value of 500,000 ppb as well as the maximum guidance value for individual SVOCs of 50,000 ppb, with eight individual parameters detected in SS33 and eleven parameters detected in SS34 above 50,000 ppb. These samples were collected on the western portion of the site within the former Building No. 47 footprint. Also, SS38 contained eight parameters above guidance values, two of which exceeded 50,000 ppb. No single parameter was detected above 50,000 ppb in the samples collected from SS31, SS32, SS35, SS36, or SS37. Excluding SS33 and SS34, total SVOCs ranged from 1,700 ppb at SS37 to 413,000 ppb at SS38.

The lack of significant SVOC contamination in the samples collected west of the building footprint indicates that the extent of contamination in this direction has been defined. The discrete sample (SS37) collected outside the southeast corner of the building footprint did not contain any SVOCs above guidance values, therefore the extent of contamination to the southeast of the building footprint has been defined. Furthermore, decreasing SVOC concentrations were observed along the northern and eastern perimeters of the former building footprint. No samples were collected in he area to the south of the former Building No. 47 footprint, however the northern limits of the existing building would form an effective southern limit for this AOC.

Based on the results from SS38, a sample collected from 1' bgs at this location was submitted for SVOC analysis. The results from this subsurface soil sample revealed that the parameters detected were similar to those detected in the surface soil sample. However, the concentrations of each of the parameters detected in the subsurface sample was at least an order of magnitude lower than those detected in the surface soil sample. Also, only five parameters were above compount-specific guidance values for

the subsurface sample as compared to seven parameters in the surface soil sample. Additionally, total SVOCs were less than the cumulative guidance value of 500,000 ppb, and no single parameter was detected above 50,000 ppb. Therefore, it appears as though the heaviest SVOC contamination occurs within the upper 12-inches of soil/fill in this AOC.

Semi-volatile organic compounds detected in the discrete surface soil samples collected in the former baghouse area located east of the building were relatively low with only two of the samples containing SVOCs above regulatory values. The sample collected from SS39 contained two SVOCs and SS43 contained four SVOCs at concentrations above guidance values. Additionally, total SVOCs were less than the guidance value of 500,000 ppb, and no single parameter was detected above 50,000 ppb.

The results of the samples collected to the south of the former baghouse did not indicate any SVOCs above the guidance values. Therefore, the extent of contamination in this direction has been defined. However, since the samples collected to the northwest and northeast displayed SVOC levels above guidance values, the extent of SVOC contamination to the north, east and west has not been fully defined.

The surface soil sample that demonstrated the highest levels of SVOCs (SS34) was analyzed for TCLP SVOCs. No leachable SVOCs were detected in this sample, therefore the soil is not considered hazardous.

6.3.5 Area of Concern No. 5

The PCB results from the concrete sample collected from the concrete pad of the former transformer room located on the west side of the site and the four surface soil samples collected immediately outside the perimeter of this pad are summarized in Table 14. The results of this analysis indicate that PCBs were detected above the regulatory values in the concrete sample (SS09-CC) and the surface soil samples collected to the south, east and west of the pad (SS44-SS46). The surface soil sample collected from the west side of the concrete pad, demonstrated the highest levels of PCBs.

These results indicate that PCB contamination is not limited to the concrete pad and that the surrounding soils to the south, east and west have been impacted. The extent of PCB contaminated soil in these directions has not been defined. The soil sample collected north of the pad (SS47) did not contain any PCBs above regulatory values, therefore the extent of contamination in this direction has been defined. Additionally, the SSI revealed that the soil around the pad is underlain by concrete approximately one foot below the surface, indicating that the thickness of contaminated soil/fill in this area is no greater than 12-inches.

6.3.6 Area of Concern Nos. 6-8

The results of the TCLP analyses conducted on the samples collected from the soil/debris piles, the sumps/drains and the wooden floor blocks are contained in Tables 15-17 respectively. The results indicate that none of these samples contained parameters with concentrations above those listed in 40 CFR Part 26. Additionally, no asbestos was detected in any of the samples collected from the soil/debris piles.

6.3.7 SPLP Data

The results of the SPLP analysis of the surface soil samples collected from AOC Nos. 3 and 4 are presented in Tables 12A and 13A respectively. The SPLP metals results for the sample collected from AOC No. 3 (SS28) indicates that less than 1% of the total metals in the soil sample was extracted by the synthetic leachate. The results of the SPLP SVOC analysis on SS34 indicates that no SVOC were extracted by the synthetic leachate.

6.4 Supplemental Site Investigation Conclusions

6.4.1 Area of Concern No. 1

Based upon the analytical results, the eastern, northern and southern limits of VOC contaminated soil in this AOC have been defined. However, the results from the soil sample collected from SP46 indicated VOCs levels above those detected in the sample collected from TB12. Therefore, the extent of VOC contamination to the west, northwest and southwest has not been fully defined. Based on these findings it is recommended that additional subsurface investigation work be performed in the vicinity of SP46 to determine the vertical and lateral extent of contamination, as well as to investigate the source of this contamination.

6.4.2 Area of Concern No. 2

The investigation of subsurface soils surrounding MW07 did not identify any VOCs above guidance values to the north, south or east of this monitoring well. Therefore, it is not likely that soil contamination in the vicinity of this well is causing the VOC contamination detected in the groundwater at this location. The subsurface soil sample collected approximately 20' to the west of MW07 was the only sample that contained VOCs above guidance values, but this sample does not appear to be situated up-gradient from MW07. Based on the results of the subsurface investigation surrounding MW07, no definite source of the groundwater contamination in this well was discovered.

6.4.3 Area of Concern No. 3

The analytical data indicate that the metals contamination is concentrated in the upper 12-inches of soil in both former baghouse areas. Although the limits of the metals

contamination in these two areas has not been fully defined, these data tend to indicate that the heaviest contamination is situated adjacent to the former baghouse areas.

6.4.4 Area of Concern No. 4

Based upon the analytical data, the western and southeastern limits of the heavy SVOC contamination encountered in the surface soil/fill located in the former Building No. 47 footprint have been defined. Furthermore, decreasing SVOC concentrations were observed along the northern and eastern perimeters of the former building footprint, and the existing building would form an effective southern limit for this contamination. The data also indicate that the SVOC contamination is concentrated in the upper 12-inches of soil/fill within this area.

The results of the samples collected in the vicinity of the dust collection baghouse located northeast of the building did not indicate any SVOCs above the guidance values to the south of the former baghouse. Therefore, the extent of contamination in this direction has been defined. However, since the samples collected in the northwest and northeast displayed SVOC results above guidance values the extent of SVOC contamination to the north, east and west has not been fully defined.

6.4.5 Area of Concern No. 5

The results from the PCB analysis of concrete chip sample and the surface soil samples collected in the vicinity the transformer pad in Area of Concern No. 5 revealed PCBs above the regulatory values in all of the samples collected, with the exception of the soil sample collected north of the pad. However, the soil around the pad is underlain by concrete approximately one foot below the surface. Therefore, the thickness of the PCB-contaminated soil located around the perimeter of the transformer pad is limited to approximately 12-inches.

6.4.6 Area of Concern Nos. 6-8

The TCLP results for the soil/debris piles, the sediment and sludge within the sumps, and the wooden floor blocks indicate no parameters above the regulatory limits established in 40 CFR Part 261.

7.0 DEVELOPMENT OF SITE-SPECIFIC CLEANUP LEVELS

7.1 General Discussion

The former Roblin Steel site is a brownfield site that occupies approximately 12-acres of an inactive industrial park. The project site and the surrounding properties have been used for industrial purposes for over 90 years.

The intended future use of the project site is to redevelop the property for commercial or light industrial purposes. The redevelopment of the site will be controlled through the implementation of engineering and institutional controls. These controls may include the following:

- Implementation of a Soil/Fill Management Plan;
- Treatment and/or disposal of contaminated soil/fill that exceeds site-specific cleanup levels approved by the NYSDEC,
- Implementation of a long-term groundwater monitoring plan,
- Placement of a final surface coverage over the entire site that includes a minimum of twelve inches of vegetative cover over all exposed soil areas, asphalt pavement, buildings, and/or concrete to limit exposure as a pre-condition of occupancy;
- Implementation of erosion and dust control measures;
- Implementing a Community Air Monitoring Plan;
- Erecting fencing around the project site or areas undergoing redevelopment;
- Limiting property use through deed and zoning restrictions;
- Adhering to NYSDEC/NYSDOH notification and reporting requirements; and,
- Instituting health and safety procedures for construction activities and protection of the surrounding community.

Under the intended future use scenario for the project site, the primary consideration in the determination of acceptable clean-up levels is the potential risk to human health posed by residual chemical constituents in the soil/fill and groundwater.

A qualitative risk assessment was performed to assess potential human health and environmental risks associated with the project site. Based on the projected future use scenario for light industrial or commercial use, the existing guidance values for soil set forth in NYSDEC's TAGM No. 4046 are not appropriate. The recommended cleanup values presented in TAGM 4046 were developed for the protection of groundwater and residential land use, and were not intended for use at commercial and/or industrial sites. Higher goals are normally accepted for non-residential properties, and can generally be applied without any risk assessment. Although TAGM No. 4046 allows the use of site-specific or state-wide background soil concentrations for metals, it is commonly known that metals in background soils are highly variable even within specific rural, industrial, commercial and urban locations. The nature of past site operations has resulted in the majority of soil samples collected on the project site having detected concentrations of inorganics exceeding residential background levels for the area. Therefore, the cleanup of soil/fill to background levels is not feasible nor is it practical for the project site.

Heavy metals in contaminated soils are generally less mobile and do not readily leach into groundwater or surface water. Cleanup limits were recently approved by the NYSDEC for volatile organics, heavy metals and carcinogenic PAHs at the LTV Steel and Hanna Furnace sites in Western New York based on leaching studies, an assessment of

site soils and background soils data, and industry-specific risk assessments. The limits approved for these two brownfield sites can be applied to the Roblin Steel site due to their similarities in past site operations and site contaminants, the intended future commercial/industrial use of the site and instituted deed restrictions under the brownfields program. Therefore, Site Specific Cleanup Levels (SSCLs) or action levels for contaminants of concern were developed for the project site as detailed in the Risk Assessment Report in Appendix J.

7.2 Contaminants of Concern

In general, contaminants detected in the soil/fill across the project site at elevated concentrations are the common by-products of the steel manufacturing operations. These contaminants or parameters of concern include:

- **Volatile Organic Compounds (VOCs)** – VOCs present in elevated concentrations in site soils and groundwater are limited to BTEX compounds (i.e. benzene, toluene, ethylbenzene, and xylene) and chlorinated hydrocarbons consisting of trichloroethene and its degradation products, 1,1-dichloroethene, 1,2-dichloroethene, and vinyl chloride.
- **Polycyclic Aromatic Hydrocarbons (PAHs)** – PAHs fall under the more general category of semi-volatile organic compounds (SVOCs). PAHs are the byproducts of incomplete combustion and impurities in petroleum products. As such, they are commonly found in urban and industrial soil environments. They are present in site soils at elevated concentrations in specific areas of the project site. The specific PAH compounds primarily consist of carcinogenic PAHs (cPAHs) that are known to represent human health risks. These compounds are almost exclusively limited to benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and Dibenzo(a,h)anthracene.
- **Inorganics** – Inorganics consist of the heavy metals present in site soils, and to a much lesser extent, groundwater across the project site. The heavy metals of concern present in site soils at elevated levels consist of arsenic, barium, beryllium, cadmium, chromium, copper, lead, silver, selenium and zinc.
- **Polychlorinated Biphenyls (PCBs)** – Because of their heat resistant qualities, PCBs were commonly utilized in dielectric fluids used in transformers. Multiple PCB aroclors were detected on concrete surfaces and in surface soils surrounding a former transformer pad.

The SSCLs developed for the project site along with a brief rationale for these levels are presented in the following table.

**Table 8
Former Roblin Steel Site SIR
Proposed Site-Specific Cleanup Levels**

PARAMETER	Regulatory Value ⁽¹⁾ (mg/Kg)	SITE-SPECIFIC SOIL CLEANUP LEVEL ⁽²⁾ (mg/Kg)	RATIONALE FOR PROPOSED CLEANUP LEVEL ⁽³⁾
TAL - Metals (mg/kg)			
Arsenic	12.7	50	Less mobile in soil, limit is less than TCLP equivalent; near background range in other similar sites; limit approved at other sites
Barium	300	1,000	Relatively immobile, limit is less than TCLP equivalent; lower toxicity than other metals (Pb, Hg, etc.); limit approved at other sites
Beryllium	0.56	5	Limit is within background range at other sites in area
Cadmium	1	20	Low mobility in soil; relatively higher toxicity; limit approved at other sites
Chromium	29	1,000	Low mobility in soil; trivalent chromium has low toxicity; limit approved at other sites
Copper	25	250	Limit is within background range at other sites in area; relatively lower toxicity
Lead	200	1,000	Limit is near background range at other sites; well below USEPA's 5,000 ppm guidance value for CERCLA sites; limit approved at other sites
Selenium	2	50	Low mobility; limit approved at other sites; site concentrations well below limit
Silver	0.14	10	Low mobility; limit approved at other sites; site concentrations well below limit
Zinc	274	85,000	Limit is at 50% of Pennsylvania MSC for non-residential soils; significantly lower toxicity than other heavy metals; no TCLP/SPLP data available
Volatile Organics (mg/kg)			
Individual VOCs	varies	1	Limits accepted as set by NYSDOH
Total VOCs	--	10	Limits accepted as set by NYSDOH
Semi-Volatile Organics (mg/kg)			
Individual SVOCs	varies	50	Limits accepted as set by NYSDOH
Total SVOCs	--	500	Limits accepted as set by NYSDOH
Carcinogenic PAHs (mg/kg)			
Total cPAHs ⁽⁴⁾	--	10	Limits set by NYSDOH
PCBs (mg/kg)			
PCBs	1 (surface soil)	1	Limits set in TAGM 4046 by NYSDEC
PCBs	10 (subsurface soil)	10	Limits set in TAGM 4046 by NYSDEC

- Note: 1. Regulatory values based on NYSDEC TAGM #4046 and site background
2. Proposed cleanup goals assume a clean soil or asphalt cover; Higher limits may be allowable for subsurface soils (>1 foot depth)
3. All the proposed limits are lower than the corresponding limits for non-residential surface soils in Pennsylvania Under Pennsylvania's Land Recycling Program, the limit is 190,000 mg/Kg for each metal in non-residential, subsurface soils
4. Total cPAHs values calculated using B(a)P toxic equivalency factors (B(a)P-TEFs)

7.3 Re-evaluation of AOCs/Identification of Operable Units

Each Area of Concern identified following the completion of the Site Investigation was re-evaluated after the completion of the Supplemental Site Investigation based upon the SSCLs developed for the project site. A comparison of all contaminant levels detected in the soil/fill and sediment samples to the SSCLs are presented in Tables 2B, 3B, 6B and 8B for the SI results and in Tables 10B-13B for the SSI results. This evaluation led to the creation of Operable Units (OUs) that will be investigated as part of IRM activities. The term "operable unit" means a discrete portion of a program that may address geographical portions of a site, specific site problems, or initial phases of a program; and that manages migration or that eliminates or mitigates a release, threat of release, or pathway of exposure. A list of these OUs is presented in Table 18 along with the specific samples that exceeded the SSCLs, the affected media, and the contaminants of concern for each of these OUs. The locations along with the approximate limits of these operable units are presented in Figure 17.

8.0 CONTAMINATION ASSESSMENT

8.1 Contaminant Fate and Transport

The probable fate and transport of contaminants detected on the project site is a function of the properties of the individual contaminants and available pathways for the contaminants to migrate. The physical characteristics of the site and the type and distribution of contaminants determine the degree to which, as well as the route by which, contaminants migrate.

8.1.1 Surface Soil/Fill

Contaminants of concern detected in the surface soil/fill vary across the project site. Contaminants detected above the SSCLs in surface soils consisted of metals, semi volatile organic compounds (SVOCs), carcinogenic polycyclic aromatic hydrocarbons (cPAHs) and polychlorinated biphenyls (PCBs). The primary contaminants of concern are metals and PAHs. Leaching is unlikely to represent a significant migration pathway for the PAHs detected in the surface soil/fill, base upon their relatively low solubilities and high K_{oc} values, because these chemicals have a tendency to adsorb to soil particles. This is supported by the relatively low concentrations of PAHs detected in the groundwater at the site.

Additionally, a synthetic precipitation leaching procedure extraction for metals performed on a surface soil sample that demonstrated the highest levels of metals indicated the metals of concern at this site to be tightly bound to the soils. Therefore, the metals are not likely to leach from the soil and significantly impact groundwater quality. Less than 1% of the total metals in the soil sample were extracted by the synthetic leachate in the sample. This is supported by the absence of the metals of concern in the groundwater samples.

The potential for the mechanical transport of surface soils contaminated with metals and PAHs is via wind and water erosion, which will be reduced by the presence of buildings, pavement, and/or a clean soil cover. Since PAHs have relatively low vapor pressures, they are expected to remain in a solid or liquid state and undergo degradation via natural attenuation.

PCBs were discovered in the surface soils in Operable Unit # 5. The most likely method of transport of these contaminated materials is via wind and water erosion of contaminated soil/fill. PCBs are quite resistant to chemical or biological degradation and tend to persist in the environment. However, based on the results of surface and subsurface soil sampling, it is not likely that PCBs are migrating from their current locations. Furthermore, PCBs were not detected in groundwater at the site.

8.1.2 Subsurface Soil/Fill

Contaminants of concern detected in subsurface soil/fill were limited to SVOCs and metals at sampling locations within Operable Unit Nos. 9 and 13 respectively and VOCs at subsurface locations in Operable Unit Nos. 1 and 4. The metals and cPAHs in the subsurface soil/fill have similar solubility properties to the surface soil/fill, which also contains these contaminants of concern. The SVOC and metals detected in the subsurface appear to be persistent in the soil/fill and have not been subject to substantial leaching based on the groundwater and SPLP sampling results. Additionally, based on their disposition and/or the fact these samples only slightly exceed the SSCLs off-site human and environmental exposure to these contaminants is not a significant concern.

The VOCs detected in the subsurface soil/fill exceeding the SSCLs were discovered within Operable Unit Nos 1 and 4. The VOCs consisted primarily of solvents, which are moderately to highly soluble in water, and are relatively mobile in the subsurface.

8.1.3 Surface Water

Contaminants of concern exceeding the SSCLs in the surface water samples collected from Hyde Creek were limited to metals (i.e. antimony, iron and sodium). The detections of sodium and iron appear to be consistent with natural water quality in the area based on a comparison to groundwater sampling results. The detection of antimony in the upstream surface water sample was the only occurrence of this metal in any of the water samples collected during the site investigations. Antimony was not detected in the downstream sample and therefore is indicative of off-site contamination.

8.1.4 Groundwater

Contaminants of concern detected in the groundwater beneath the site consist primarily of VOCs, including chlorinated and aromatic hydrocarbons. These contaminants were detected in both the upper most water-bearing unit, which occurs at the interface between the overburden and weathered bedrock, and in the shallow bedrock water-bearing unit. Relatively low concentrations of PAHs were also detected in a handful of the wells screened in the upper most water-bearing unit. Although metals were detected in all of the groundwater samples at concentrations above the WQS, these metals are commonly noted to occur naturally in the groundwater of the region and are not interpreted to be site-derived.

As previously noted in Section 4.8.4, the VOCs detected in the groundwater are moderately to highly mobile in the subsurface, and are expected to migrate in the dissolved phase with flowing groundwater. As such, they have the potential to be transported off-site in groundwater flow within both water bearing units, and to ultimately be discharged to local surface water bodies including Hyde Creek and Lake Erie. The presence of these compounds in the monitoring wells located along the down-gradient site boundary is evidence that this off-site migration is presently occurring. Similarly,

PAHs were also detected in a number of the down-gradient wells, and may also be migrating off-site in the groundwater within the upper-most water bearing unit. Given the relatively low concentrations of PAHs detected in these wells and the relatively low mobility of these compounds, however, significant concentrations of PAHs are not expected to migrate substantially in the groundwater. Moreover, the lack of local reliance on groundwater as a source of potable water, and the absence of residential receptors immediately to the north (down-gradient) of the project site minimizes the potential for direct human exposure to groundwater contaminants. Furthermore, it should be noted that no VOCs or PAHs were detected in surface water samples collected from Hyde Creek in the vicinity of the project site.

However, groundwater potentiometric data indicates that the storm sewer located along the southern margin of the site may intercept groundwater within the upper-most water-bearing unit. Consequently, contaminated groundwater may be migrating off-site in this storm sewer line and entering the City's storm sewer system, which ultimately discharges to Lake Erie. As such, off-site human and environmental exposure to contaminated groundwater carried in and/or discharged from the storm sewer system is a concern. It should be noted, however, that the heavy chlorinated solvent contamination detected in EX-MW-11, which is located in close proximity to this storm sewer line, appears to be emanating from a source area located on the adjacent Alumax site to the south.

Based upon the presence of significant concentrations of dichloroethene and vinyl chloride in the groundwater samples, the natural degradation of TCE (the suspected source product) has been occurring in the subsurface of the site for some time. As such, it is reasonable to assume that the degradation of the aromatic, chlorinated and polycyclic aromatic hydrocarbons detected in the groundwater will continue to occur via natural chemical and biological processes.

8.1.5 Sediments/Sludge in Sumps

Contaminants detected in sediment and sludge collected from drains and sumps within the facility primarily consist of a mixture of metals and SVOCs. PCBs were also detected at one sump location (SMP01). Additionally, VOCs consistent with solvents were detected in the sediment samples collected from SMP01 and SMP07-08. Contaminated sediment within the facility's sumps has the potential to become suspended in and transported by storm water that enters the sumps and overflows these structures.

Additionally, as part of the site investigation activities being performed on the Alumax property which adjoins the project site to the south, a storm water sample will be collected from the only operational catch basin that was discovered, which is located approximately 25' west of the facility building, to determine if contaminants are migrating off-site in the sewer system. The on-site sewer system has not been fully delineated, therefore there is the potential for the discharge of contaminated groundwater and storm water at other unknown discharge points.

8.1.6 Building Components

Asbestos was the primary contaminate of concern detected in the building components. Non-friable ACMs are relatively resistant to weathering and are not expected to migrate from the project site. However, asbestos fibers released as a result of the degradation of friable ACMs are susceptible to dispersion via wind currents and/or transport via stormwater. Based upon the condition of the building and the fact that only limited friable ACMs (80 square feet of white canvas cloth inside former building #80) were detected, it is not likely that friable ACMs are being exposed directly to the environment.

8.2 Evaluation of Potential Receptors

The project site is located in an area that is characterized by a mixture of residential, commercial and light industrial properties. The surrounding area is serviced by the municipal water supply system of the City of Dunkirk, which withdraws water from Lake Erie located over 1-mile to the northwest of the project site. Considering the separation distance, which acts as a buffer between the site and the closest residential property, and the lack of local reliance on groundwater as a potable water supply source, exposure to on-site contamination via groundwater is not a significant concern.

The project site is currently abandoned and unoccupied. Access to the site is partially restricted by perimeter fencing and the adjoining property is monitored by full-time security guards and cameras, which should provide some measure of security for the project site. However, due to the lack of fencing along the northern and eastern portions of the property, site entry by trespassing members of the public is possible.

Under current conditions, potential human receptors include persons living and working in the area surrounding the project site; persons working or trespassing on the project site; and persons involved in utility work on and adjacent to the project site. Persons living in the vicinity of, or involved in recreational activities within Hyde Creek could also become potential human receptors if contaminated storm water were to be discharged to this creek.

The planned future use of the site following the IRM activities is for commercial and/or light manufacturing purposes. The goal of the IRM is to monitor groundwater across the site, excavate highly contaminated surface and subsurface soils, remove PCB contaminated materials, remove asbestos containing building materials, clean and close the on-site sumps, and disconnect and plug the outfall pipe to Hyde Creek. Under this scenario, and assuming that the remaining areas of the site will be covered by impervious surfaces and/or a new vegetative cover, potential human receptors include persons involved in the IRM activities and/or intrusive work on and adjacent to the project site. However, the exposure to contaminated soil/fill on the project site will likely be minimized by implementing a Soil/Fill Management Plan, which is being developed in conjunction with the IRM Work Plan

Potential environmental receptors include wildlife occurring on the project site (e.g., rodents, birds, etc.). Additionally, should on-site contamination be released via groundwater and/or the storm sewer system to Hyde Creek, terrestrial and aquatic organisms inhabiting this drainage course or using it as a source of drinking water and/or food would also be considered potential environmental receptors.

8.3 Potential Exposure Pathways

Contaminants of concern include heavy metals, carcinogenic PAHs and asbestos, as well as PCBs, which are classified as probable human carcinogens.

8.3.1 Surface Soil/Fill

Under the current use scenario, persons working in the vicinity of and/or persons trespassing on the project site could be exposed to heavy metals and cPAHs in the surface soil/fill via inhalation of airborne particles, incidental ingestion of, or dermal contact with the contaminated media. Additionally, there is the potential for these people to be exposed to the PCBs detected in the surface soil/fill of Operable Unit No. 5 via similar exposure routes. Also there is the potential for these persons to be exposed to contaminated surface soil/fill via suspended particulates in storm water runoff into Hyde Creek.

Construction workers, site visitors and persons living, working and traveling through the project site could be exposed to the heavy metals, cPAHs and PCBs in the surface soil/fill during excavation of the contaminated soil/fill in connection with the IRM activities and/or site redevelopment. Potential exposure routes for these receptors include inhalation of contaminated dust, and incidental ingestion of, and/or dermal contact with the contaminated soil/fill. However, the use of appropriate personal protective equipment, dust suppression techniques, and the development and implementation of a Soil/Fill Management Plan would likely minimize the risk of exposure during the IRM and/or site redevelopment construction activities.

No complete exposure pathways have been identified in connection with the post-redevelopment period, assuming that the contaminated surface soil/fill is not exposed at the ground surface.

8.3.2 Subsurface Soil/Fill

The presence of slightly elevated concentrations of metals and SVOCs in subsurface soil/fill and VOCs at two locations on the project site is not interpreted to represent a human exposure risk because no complete exposure pathways were identified under the current use scenario for the property. This is a function of the subsurface disposition of the contamination, lack of significant detections of metals and SVOCs in the groundwater, the presence of concrete surfaces overlying the majority of the VOC contaminated subsurface soil/fill, and the semi-restricted site access, which effectively

minimize the potential for the incidental ingestion of, or dermal contact with the contaminated media. These factors also reduce the potential for the emission of organic vapors and particulates that could pose an exposure risk via inhalation. This applies to persons living, working and traveling through the area surrounding the project site, as well as persons visiting, working or trespassing on the project site.

Construction workers, site visitors and persons living, working and traveling through the project site could be exposed to the metals, SVOCs, and VOCs in the subsurface soil/fill during excavation of the contaminated soil in connection with the IRM activities and/or site redevelopment. Potential exposure routes for these receptors include inhalation of organic vapors and/or contaminated dust and incidental ingestion of, and/or dermal contact with, the contaminated soil/fill. However, the use of appropriate personal protective equipment, dust suppression techniques, and the development of a Soil/Fill Management Plan would likely minimize the risk of exposure during the IRM and/or site redevelopment construction activities.

No complete exposure pathways have been identified in connection with the post-redevelopment period, assuming that the contaminated fill is not exposed at the ground surface.

8.3.3 Surface Water

No site-derived contamination was detected in surface water samples collected from Hyde Creek.

8.3.4 Groundwater

Groundwater in the vicinity of the project site is not utilized as a source of potable water. Therefore, no exposure via ingestion of contaminated groundwater is likely. However, based on the fact that little information is available regarding the abandoned sewer system, which has not been fully delineated, there is the potential for VOCs present in the groundwater to be introduced by infiltration into the on-site sewer system, which in turn may still be tied into the City system. Under this scenario there is the potential for utility workers involved with the cleaning and/or maintenance of drainage structures to be exposed to the VOC contaminated groundwater present in these structures. Construction workers could also be exposed to the contaminated groundwater during excavation activities performed in connection with redevelopment activities. Potential exposure routes for these receptors include inhalation of organic vapors, and/or incidental ingestion of, and/or dermal contact with, the contaminated groundwater. However, the use of appropriate personal protective equipment and groundwater management techniques would likely minimize the risk of exposure during site redevelopment.

8.3.5 Sediment and Sludge in the Sumps and Drains

Under the current use scenario no complete human exposure pathways were identified in connection with the contaminated sludge and sediment in the on-site sumps and drains. However, given the fact that the on-site sewer system has not been fully delineated there is the potential for utility workers involved with the cleaning and/or maintenance of drainage structures owned by the City that may still be tied into the on-site sewer system to be exposed to the metals, VOCs, SVOCs and PCBs present in the contaminated sediments and sludge in these structures. The potential exposure routes for these workers include incidental ingestion of, and/or dermal contact with, the sediment/sludge while working in any interconnected drainage structures. The potential for the exposure of members of the public also exists should the sediment/sludge enter Hyde Creek and be transported by stormwater, or dispersed by wind currents. Potential routes of exposure in such an instance would include the incidental ingestion of, or dermal contact with, the sediment/sludge or storm water containing suspended particulates of the contaminated material, as well as the inhalation of contaminated dust generated via the wind erosion of dried sludge or sediment. Lastly, fish and wildlife inhabiting Hyde Creek could be exposed to the contamination via ingestion of, or contact with, impacted sediments and/or surface water. If the migration of contaminated sediment were to occur in this manner, these exposure pathways would exist under the current and future use scenarios.

Construction workers, site visitors and persons, working and traveling through the project area could be exposed to the metals, VOCs, SVOCs and PCBs in the sediment and sludge during site redevelopment. Potential exposure routes for these receptors include inhalation of organic vapors and/or contaminated dust, and the incidental ingestion of, and/or dermal contact with, the contaminated sediment. However, the use of appropriate personal protective equipment and dust suppression techniques would likely minimize the risk of exposure during site redevelopment.

No complete exposure pathways for on-site sludge and sediment contamination have been identified in connection with the post redevelopment period, assuming that the sumps, drainage structures and their contents are not exposed at the ground surface.

8.3.6 Building Components

Under the current use scenario, persons living and working in the area immediately surrounding the project site have the potential to be exposed to asbestos via the inhalation of asbestos fibers released from damaged, friable ACMs that are exposed to wind currents. The risk of asbestos exposure during building demolition or renovation activities would be minimized through the implementation of proper abatement, control and monitoring procedures as required by applicable state and federal regulations. This risk would be eliminated with the removal and proper disposal of the asbestos-containing demolition debris, and, therefore, would not apply to the future use scenario.

The presence of PCBs on the concrete transformer pad located in Operable Unit # 5 is not interpreted to represent a human exposure risk because no complete exposure pathways were identified under the current use scenario for the property. This is based on the disposition of the PCBs within the concrete foundation, which makes exposure to or inhalation of PCB contaminated concrete unlikely. However, construction workers could be exposed to the PCB contamination during site redevelopment.

9.0 SUMMARY AND CONCLUSIONS

9.1 Overview

An investigation of the Former Roblin Steel Site, located at 320 South Roberts Road in the City of Dunkirk, New York, was performed on behalf of Chautauqua County as part of the Site Investigation/Remedial Alternatives Reporting (SI/RAR) program being conducted at the site. The County has received State financial assistance to conduct this program under the Environmental Restoration, or Brownfield, component of Title 5 of the Clean Water/Clean Air Bond Act of 1996. The Site Investigation of the Former Roblin Steel Site was a multi-phased program that consisted of an initial Site Investigation (SI) that was performed in the summer of 2002 and a Supplemental Site Investigation (SSI) performed in February 2003. The objective of the site investigations was to characterize the site and determine the nature and extent of contamination occurring in or on the on-site soil/fill; groundwater; storm sewer system; and building surfaces, components and materials. The SI identified multiple Areas of Concern (AOCs) on the project site that were further investigated during the SSI to better define the vertical and lateral extent of the contamination. The resulting data was used to qualitatively evaluate potential risks to human health and the environment associated with current site conditions and potential future use scenarios, as well as to develop Remedial Action Objectives (RAOs).

9.2 Scope of Site Investigations

The scope of the site investigations were in general conformance with that outlined in the *Final SI/RAR Work Plan* developed for the site and approved by the New York State Department of Environmental Conservation (NYSDEC). Minor modifications to the scope of the field program were made during the course of the investigations, in consultation with the NYSDEC, to account for the site conditions encountered. The primary tasks associated with the field investigations included:

- Preparation of a topographic survey of the site.
- Performance of a radiation survey over the building and ground surfaces as well as during the subsurface investigation of the project site in an effort to locate any potential areas of elevated radiation. No elevated radiation areas were found
- Field screening of surface soil/fill utilizing an x-ray fluorescence (XRF) unit to identify areas of elevated metals concentrations;
- Representative samples of surface soil and fill materials were collected from previously identified areas of concern (e.g., fuel oil tank farm, residual K061 waste areas, construction and demolition debris areas, etc.), as well as from points selected to represent typical conditions across the site.

- The drilling of twelve test borings, advancement of sixty-two soil probes and the excavation of forty-four test pits across the site in areas of potential concern to collect, screen and classify surficial deposits;
- Installation of eleven groundwater monitoring wells to determine groundwater flow direction and facilitate the collection of representative groundwater samples. Four existing monitoring wells were also sampled;
- Inspection of drains and sumps located on the project site to identify and sample potentially contaminated liquids, sediments and sludges and to determine the function of these structures, if possible;
- The sampling of concrete building surfaces that may have been exposed to polychlorinated biphenyls (PCBs), and the identification of potential PCB-containing electrical equipment;
- Chemical analysis of soil/fill material, sediment, sludge, surface water, groundwater and concrete samples;
- Disposal profiling of contaminated soil/fill and sediment, wood floor blocks and soil/debris piles on the project site; and
- The identification, sampling and laboratory analysis of suspected asbestos-containing materials (ACMs).

Field and laboratory procedures were performed in accordance with the *Final Field Sampling Plan* and the *Final Quality Assurance/Quality Control (QA/QC) Plan* developed for the project.

9.3 Physical Conditions of the Project Site

The project site and surrounding residences and businesses within the City of Dunkirk are serviced by the municipal water supply system that relies upon water withdrawn from Lake Erie.

Field observations and geologic samples collected during the performance of the subsurface investigation indicated the presence of fill material consisting of slag, foundry sand, soil, gravel, brick and concrete across the project site. The fill material extends from the ground surface to 2-7 feet below grade, and overlies a heterogeneous mixture of fine-grained glacial deposits ranging from clayey silts to silty clay units with varying percentages of sand and gravel. The glacial deposits are generally comprised of an upper, lacustrine unit underlain by a thin till unit that unconformably overlies shale bedrock, which occurs at approximate depths ranging from 2-15 feet below the ground surface. Bedrock core samples taken during the site investigation indicated that the

upper most 3 to 5 feet of bedrock is slightly to severely weathered and consists mainly of a dark gray to gray shale.

Hyde Creek, which is located approximately 100' from the northeast corner of the project site, flows in a northwesterly direction towards Middle Road where it enters a City storm sewer that eventually discharges to Lake Erie at the foot of Serval Street. Hyde Creek is a Class C stream according to 6 NYCRR Part 839.

Hydrogeologic conditions across the site were investigated through the installation of 11 groundwater monitoring wells and the use of four existing on-site wells. Nine of the wells were screened across the interface between the overburden and the weathered shale bedrock, similar to the four existing wells and two wells were installed in the competent shale bedrock.

Although perched water was encountered in the permeable fill at several locations across the site, saturated conditions were not consistently observed in the fill layer. As such, the upper-most water-bearing zone defined on the project site occurs within the glacial till and weathered shale bedrock.

Static water level measurements taken from the interface wells indicate that the groundwater in this hydrostratigraphic unit is under confined or semi-confined conditions, with the overlying lacustrine unit functioning as an upper confining layer. Groundwater flow in this zone is generally to the northwest on the north side of the building and to the northeast on the east side of the building. A depression in the potentiometric surface, centered to the south of the building, is interpreted to result from the discharge of groundwater into the storm sewer line that extends westward along the alley between the on-site building and the former Alumax building to the south. However, the sewer line does not appear to be intercepting groundwater flow from this water bearing zone in the western portion of the site.

Groundwater in the shallow bedrock water-bearing zone is also believed to be under confined or semi-confined conditions.

The structural members in the west end of the existing building appear sound and the roof has a prestressed concrete deck in good condition, however the roofing membrane needs to be replaced. Near the middle of the building the structural members are in good condition, however, they may be light for modern snow loads. The roofing membrane also has holes in it. On the east end, trusses are light and thin. Although the building generally has withstood the test of time, it is doubtful that structural members would meet modern snow load design criteria. The structure lacks doors, utilities have been disconnected or removed, the sheet metal siding and roof are in various states of disrepair, and the majority of the windows are broken. The floor within the building is a combination of concrete and earth. A review of historical maps and drawings indicate the earthen portions are former below grade storage and processing areas, which have been backfilled with non-native soils and fill. These subsurface features include but are not

limited to: an abandoned fuel oil storage cellar; a cooling bed; remnants of the descaling pit; and an AST basement. Other smaller earthen fill areas not identified in historical drawings were identified during the site investigation in the southwest and northwest portions of the building. Portions of the concrete floor on the east end of the building have heaved from frost penetration.

All process equipment has been removed from inside the building, but numerous light fixtures with ballasts that may contain PCBs are still present within the structure. Federal regulations require that PCB ballasts are properly transported to, and disposed of in, a Toxic Substance Control Act (TSCA) approved disposal facility upon removal from service.

The on-site storm water and wastewater systems are abandoned and not well understood. Limited site utility maps and historical information is available, interviews with a former Roblin Steel employee provided little useful data, and catch basins and sumps were difficult to identify due to the condition of the building and presence of fill, debris and brush scattered across the site. A single active catch basin approximately seven feet deep is located 28 feet to the west of the southwest building corner. The catch basin is believed to be connected to the storm sewer that utility plans indicate runs along the south building wall. No other catch basins along the south wall could be located, so it is uncertain whether the line is abandoned.

Located north of the building are the concrete floor slab and portions of the exterior wall foundations of the former Building #47 and other adjacent demolished facilities. Within this building footprint were multiple soil/debris piles consisting of a mixture of fill, soil, concrete, wood, brick, metal and construction and demolition (C&D) debris. The majority of C&D debris piles were recently removed by the County and disposed of at the Ellery Landfill. Also observed within the Building No. 47 footprint were wooden blocks used in floor construction. Some of the flooring was still in place, while in other areas the blocks were in small piles. Additionally, remnants of railroad ballast and railroad ties were observed during the subsurface investigation performed in the northeastern portion of the property and in the vicinity of gravel road along the northern property line.

9.4 Contamination Assessment

A qualitative risk assessment was performed to assess the potential human health and environmental risks associated with the contaminants detected on the project site. As part of the risk assessment, it was determined that, based on the intended end use of the project site for commercial or light industrial use, the NYSDEC recommended cleanup levels for soil set forth in TAGM No. 4046 were not appropriate. Therefore, Site Specific Cleanup Levels (SSCLs) or action levels for contaminants of concern detected in surface and subsurface soil/fill, sediment and sludge were developed for the project site.

9.4.1 Subsurface Soil/Fill

Contaminants detected in the surface soil/fill above the SSCLs included metals (e.g., cadmium, copper, lead, silver and zinc), polycyclic aromatic hydrocarbons (PAHs), and, to a lesser degree, polychlorinated biphenyls (PCBs). The occurrence of metals contamination is likely related to the presence of emission control dust residues, as well as the deposition of foundry sands, slag, scrap metal and various other processing wastes associated with the heavy industrial activities formerly conducted on the property. The presence of PAHs is also likely related to former industrial activities involving the on-site storage and use of petroleum products, and is attributed to poor housekeeping practices; past releases of petroleum products from storage facilities, conveyance systems and/or processing equipment during normal operation and maintenance; and potential on-site discharges of process wastes. PAH contamination may also be associated with the former operation of railroad spurs throughout the property, particularly on the eastern half of the project site. Spills of dielectric fluids during the routine operation and maintenance of electrical transformers containing PCBs, and releases of said fluids during a catastrophic equipment failure are suspected to be the primary sources of the PCB contamination.

These contaminants have low solubilities in water, and are relatively immobile in the subsurface, as they tend to adsorb onto soil particles. This is supported by the results of synthetic precipitation leaching procedure (SPLP) and toxicity characteristic leaching procedure (TCLP) analyses of the contaminated soil/fill, which demonstrated that the leachability of the inorganic and semi-volatile organic contaminants is very low. The absence of the metals of concern (e.g., cadmium, copper, lead, silver and zinc) and PCBs, and the relatively low concentrations of PAHs in the groundwater also support this assessment. As such, significant concentrations of these contaminants are unlikely to leach into the subsurface and migrate in the groundwater. However, there is the potential for the mechanical transport of contaminated surface soil/fill via wind and water erosion.

Under the current use scenario, persons working in the vicinity of and/or persons trespassing on the project site could be exposed to metals, PAHs and PCBs in the surface soil/fill via inhalation of airborne particles, or through incidental ingestion of, or dermal contact with, the contaminated media. Although the potential for human exposure during re-development activities involving the disturbance of the contaminated surface soil/fill has been identified, the risk of exposure could be effectively minimized through the use of appropriate personal protective equipment and dust suppression techniques. No complete exposure pathways have been identified in connection with the post-redevelopment period, assuming that the remaining soil/fill is not exposed at the ground surface.

9.4.2 Subsurface Soil/Fill

Contaminants detected in the subsurface soil/fill at levels exceeding the SSCLs included metals (barium and copper), PAHs and VOCs consisting of chlorinated hydrocarbons.

The presence of these contaminants in the subsurface was localized in several areas of the site. The metals contamination occurred primarily in isolated areas of subsurface fill (e.g., former oil cellar) and is likely reflective of the chemical composition of the fill material, while subsurface PAH contamination was detected in the former fuel oil AST farm and probably resulted from spills from these storage facilities. As noted in the previous discussion of the surface soil/fill contamination, significant concentrations of these contaminants are unlikely to leach from these media and migrate in the groundwater.

Conversely, the chlorinated solvents detected in subsurface soil/fill in two areas of the site are soluble in water and moderately to highly mobile in the subsurface. As such, they can migrate downward into the groundwater and be transported in the dissolved phase in flowing groundwater. Furthermore, organic vapors can also be released from these soils based upon the volatile nature of the contaminants.

Based upon their subsurface disposition and, in the case of the VOCs, the lack of local reliance on groundwater as a potable water source, the presence of these compounds is not interpreted to represent a significant human exposure risk under the current use scenario for the property because no complete exposure pathways were identified. Although the potential for human exposure during re-development activities involving the disturbance of the contaminated soil/fill has been identified, the risk of exposure could be effectively minimized through the use of appropriate personal protective equipment, air monitoring, and dust suppression techniques. Under the future use scenario, there is the potential for the exposure of site workers to organic vapors released from the VOC contaminated soil.

9.4.3 Surface Water

No site-derived contamination was detected in the surface water sample collected from Hyde Creek.

9.4.4 Groundwater

Contaminants of concern detected in the groundwater beneath the site consist primarily of VOCs, including chlorinated and aromatic hydrocarbons. These contaminants were detected in both the upper most water-bearing unit, which occurs at the interface between the overburden and weathered bedrock, and in the shallow bedrock water-bearing unit. Relatively low concentrations of PAHs were also detected in a handful of the wells screened in the upper most water-bearing unit. Although metals were detected in all of the groundwater samples at concentrations above the WQS, these metals are commonly noted to occur naturally in the groundwater of the region and are not interpreted to be site-derived.

The chlorinated hydrocarbons detected in the groundwater include trichlorethene (TCE), dichloroethene, and vinyl chloride. TCE was widely used as a solvent for degreasing

metal parts, while the latter two compounds are likely byproducts of the degradation of TCE. Because chlorinated hydrocarbons are denser than water, large quantities that are not absorbed by surrounding soils can migrate vertically downward through an aquifer. Additionally, these compounds are soluble in water and can therefore migrate in the dissolved phase with flowing groundwater.

The highest levels of chlorinated hydrocarbons were encountered in existing well EX-MW-11, where TCE was detected at 150 ppm and the concentration of total chlorinated hydrocarbons was 200 ppm. In contrast, the concentrations of total chlorinated hydrocarbons in nearby wells EX-MW-12 and MW-2 were 0.350 ppm and 0.151 ppm, respectively, and no organic contaminants were detected in nearby wells MW-3 and EX-MW-10. The high concentration of TCE detected in EX-MW-11 appears to be associated with a source area identified on the adjacent Alumax site during a separate investigation. A suspected former underground storage tank (UST) was discovered approximately 45-feet to the south of EX-MW-11 on the Alumax site in 2001. A passive soil gas survey conducted on the Alumax site in 2001 identified a plume of TCE contamination centered in the area of the suspected UST, and TCE was detected at 1,500 ppm in a subsurface soil sample collected in the immediate vicinity of the suspected UST (IT Corp., 2002). This soil sample was collected from a depth of 8.7 to 9.7-feet bgs, at the base of the lacustrine unit that serves as an upper confining layer for the upper-most water bearing zone, indicating the likelihood that TCE contamination from this source has impacted groundwater in this hydrostratigraphic unit. Consequently, this off-site contaminant source is interpreted as the origin of the high levels of chlorinated hydrocarbons encountered in EX-MW-11.

Chlorinated hydrocarbons at much lower concentrations were also detected in interface wells EX-MW-9 (0.870 ppm), MW-9 (0.766 ppm), and MW-7 (1.90 ppm); and in bedrock well MW-5 (0.008 ppm). While elevated concentrations of TCE were detected in subsurface soil samples collected in the vicinity of MW-9, which is located in an area reportedly used for the discharge of spent solvents, no suspected point sources of the chlorinated hydrocarbon contamination were identified in connection with the other groundwater detection points. As such, the groundwater contamination observed in these wells may be the result of the use of chlorinated solvents in association with facility operations, poor housekeeping practices, and/or the on-site disposal of spent solvents.

The aromatic hydrocarbons detected in the groundwater samples from numerous wells across the site include benzene, toluene, ethylbenzene and xylenes. These compounds are often referred to as BTEX compounds, and are commonly associated with gasoline. The mobility of these compounds ranges from low to moderate for toluene and xylenes, and moderate to high for ethylbenzene and benzene. Total BTEX levels detected in groundwater samples were relatively low, ranging from 0.005 ppm (MW-1) to 0.247 ppm (MW-6). No historical records indicating the on-site storage of gasoline were discovered during the course of this investigation, nor were any point sources of BTEX contamination encountered. However, given the nature of the former site operations, it is likely that gasoline was stored and utilized on-site, perhaps in small quantities. Therefore, the

presence of these aromatic hydrocarbons in the groundwater on the site is likely the result of past spills or leaks of gasoline from equipment and vehicles utilized on-site.

Low concentrations of SVOCs, including PAHs, were detected in the groundwater samples collected from MW-1, MW-4, MW-6, MW-7, MW-9, MW-11, and EX-MW-10. However, the concentrations of these compounds slightly exceeded the regulatory standards in only three of these wells (MW-1, MW-4 and MW-6). The majority of the SVOCs detected have relatively low solubilities in water, and are characterized as slightly mobile to immobile in the subsurface. The wells in which these compounds were detected are located within or immediately down-gradient from the area in which elevated SVOC levels were detected in surface soil/fill samples. As such, the presence of these compounds in the groundwater at these locations is attributed to the leaching of contaminants from the overlying soil/fill.

The VOCs detected in the groundwater are moderately to highly mobile in the subsurface, and are expected to migrate in the dissolved phase with flowing groundwater. As such, they have the potential to be transported off-site in groundwater flow within both water bearing units, and to ultimately be discharged to local surface water bodies including Hyde Creek and Lake Erie. The presence of these compounds in the monitoring wells located along the down-gradient site boundary is evidence that this off-site migration is presently occurring. Similarly, PAHs were also detected in a number of the down-gradient wells, and may also be migrating off-site in the groundwater within the upper-most water bearing unit. Given the relatively low concentrations of PAHs detected in these wells and the relatively low mobility of these compounds, however, significant concentrations of PAHs are not expected to migrate substantially in the groundwater. Moreover, the lack of local reliance on groundwater as a source of potable water, and the absence of residential receptors immediately to the north (down-gradient) of the project site minimizes the potential for direct human exposure to groundwater contaminants. Furthermore, it should be noted that no VOCs or PAHs were detected in surface water samples collected from Hyde Creek in the vicinity of the project site.

However, groundwater potentiometric data indicates that the storm sewer located along the southern margin of the site may intercept groundwater within the upper-most water-bearing unit. As such, contaminated groundwater may be migrating off-site in this storm sewer line and entering the City's storm sewer system, which ultimately discharges to Lake Erie. As such, off-site human and environmental exposure to contaminated groundwater carried in and/or discharged from the storm sewer system is a concern. It should be again noted, however, that the heavy chlorinated solvent contamination detected in EX-MW-11, which is located in close proximity to this storm sewer line, appears to be emanating from a source area located on the adjacent Alumax site to the south.

Based upon the presence of significant concentrations of dichloroethene and vinyl chloride in the groundwater samples, the natural degradation of TCE, the suspected source product, has been occurring in the subsurface of the site for some time. As such,

it is reasonable to assume that the degradation of the aromatic, chlorinated and polycyclic aromatic hydrocarbons detected in the groundwater will continue to occur via natural chemical and biological processes.

Although no complete route for the direct human exposure to contaminated groundwater has been identified under the current or future use scenarios, there is the potential for utility workers involved with the cleaning and/or maintenance of the storm sewer system to be exposed to the VOC contaminated groundwater that is believed to enter this system on the project site. Construction workers could also be exposed to the contaminated groundwater and organic vapors emanating therefrom during excavation activities performed in connection with redevelopment activities. However, the use of appropriate personal protective equipment, air monitoring and groundwater management techniques would likely minimize the risk of exposure during the re-development activities.

9.4.5 Sediment/Sludge

Contaminants detected in sediment and sludge collected from drains and sumps within the facility included metals, VOCs and SVOCs (and PCBs at SMP01). Metals are attributed to metal particulates (e.g., shaving, grindings, etc.) generated during process operations conducted at the former Roblin Steel facility that were likely washed or swept into the floor drains, as well as past process waste water discharges. The presence of VOCs, SVOCs and PCBs is likely related to poor housekeeping practices resulting in past releases of solvents, petroleum products and/or wastes used in connection with former industrial operations; as well as spills and/or releases of new and used solvents, petroleum products and dielectric fluid to the facility's internal drainage system. Contaminated sediment within the facility's sumps has the potential to become suspended in and transported by storm water that enters the sumps and overflows these structures or discharges to local surface water bodies, such as Hyde Creek.

Under the current use scenario no complete human exposure pathways were identified in connection with the contaminated sludge and sediment in the on-site sumps and drains. However, given the fact that the on-site sewer system has not been fully delineated, there is the potential for utility workers involved with the cleaning and/or maintenance of drainage structures owned by the City that may still be tied into the on-site sewer system to be exposed to the metals, VOCs, SVOCs and PCBs present in the contaminated sediments and sludge in these structures. The potential for the exposure of members of the public also exists should the sediment/sludge enter Hyde Creek and be transported by stormwater, or dispersed by wind currents. Lastly, fish and wildlife inhabiting Hyde Creek could be exposed to the contamination. If the migration of contaminated sediment were to occur in this manner, these exposure pathways would exist under the current and future use scenarios.

Construction workers, site visitors and persons, working and traveling through the project area could be exposed to the metals, VOCs, SVOCs and PCBs in the sediment and sludge during redevelopment activities. However, the use of appropriate personal

protective equipment and dust suppression techniques would likely minimize the risk of exposure during the IRM activities.

No complete exposure pathways for on-site sludge and sediment contamination have been identified in connection with the post redevelopment period, assuming that the sumps, drainage structures and their contents not exposed at the ground surface.

9.4.6 Asbestos

Asbestos was the primary contaminant of concern detected in the building components. Non-friable ACMs are relatively resistant to weathering and are not expected to migrate from the project site. However, asbestos fibers released as a result of the degradation of friable ACMs are susceptible to dispersion via wind currents and/or transport via stormwater. Based upon the condition of the building and the fact that only limited friable ACMs were detected, it is not likely that friable ACMs are being exposed directly to the environment. The risk of asbestos exposure during building demolition or renovation activities would be minimized through the implementation of proper abatement, control and monitoring procedures as required by applicable state and federal regulations.

9.4.7 PCBs

The presence of PCBs on the concrete transformer pad located north of the building on the western part of the project site is not interpreted to represent a human exposure risk because no complete exposure pathways were identified under the current use scenario for the property. This is based on the disposition of the PCBs within the concrete, which makes exposure to or inhalation of PCB contaminated concrete unlikely. Although the potential for human exposure during re-development activities involving the disturbance of the contaminated concrete has been identified, the risk of exposure could be effectively minimized through the use of appropriate personal protective equipment, air monitoring, and dust suppression techniques. Assuming that the contaminated concrete would not be exposed under the future use scenario, no exposure threat would exist under this scenario.

The presence of the potential PCB containing electrical equipment (e.g. fluorescent and HID light fixtures with ballasts) within the existing building is not interpreted to represent a significant human exposure risk because no complete exposure pathways were identified under the current use scenario for the property. This is based on the inaccessibility of this equipment and the sealed nature of the ballasts. However, construction workers involved in site redevelopment could be exposed to the PCBs when handling the fixtures during rehabilitation or demolition of the structure. This risk could be minimized, however, through the use of personal protective equipment and proper handling techniques. Assuming that the fixtures would no longer be present under the future use scenario, no exposure threat would exist under this scenario.

9.5 Remedial Action Objectives

Based upon the findings of the site investigation and the anticipated future use of the project site for commercial and/or light industrial purposes, the following Remedial Action Objectives (RAOs) have been identified for the operable units listed in Table 18 of this report. The locations of these operable units are identified in Figure 17.

9.5.1 Operable Unit No. 1

Contaminants of concern in Operable Unit No. 1 consist of VOCs in the subsurface soil/fill, the total concentrations of which exceeded the SSCL of 10,000 ppb for total VOCs at two locations. For protection of human health, the RAO for this OU is to prevent the exposure of construction workers and future site workers to these contaminants via dermal contact, incidental ingestion, or inhalation of organic vapors and/or particulates. The RAO for environmental protection is to prevent these soils from acting as a continuing source of groundwater contamination. These RAOs could be achieved via active measures to reduce the toxicity of the contaminants in the soil (e.g., in-situ treatment) or via the removal of the contaminated soils for proper off-site treatment and/or disposal.

9.5.2 Operable Unit No. 2

The contaminants of concern detected in the groundwater underlying the project site are VOCs, and, to a lesser extent, SVOCs at concentrations that exceed the regulatory standards. It should be noted, however, that the substantially elevated levels of VOCs detected in the groundwater along the southern site boundary, in the vicinity of well EX-MW-11, are attributed to contaminant trespass from a source area documented on the adjacent Alumax site to the south. Assuming that this area of groundwater contamination will be addressed as part of the voluntary cleanup program expected to be implemented on the Alumax site, the RAOs developed for this OU focus on the much lower level groundwater contamination detected across the remainder of the project site. ✓

The RAO for protection of human health is to prevent off-site utility workers and on-site construction workers from being exposed to the groundwater contaminants via dermal contact or inhalation of organic vapors. For environmental protection, the RAO is to eliminate suspected contaminant source areas, which primarily consist of areas of contaminated surface and subsurface soil/fill, and to prevent the discharge of contaminated groundwater into local surface water bodies (e.g., Lake Erie via the storm sewer system, and Hyde Creek).

Response actions relating to the removal of contaminated soil/fill are identified under the OUs pertaining to these media. Response actions relating directly to the groundwater contamination that could be utilized to achieve the RAOs identified above include:

- Closure or removal of the on-site storm sewer system to prevent the discharge of contaminated groundwater to the off-site storm sewer system and down-stream receiving waters;
- On-site treatment of contaminated groundwater that has entered the storm sewer to reduce the toxicity of the volatile contaminants prior to its exit from the site;
- Reconfiguration of the storm sewer system to discharge the contaminated groundwater that has entered the system to the Publicly Owned Treatment Works (POTW) for off-site treatment;
- In-situ or ex-situ treatment of contaminated groundwater to reduce the toxicity of the contaminants; and/or
- Implementation of a health and safety program involving air monitoring and the use of appropriate personal protective equipment during on-site construction activities.

However, given that groundwater is not used locally as a source of potable water, the lack of residential receptors immediately to the north (down-gradient) of the project site, the absence of organic contaminants in surface water samples collected from Hyde Creek in the vicinity of the site, and the intended future use of the site, the magnitude of the contamination does not appear to warrant active measures to reduce the toxicity of the contaminants in the groundwater. Instead, reduction in toxicity is expected to continue over time via degradation of the organic contaminants by naturally occurring chemical and biological processes.

Furthermore, it is unlikely that active groundwater remediation could be effectively utilized to eliminate the exposure risk for site construction workers considering the desired schedule for site redevelopment. Consequently, monitored natural attenuation in conjunction with a response action addressing the storm sewer infiltration issue and the implementation of a health and safety program during construction activities at the site may be the most appropriate means of achieving the RAOs for contaminated groundwater.

9.5.3 Operable Units Nos. 3A and 3B

The contaminants of concern detected in Operable Units Nos. 3A and 3B are metals at concentrations exceeding the SSCLs in the soil/fill within 12-inches of the ground surface. The RAO for the protection of human health is to prevent dermal contact with, incidental ingestion of, or inhalation of particulates originating from the contaminated soil/fill. The RAO for environmental protection is to prevent storm water from coming into contact with the contaminated surface soil/fill causing contaminated stormwater runoff to off-site locations. Considering the conceptual redevelopment plans formulated for the site, these RAOs will likely best be achieved via the removal and proper off-site disposal of the contaminated surface soil/fill, and the placement of soil cover, asphalt pavement, and/or concrete building surfaces on the remaining exposed soil/fill areas.

9.5.4 Operable Unit No. 4

Contaminants of concern in Operable Unit No. 4 consist of PAHs and metals at concentrations exceeding the SSCLs in the soil/fill within 12-inches of the ground surface. Additionally, this OU includes subsurface soil/fill containing VOC concentrations above the SSCLs in the vicinity of SP60. The RAO for the protection of human health is to prevent dermal contact with, incidental ingestion of, or inhalation of organic vapors and/or particulates originating from, the contaminated soil/fill. The RAOs for environmental protection are to prevent these soils from acting as a continuing source of groundwater contamination, and to prevent storm water from coming into contact with the contaminated surface soil/fill causing contaminated stormwater runoff to off-site locations. Considering the conceptual redevelopment plans formulated for the site, these RAOs will likely best be achieved via the removal and proper off-site disposal of the contaminated surface soil/fill, and the placement of soil cover, asphalt pavement, and/or concrete building surfaces on the remaining exposed soil/fill areas.

9.5.5 Operable Unit No. 5

The contaminants of concern detected within Operable Unit No. 5 consist of the PCB contaminated concrete pad from the former transformer room and the surface soil/fill located around the perimeter of this pad. The RAO for the contaminated concrete surface is to prevent construction workers and the surrounding public from the incidental ingestion of, or inhalation of particulates generated during potential redevelopment activities. The RAO for the protection of human health relative to the surrounding surface soil/fill is to prevent dermal contact with, incidental ingestion of, or inhalation of particulates originating from the contaminated soil/fill. The RAO for environmental protection is to prevent storm water from coming into contact with the contaminated surface soil/fill causing contaminated stormwater runoff to off-site locations.

Considering the conceptual redevelopment plans formulated for the site, these RAOs will likely best be achieved via the removal and proper off-site disposal of the contaminated concrete pad and surface soil/fill, and the placement of soil cover, asphalt pavement, and/or concrete building surfaces on the remaining exposed soil/fill areas.

9.5.6 Operable Units Nos. 6 and 8

In an effort to characterize the soil/debris piles and the wood blocks for disposal purposes, samples from these media were collected and submitted for TCLP analysis based on suspected contamination. The results indicate that none of these samples contained parameters with concentrations above those listed in 40 CFR Part 261. However, the removal and proper recycling or disposal of the soil/debris piles and the wood floor blocks that comprise these operable units will likely be necessary to enable the remediation of contaminated surface soil/fill in OU Nos. 4 and 5.

9.5.7 Operable Unit No. 7

Contaminants of concern detected in Operable Unit No. 7 include metals, PAHs, VOCs and PCBs in the sediments contained within on-site drains and sumps at concentrations that exceed the SSCLs. For protection of human health, the RAO is to prevent dermal contact with, incidental ingestion of, or inhalation of organic vapors and/or particulates originating from, the contaminated sediment. The RAO for environmental protection is the prevention of the release of contaminated sediments from the sumps through any remaining outfall pipes. Based upon the age and undefined configuration of the on-site sewer system, these RAOs will be best achieved via the removal and proper off-site disposal of contaminated sediments, plugging any remaining outfall pipes with concrete/grout and backfilling the sumps with clean soil material.

9.5.8 Operable Unit No. 9

Petroleum contaminated subsurface soils exhibiting nuisance characteristics constitute the primary concern in Operable Unit No. 9. Given that these contaminated soils may be excavated in conjunction with site redevelopment, they will require treatment prior to re-use on-site, or proper off-site disposal. Based upon the nature of the contamination, and the available on-site acreage, the ex-situ bioremediation of these contaminated soils may be an effective approach to addressing this operable unit.

9.5.9 Operable Unit No. 10

Contaminants of concern in Operable Unit No. 10 include metals and PAHs at concentrations that exceed the SSCLs in the sediment contained within the storm sewer line that discharges to Hyde Creek. The RAO for the protection of human health and the environment is the prevention of the release of contaminated sediments from this outfall pipe to Hyde Creek. This RAO could be achieved by closing or removing this storm sewer line and the contaminated sediments contained therein.

9.5.10 Operable Unit No. 11

While only limited amounts were detected during the asbestos survey, friable ACMs constitute the primary concern relative to building materials and surfaces. The RAO for protection of human health relative to ACMs is the prevention of the inhalation or incidental ingestion of asbestos fibers. Asbestos abatement will be required prior to, or in connection with, building rehabilitation or demolition, and is therefore, the most suitable approach for achieving this RAO.

9.5.11 Operable Unit No. 12

The potential occurrence of PCBs within electrical equipment (e.g. fluorescent and HID light fixture ballasts) installed in the building is the primary concern for this operable unit. The RAO for protection of human health and the environment is the prevention of the

release of contaminants from this equipment. The removal and proper disposal of this equipment will be necessary prior to building rehabilitation or demolition, and, therefore, is the most suitable approach to achieving this objective.

9.5.12 Operable Unit No. 13

The only contaminant of concern in Operable Unit No. 13 consisted of barium, which exceeded the SSCL. This operable unit consists of the contaminated fill contained within the former fuel oil cellar, located within the northwest portion of the building. For the protection of human health, the RAO is to prevent the exposure of construction workers involved in the redevelopment of the project site to the contaminants via dermal contact with, incidental ingestion of, or inhalation of particulates originating from the fill. Considering the conceptual redevelopment plans formulated for the site, this RAO will likely best be achieved via the removal and proper off-site disposal of the contaminated fill, and the placement of soil cover, asphalt pavement, and/or concrete building surfaces on the remaining exposed soil/fill areas.

9.5.13 Operable Unit No. 14

The contaminants of concern detected within Operable Unit No. 14 include PAHs and copper detected in the upper 12-inches of soil/fill at concentrations exceeding the SSCLs. The RAO for the protection of human health is to prevent dermal contact with, incidental ingestion of, or inhalation of particulates originating from the contaminated soil/fill. The RAO for environmental protection is to prevent storm water from coming into contact with the contaminated surface soil/fill causing contaminated storm water runoff to off-site locations. Considering the conceptual redevelopment plans formulated for the site, these RAOs will likely best be achieved via the removal and proper off-site disposal of the contaminated surface soil/fill, and the placement of soil cover, asphalt pavement, and/or concrete building surfaces on the remaining exposed soil/fill areas.

9.6 Interim Remedial Measures

The general response actions identified above for the operable units listed in Table 18 are further developed and analyzed in the Interim Remedial Measures (IRM) Work Plan. The anticipated scope of work required to accomplish the IRM activities includes the following:

- Excavation and off-site disposal of the upper one foot of contaminated surface soils;
- Excavation and off-site disposal of "hotspot" contaminated subsurface soils;
- Implementation of a long-term groundwater monitoring program;
- On-site bioremediation of subsurface soil from the eastern corner of the site that exhibits nuisance characteristics (e.g. visual and olfactory evidence of petroleum contamination);

- Removal and off-site disposal of PCB contaminated concrete surfaces, soils, and electrical equipment;
- Removal and off-site disposal of soil/debris piles;
- Removal and off-site disposal of the sediment and sludge contained within sumps and drains;
- Removal and off-site disposal of wooden floor blocks identified during site investigation activities;
- Abandonment of the storm sewer pipe to Hyde Creek; and
- Removal and off-site disposal of the asbestos containing materials in the existing building.

The IRM Work Plan also addresses the engineering and institutional controls that will be implemented during the IRM and site redevelopment activities to ensure the safety of the construction workers and the surrounding public. Engineering and institutional controls may include:

- Implementation of a Soil/Fill Management Plan;
- Treatment and/or disposal of additional contaminated soil/fill that may be discovered during post-IRM redevelopment activities that exceeds site-specific cleanup levels approved by the NYSDEC;
- Placement of a final surface coverage over the entire site that includes a minimum of twelve inches of vegetated soil cover, asphalt pavement, buildings, and/or concrete to limit exposure as a pre-condition of occupancy;
- Implementation of erosion and dust control measures;
- Implementation of a Community Air Monitoring Plan;
- Erecting fencing around the project site or areas undergoing redevelopment;
- Limiting property use through deed and zoning restrictions;
- Adhering to NYSDEC/NYSDOH notification and reporting requirements; and,
- Instituting health and safety procedures for construction activities and protection of the surrounding community

TABLES 1 - 18

**Table 1A
Former Roblin Steel Site SIR
Sampling/Analysis Summary**

Parameter	Method ¹	Source	Sample Identifier	Location	Date ²
Groundwater					
TCL Volatiles	ASP 95-1	Monitoring Wells 1-15	RSS-MW01-IF-GW-O	A4-20 / B5-11	10/09/02, 10/11/02
TCL Semi Volatiles	ASP 95-2		RSS-MW02-IF-GW-O	A2+10 / B3+8	10/09/02, 10/11/02
TCL Pesticides/PCBs	ASP 95-3		RSS-MW04-IF-GW-O	A6-10 / B5+53	10/09/02, 10/11/02
TAL Metals (CN by ASP)	ASP		RSS-MW06-IF-GW-O	A8-45 / B4+52	10/08/02, 10/11/02
			RSS-MW06-IF-GW-MS	A8-45 / B4+52	10/11/2002
			RSS-MW06-IF-GW-MSD	A8-45 / B4+52	10/11/2002
			RSS-MW06-IF-GW-MD	A8-45 / B4+52	10/9/2002
			RSS-MW07-IF-GW-O	A9+7 / B5+59	10/09/02, 10/11/02
			RSS-MW08-IF-GW-O	A8+47 / B3+18	10/09/02, 10/11/02
			RSS-MW09-IF-GW-O	A10+12 / B2+50	10/08/02, 10/11/02
			RSS-MW11-IF-GW-O	A12+12 / B4-16	10/08/02, 10/11/02
			RSS-MW12-IF-GW-O	A17-33 / B5+17	10/08/02, 10/11/02
			Existing MW09-IF-GW-O	A7-25 / B3-50	10/08/02, 10/11/02
			Existing MW10-IF-GW-O	A5-10 / B3-50	10/08/02, 10/11/02
			Existing MW11-IF-GW-O	A3-30 / B3-50	10/08/02, 10/11/02
			Existing MW11-IF-GW-FD	A3-30 / B3-50	10/08/02, 10/11/02
			Existing MW12-IF-GW-O	A1-40 / B3-50	10/09/02, 10/11/02
			RSS-MW03-RK-GW-O	A5-17 / B3+1	10/09/02, 10/11/02
			RSS-MW05-RK-GW-O	A5+64 / B4+45	10/09/02, 10/11/02
		Trip Blank	RSS-TRIP02-TB	NA	10/8/2002
		Trip Blank	RSS-TRIP03-TB	NA	10/9/2002
		Trip Blank	RSS-TRIP04-TB	NA	10/11/2002
		Rinse Blank	RSS-MWXX-RB	Grundfos Pump	10/9/2002
Surface Water					
TCL Volatiles	ASP 95-1	Surface Water	RSS-HC01-SW-O	10' upgradient of outfall to Hyde Creek	10/7/2002
TCL Semi Volatiles	ASP 95-2		RSS-HC02-SW-O	15' downgradient of outfall to Hyde Creek	10/7/2002
TCL Pesticides/PCBs	ASP 95-3	Trip Blank	RSS-TRIP01-TB	NA	10/7/2002
TAL Metals (CN by ASP)	ASP				
Subsurface Soil					
TCL Volatiles	ASP 95-1	Test Borings 1-12	RSS-TB01-D24-S-O	A17-33 / B5+17	9/13/2002
TCL Semi Volatiles	ASP 95-2		RSS-TB02-D48-S-O	A12+12 / B4-16	9/16/2002
TCL Pesticides/PCBs	ASP 95-3		RSS-TB03-D48-S-O	A9+7 / B5+59	9/16/2002
TAL Metals (CN by ASP)	ASP		RSS-TB04-D610-S-O	A6-10 / B5+53	9/17/2002
			RSS-TB05-D410-S-O	A4-20 / B5-11	9/18/2002
			RSS-TB05-D410-S-MS		
			RSS-TB05-D410-S-MSD		
			RSS-TB05-D410-S-MD		
			RSS-TB06-D1018-S-O	A8-45 / B4+52	9/18/2002
			RSS-TB07-D04-S-O	A11+40 / B2-3	9/19/2002
			RSS-TB08-D610-S-O	A2+10 / B3+8	9/19/2002
			RSS-TB09-D1016-S-O	A8+47 / B3+18	9/20/2002
			RSS-TB10-D810-S-O	A5+64 / B4+45	9/23/2002
			RSS-TB11-D26-S-O	A5-17 / B3+1	9/26/2002
			RSS-TB12-D04-S-O	A10+12 / B2+50	9/27/2002
		Rinse Blank	RSS-TBXX-RB	Split Spoon	9/16/2002
Subsurface Soil/Fill					
TCL Volatiles	ASP 95-1	Soil Probes	RSS-SP02-D46-S-O	A16+2 / B5+4	9/10/2002
TCL Semi Volatiles	ASP 95-2		RSS-SP05-D24-S-O	A15+15 / B5+32	9/10/2002
TCL Pesticides/PCBs	ASP 95-3		RSS-SP20-D23-S-O	A6+0 / B3-50	9/11/2002
TAL Metals (CN by ASP)	ASP		RSS-SP23-D34-S-O	A12-8 / B5-10	9/11/2002
			RSS-SP29-D46-S-O	A5-17 / B5+40	9/12/2002
			RSS-SP32-D35-S-O	A1+3 / B4-28	9/12/2002
			RSS-SP36-D24-S-O	A3+41 / B3+22	9/12/2002
			RSS-SP37-D24-S-O	A7-22 / B3+0	9/12/2002
			RSS-SP39-D1416-S-O	A8+27 / B3-11	9/12/2002
		Rinse Blank	RSS-SPXX-RB	Macro Core	9/12/2002
		Test Pits	RSS-TP01-D24-S-O	A17+29 / B5+42	9/3/2002
			RSS-TP02-D36-S-O	A17+20 / B5+6	9/3/2002
			RSS-TP11-D24-S-O	A15+56 / B5+27	9/4/2002
			RSS-TP26-D24-S-O	A8+36 / B5+68	9/5/2002
			RSS-TP27-D46-S-O	A6+45 / B5+68	9/5/2002
			RSS-TP32-D46-S-O	A8-6 / B4+32	9/6/2002
			RSS-TP32-D46-S-MS		
			RSS-TP32-D46-S-MSD		
			RSS-TP32-D46-S-MD		
TCL Volatiles only	ASP 95-1		RSS-TP33-D46-S-O	A10+19 / B4+40	9/6/2002

¹ Methods 95-1, 95-2, 95-3 - NYSDEC Analytical Services Protocol (1995) Methods 6000, 7000, 8021, 8270, 8082, 1010, 7.3, 9040, 1311, are EPA SW-846 Methods
Groundwater samples collected on 10/08/02 & 10/09/02 were analyzed for inorganics, including dissolved metals.

Groundwater samples collected on 10/11/02 were analyzed for organics, additionally, MW-01IF, MW-03RK, & MW-12IF were analyzed for total metals.

**Table 1A
Former Roblin Steel Site SIR
Sampling/Analysis Summary**

Parameter	Method ¹	Source	Sample Identifier	Location	Date ²
Sediment/Sludge					
TCL Volatiles	ASP 95-1	Sumps/Drains/Outfalls	RSS-SMP01-SLD-O	Circular (4' diameter) sump inside building along northern wall between Building Piers 32 &33	10/1/2002
TCL Semi Volatiles	ASP 95-2		RSS-SMP02-05-SLD-O	Composite sample from four (4) rectangular drains located along the northern wall between the following building Piers; 27&28, 29&30, 33&34, and 38&39	10/1/2002
TCL Pesticides/PCBs	ASP 95-3		RSS-SMP06-SED-O	Rectangular sump inside building along northern wall between building Piers 18&19	10/1/2002
TAL Metals (CN by ASP)	ASP		RSS-SMP007-08-SLD-O	Composite sample from a circular drain located inside the building along the northern wall between building Piers 47&48 and a rectangular drain in the vicinity immediately north of Pier 49	10/1/2002
			RSS-SMP09-SED-O		
			RSS-SMP09-SED-MS		
			RSS-SMP09-SED-MSD		
			RSS-SMP09-SED-MD		
			RSS-OF01-SED-O	Sediment collected from 1'-2' inside the Outfall pipe to Hyde Creek from Roblin Steel Site	9/24/2002
		Hyde Creek	RSS-HC01-SED-O	Composite Sample collected between 130'-170' upstream of the Outfall to Hyde Creek within the stream bed	9/24/2002
			RSS-HC02-SED-O	Composite Sample collected between 1'-5' downstream of the Outfall to Hyde Creek along the south side within the stream	9/24/2002
Surface Soil/Fill					
TCL Volatiles	ASP 95-1	Surface & Fill	RSS-SS01-S-O	A15+0 / B5+0	9/3/2002
TCL Semi Volatiles	ASP 95-2		RSS-SS02-S-O	A15+0 / B4+0	9/3/2002
TCL Pesticides/PCBs	ASP 95-3		RSS-SS03-S-O	A14+50 / B4+0	9/5/2002
TAL Metals (CN by ASP)	ASP		RSS-SS04-S-O	A2+0 / B4+5	9/6/2002
			RSS-SS05-S-O	A5+50 / B5+50	9/6/2002
			RSS-SS06-S-O	A7+0 / B4+0	9/6/2002
			RSS-SS07-S-O	A11+50 / B5+0	9/9/2002
			RSS-SS08-S-O	A10+50 / B1+50	9/9/2002
			RSS-SS09-S-O	A9+0 / B3+0	9/9/2002
			RSS-SS10-S-O	A4+50 / B2+50	9/9/2002
			RSS-SS11-S-O	Composite Sample from A4+50 - A14 along B5+55	9/11/2002
			RSS-SS12-S-O	Composite Sample from A1-50 - A3+00 from North edge of building to northern property line	9/11/2002
			RSS-SS13-S-O	Composite Sample from A13+00 - A14+00 & B5-50 - B4+15	9/11/2002
			RSS-SS14-S-O	Composite Sample from A13+10 - A13+30 & B3+00 to southern property line	9/13/2002
RSS-SS15-S-O	Composite Sample from A12-70 - A12+25 & B3+40 - B3+70	9/13/2002			
RSS-SS16-S-O	Composite Sample from A8+10 - A12-50 & B4+25 - B5-10	9/13/2002			
RSS-SS17-S-O	Composite Sample from A5+10 - A8-5 & B4+25 - B5-10	9/13/2002			
RSS-SS18-S-O	Composite Sample from A16+40 - A17+80 & between the northern & southern property lines at this location	9/13/2002			
RSS-SS19-S-O	Composite Sample from A1-40 - A1-5 & B3-40 - B3-55	9/16/2002			
RSS-SS20-S-O		9/17/2002			
RSS-SS20-S-MS	Composite Sample from A9+50 - A9-50 & B1+25 to southern property line	9/17/2002			
RSS-SS20-S-MSD		9/17/2002			
RSS-SS20-S-MD		9/17/2002			
RSS-SS21-S-O-215MRd		215 Middle Road in front of a residential property	9/17/2002		
RSS-SS22-S-O-449SRRd		449 South Roberts Road in front of a residential property	9/17/2002		
		Rinse Blank	RSS-SSXX-RB	Bowl and Trowel	9/17/2002
Concrete					
PCBs	SW-846 8082	Concrete Floor	RSS-SS01-CC-O	Concrete pad in former substation	8/19/2002
			RSS-SS02-CC-O	Concrete pad in former substation	8/19/2002
			RSS-SS03-CC-O	Concrete pad in former substation	8/19/2002
			RSS-SS04-CC-O	Concrete pad in former substation	8/19/2002
			RSS-SS05-CC-O	Floor in former transformer room (Furnace 1)	8/19/2002
			RSS-SS06-CC-O	Floor in former transformer room (Furnace 2)	8/19/2002
			RSS-SS07-CC-O	Floor in former transformer room (VRS)	8/19/2002
			RSS-SS08-CC-O	Floor in former transformer room (Furnace 3)	8/19/2002

1 Methods 95-1, 95-2, 95-3 - NYSDEC Analytical Services Protocol (1995) Methods 6000, 7000, 8021, 8270, 8082, 1010, 7.3, 9040, 1311, are EPA SW-846 Methods

2 Groundwater samples collected on 10/08/02 & 10/09/02 were analyzed for inorganics, including dissolved metals.

Groundwater samples collected on 10/11/02 were analyzed for organics, additionally, MW-011F, MW-03RK, & MW-121F were analyzed for total metals.

**Table 1B
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)
Sampling/Analysis Summary**

Area of Concern	Method ¹	Source	Sample Identifier	Location	Date	
Area of Concern No. 1						
TCE Contaminated Subsurface Soil in the Vicinity of TB12	ASP 95-1	Soil Probes	RSS-SP42-D45-S-O	A10+19 / B2+39	1/17/2003	
			RSS-SP43-D45-S-O	A10+38 / B2+33	1/17/2003	
			RSS-SP44-D46-S-O	A10+19 / B2+76	1/17/2003	
			RSS-SP45-D04-S-O	A10+00 / B2+69	1/17/2003	
			RSS-SP46-D04-S-O	A9+80 / B2+69	1/17/2003	
			RSS-SP48-D04-S-O	A10+8 / B2+68	1/17/2003	
	Test Pits	RSS-SP48-D04-S-MS/MSD				
		RSS-TP43-D14-S-O		A10+19 / B2+32	1/16/2003	
		RSS-TP44-D14-S-O		A10+34 / B2+37	1/16/2003	
		RSS-SP46-D04-S-O		A9+80 / B2+69	1/17/2003	
Area of Concern No. 2						
Site-Wide Groundwater Contamination	ASP 95-1	Monitoring Well No. 7	RSS-MW07-IFGW-RS	A9+7 / B5+59	1/14/2003	
			Soil Probes	RSS-SP49-D48-S-O	A9+3 / B5-4	1/17/2003
				RSS-SP50-D46-S-O	A9+41 / B5+23	1/17/2003
				RSS-SP52-D48-S-O	A9+63 / B5+15	1/17/2003
				RSS-SP57-D04-S-O	A8+90 / B5+73	1/17/2003
				RSS-SP59-D48-S-O	A8+77 / B5+68	1/17/2003
				RSS-SP60-D48-S-O	A8+81 / B5+56	1/17/2003
				RSS-SP62-D48-S-O	A8+34 / B5+51	1/17/2003
		Test Pits	RSS-TP37-D23-S-O		A9+41 / B5+57	1/16/2003
			RSS-TP38-D23-S-O		A9+66 / B5+57	1/16/2003
	RSS-TP37-D23-S-O			A9+41 / B5+57	1/16/2003	
	ASP 95-2		RSS-SP60-D48-S-O	A8+81 / B5+56	1/16/2003	
	TCLP VOCs					
Area of Concern No. 3						
Elevated Metals in surface soils in former baghouse areas	ASP	Surface Soil/Fill	RSS-SS23-S-O	A3+49 / B3+45	1/13/2003	
			RSS-SS24-S-O	A3+30 / B4+00	1/13/2003	
			RSS-SS25-S-O	A3+10 / B4+45	1/13/2003	
			RSS-SS25-D12-S-O	A3+10 / B4+45	1/13/2003	
			RSS-SS26-S-O	A3-30 / B4+45	1/13/2003	
			RSS-SS26-D12-S-O	A3-30 / B4+45	1/13/2003	
			RSS-SS27-S-O	A3-35 / B4-20	1/13/2003	
			RSS-SS28-S-O	A2+00 / B4+5	1/13/2003	
			RSS-SS28-D12-S-O	A2+00 / B4+5	1/13/2003	
			RSS-SS29-S-O	A1+30 / B4-45	1/13/2003	
			RSS-SS29-S-MS/MD			
			RSS-SS30-S-O	A1+28 / B4-5	1/13/2003	
			RSS-SS39-S-O	A11+68 / B3+48	1/14/2003	
			RSS-SS40-S-O	A11+68 / B3+15	1/14/2003	
			RSS-SS41-S-O			
			RSS-SS41-S-MS/MSD/MD	A12+10 / B3+45	1/14/2003	
			RSS-SS41-D12-S-O			
			RSS-SS42-S-O	A12+30 / B5+15	1/14/2003	
			RSS-SS42-D12-S-O			
			RSS-SS43-S-O	A12+40 / B3+48	1/14/2003	
	RSS-SS43-D12-S-O					
	EPA SW-846	Soil Probes	RSS-SS28-S-O	A2+00 / B4+5	1/13/2003	
	Area of Concern No. 4					
Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Soils	ASP 95-2	Surface Soil/Fill	RSS-SS31-S-O	A4+20 / B5+00	1/13/2003	
			RSS-SS32-S-O	A4-10 / B4+30	1/13/2003	
			RSS-SS32-S-MS/MSD			
			RSS-SS33-S-O	A5+39 / B5-2	1/14/2003	
			RSS-SS34-S-O	A6+85 / B5+35	1/14/2003	
			RSS-SS35-S-O	A7+29 / B4+47	1/14/2003	
			RSS-SS36-S-O	A12-22 / B5-4	1/14/2003	
			RSS-SS37-S-O	A13+15 / B4+00	1/14/2003	
			RSS-SS38-S-O	A14+45 / B5-20	1/14/2003	
			RSS-SS38-D12-S-O	A14+45 / B5-20	1/14/2003	
			RSS-SS39-S-O	A11+68 / B3+48	1/14/2003	
			RSS-SS40-S-O	A11+68 / B3+15	1/14/2003	
			RSS-SS41-S-O	A12+10 / B3+45	1/14/2003	
			RSS-SS41-S-MS/MSD/MD			
			RSS-SS42-S-O	A12+30 / B5+15	1/14/2003	
RSS-SS43-S-O	A12+40 / B3+48	1/14/2003				
EPA SW-846		RSS-SS34-S-O	A6+85 / B5+35	1/14/2003		
Area of Concern No. 5						
Polychlorinated Biphenyls (PCBs) contamination on Former transformer room floor	EPA SW-846 8082	Surface Soil/Fill	RSS-SS44-S-O	A5+43 / B3+94	1/15/2003	
			RSS-SS45-S-O	A5+62 / B3+80	1/15/2003	
			RSS-SS46-S-O	A5+80 / B3+96	1/15/2003	
			RSS-SS47-S-O	A5+60 / B4+8	1/16/2003	
			Concrete Pad	RSS-SS09-CC-O	A5+70 / B3+86	1/15/2003

1 Methods 95-1, 95-2, 95-3 - NYSDEC Analytical Services Protocol (1995) Methods 6000, 7000, 8021, 8270, 8082, 1010, 7.3, 9040, 1311, are EPA SW-846 Methods

**Table 1B
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)
Sampling/Analysis Summary**

Area of Concern	Method ¹	Source	Sample Identifier	Location	Date
Area of Concern No. 6					
Soil/ Debris Piles North of the Existing Building	EPA SW-846	Soil/Debris Piles	RSS-SDP01-S-O	A9+10 - A10+2 / B5+59 - B5+65	1/15/2003
	NYSDOH Method 198.1		RSS-SDP02-S-O	A17-10 - A17-30 / B5+00	1/15/2003
			RSS-SDP03-S-O	A12+10 - A12-15 / B5-15 - B5+15	1/15/2003
			RSS-SDP04-S-O	A11-10 - A11+25 / B4+20 - B4+35	1/15/2003
			RSS-SDP05-S-O	A8+80 - A9+19 / B4+00 - B4+40	1/15/2003
Area of Concern No. 7					
Sumps and Drains within the Existing Building	EPA SW-846	Sumps/Drains	RSS-SMP06-SED-O	4' diameter sump inside building along northern wall between Building Piers 32 & 33	1/15/2003
			RSS-SMP01-SLD-O	Rectangular sump inside building along northern wall between building Piers 18&19	1/16/2003
Area of Concern No. 8					
Wooden Floor Blocks	TCLP Metals, SVOCs	Wooden Floor Blocks	RSS-SS48-WD-O	A11-20 / B5-25	1/15/2003
	PCBs / EPA SW-846 8082		RSS-SS49-WD-O	A8+90 / B5+8	1/15/2003
			RSS-SS50-WD-O	A5-3 / B4+5	1/15/2003
Rinsate / Trip Blanks					
	ASP 95-1/ASP95-2	Rinse Blank	RSS-SSXX-RB	Hand Trowel	1/14/2003
	ASP 95-1	Rinse Blank	RSS-SPXX-RB	Macro Core Barrel	1/17/2003
	ASP 95-1	Trip Blank	RSS-MWX-IF-TB	MW07 Trip Blank	1/14/2003
	ASP 95-1	Trip Blank	RSS-SPXX-TB	NA	1/17/2003

1 Methods 95-1, 95-2, 95-3 - NYSDEC Analytical Services Protocol (1995) Methods 6000, 7000, 8021, 8270, 8082, 1010, 7.3, 9040, 1311, are EPA SW-846 Methods

Table 2A
Former Robin Steel Site SIR
Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-TP01-D24-S-O	RSS-TP02-D36-S-O	RSS-TB01-D24-S-O	RSS-SP02-D46-S-O	RSS-TP11-D24-S-O	RSS-SP05-D24-S-O	RSS-TB02-D48-S-O	RSS-SP23-D34-S-O	RSS-TB07-D04-S-O	RSS-TP33-D46-S-O	RSS-TB12-D04-S-O	RSS-TB03-D48-S-O	RSS-TP26-D24-S-O	RSS-TB09-D1016-S-O	RSS-SP39-D1416-S-O
TAL - Metals (ppm)																	
Aluminum (2)	10,800	MG/KG	9,490.00 J	10,400.00 J	NA	9,150.00 J	1,090.00 J	10,800.00 J	8,360.00 J	12,600.00 J	6,320.00 J	NA	13,500.00 J	16,600.00 J	11,300.00 J	9,240.00 J	7,360.00 J
Antimony (2)	0.94	MG/KG	1.20 JB	0.67 UJ	NA	0.66 JB	13.00 J	4.90 JB	0.31 JB	0.78 JB	3.90 JB	NA	2.20 JB	0.28 UJ	2.10 JB	1.90 JB	0.57 J
Arsenic (2)	12.70	MG/KG	11.20	7.90	NA	5.40	19.50	22.50	13.60 J	9.20	5.80 J	NA	23.40 J	9.30 J	17.90	21.50 J	11.10
Barium (2)	300	MG/KG	92.00 J	64.90 J	NA	86.10 J	11.40 JB	117.00 J	35.70 J	89.00 J	218.00 J	NA	143.00 J	183.00 J	140.00 J	102.00 J	74.80 J
Beryllium (2)	0.56	MG/KG	0.63	0.42 B	NA	0.40 B	0.24 B	0.25 B	0.50 B	0.50 JB	0.77 B	NA	0.89	0.99	2.10	0.51 B	0.37 B
Cadmium (2)	1.00	MG/KG	0.49 B	0.20 B	NA	0.34 B	1.70	0.25 B	0.21 B	0.17 JB	0.77 B	NA	0.89	0.18 B	0.49 B	0.95	0.17 B
Calcium (2)	3,000	MG/KG	12,600.00 J	2,710.00 J	NA	36,500.00 J	3,080.00 J	19,200.00 J	9,880.00 J	1,530.00 J	3,210.00 J	NA	76,600.00 J	31,100.00 J	39,600.00 J	37,500.00 J	14,300.00 J
Chromium (2)	29.40	MG/KG	22.20 J	13.40 J	NA	16.10 J	630.00 J	16.40 J	13.30 J	15.80 J	153.00 J	NA	19.80 J	23.80 J	7.70 J	51.00 J	26.80 J
Chromium (3)	30.00	MG/KG	6.80 J	6.50 J	NA	7.10 J	18.30 J	7.10 J	13.20 J	6.20 JB	9.50 J	NA	7.60 J	13.30 J	7.70 J	11.40 J	7.60 J
Copper (2)	25.00	MG/KG	54.20 J	21.90 J	NA	22.80 J	291.00 J	65.10 J	42.00 J	27.00 J	76.60 J	NA	60.30 J	27.80 J	152.00 J	53.10 J	28.90 J
Cyanide (3)	26.300	MG/KG	0.50 U	0.50 U	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Iron (2)	188	MG/KG	62.30 J	24.50 J	NA	28.40 J	16.40 J	152.00 J	19.00 J	28.90 J	147.00 J	NA	126.00 J	18.30 J	43,000.00 J	44,200.00 J	24,400.00 J
Lead (2)	2,890	MG/KG	3,950.00 J	2,310.00 J	NA	7,010.00 J	813.00 J	3,740.00 J	5,280.00 J	2,770.00 J	2,820.00 J	NA	12,700.00 J	10,300.00 J	9,940.00 J	6,170.00 J	3,470.00 J
Magnesium (2)	430	MG/KG	692.00 J	214.00 J	NA	363.00 J	2,510.00 J	672.00 J	235.00 J	253.00 J	1,340.00 J	NA	1,160.00 J	487.00 J	970.00 J	776.00 J	426.00 J
Manganese (2)	0.10	MG/KG	0.30	0.01 U	NA	0.01 U*	0.01 U	0.13*	0.02 JB	0.04 B*	0.29	NA	0.11 N	0.02 JB	0.31*	0.01 UJ	0.01 U*
Nickel (2)	27.30	MG/KG	26.10 J	18.90 J	NA	22.00 J	505.00 J	19.20 J	34.90 J	14.00 J	79.40 J	NA	25.70 J	38.90 J	20.70 J	48.40 J	26.60 J
Potassium (2)	1,100	MG/KG	989.00 J	1,140.00 J	NA	1,350.00 J	150.00 JB	954.00 J	1,370.00 J	1,280.00 J	1,040.00 J	NA	1,330.00 J	2,400.00 J	986.00 J	1,830.00 J	1,010.00 J
Selenium (2)	2.00	MG/KG	1.80	1.30	NA	1.30	5.30	2.80	0.94	1.90	2.60 J	NA	1.30	0.82	3.90	2.00	0.56 U
Silver (2)	0.14	MG/KG	0.07 B	0.06 U	NA	0.06 U	0.43 B	0.11 B	0.10 U	0.11 U	0.30 B	NA	0.18 B	0.11 U	0.28 B	0.11 U	0.10 U
Sodium (2)	111	MG/KG	191.00 B	437.00 B	NA	172.00 B	59.70 B	319.00 B	110.00 B	96.10 B	197.00 JB	NA	378.00 J	205.00 JB	362.00 B	332.00 JB	124.00 B
Thallium (2)	1.00	MG/KG	0.44 U	0.48 U	NA	0.46 U	0.42 U	0.50 U	1.10 JB	0.46 U	0.40 U	NA	0.39 U	0.45 UJ	0.51 U	0.45 U	0.41 U
Vanadium (2)	150	MG/KG	16.50 J	18.70 J	NA	18.40 J	8.50 J	19.30 J	12.20 J	25.00 J	12.80 J	NA	13.10 J	25.40 J	33.90 J	17.30 J	11.90 J
Zinc (2)	274	MG/KG	193.00 J	65.90 J	NA	76.90 J	63.20 J	85.30 J	95.80 J	142.00 J	176.00 J	NA	407.00 J	97.70 J	139.00 J	909.00 J	158.00 J
Volatiles (ppb)																	
1,1-Dichloroethene	400	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U	11.00 U
1,2-Dichloroethene (Total)	300	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	16.00 U	270.00 D	13.00 U	11.00 U	11.00 U
2-Butanone	300	UG/KG	11.00 U	8.00 J	6.00 J	12.00 U	10.00 U	12.00 UJ	11.00 U	6.00 J	12.00 U	10.00 J	10.00 U	12.00 U	8.00 J	11.00 U	11.00 U
Acetone	200	UG/KG	11.00 U	28.00 U	31.00 U	20.00 U	10.00 U	30.00 UJ	11.00 U	30.00 U	12.00 U	55.00 U	10.00 U	12.00 U	47.00 U	11.00 U	10.00 U
Benzene	60	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	31.00 J	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U	11.00 U
Carbon Disulfide	2,700	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	14.00 U	10.00 U
Ethylbenzene	5,500	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	19.00 J	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U	11.00 U
Methylene chloride	1,500	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	63.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	14.00 U	10.00 U
Toluene	1,200	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 J	11.00 U
Total Xylenes	700	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	68.00 J	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U	11.00 U
Trichloroethene	200	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	200,000.00 D	210.00	2.00 J	11.00 U	11.00 U
Vinyl chloride	10,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 UJ	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	28.00	13.00 U	11.00 U	11.00 U
Semi-Volatiles (ppb)																	
2,4,5-Trichlorophenol	100	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U	940.00 UJ
2,4,6-Trichlorophenol	-	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
2,4-Dichlorophenol	400	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
2,4-Dimethylphenol	-	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
2,4-Dinitrophenol	200	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U	940.00 UJ
2-Chlorophenol	800	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
2-Methylphenol	36,400	UG/KG	1,200.00 UJ	400.00 J	350.00 UJ	1,900.00 U	15.00 J	9,900.00 J	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	530.00 J	400.00 U	390.00 UJ
2-Nitrophenol	100	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
4,6-Dinitro-2-methylphenol	-	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U	940.00 UJ
4-Chloro-3-methylphenol	240	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
4-Methylphenol	900	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U	390.00 UJ
4-Nitroaniline	-	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U	940.00 UJ
4-Nitrophenol	100	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U	940.00 UJ

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 2A
Former Roblin Steel Site SIR
Subsurface Soil Samples

PARAMETER	REGULATORY VALUE (1)	UNITS	RSS-TP01-D24-S-O	RSS-TP02-D36-S-O	RSS-TB01-D24-S-O	RSS-SP02-D46-S-O	RSS-TP11-D24-S-O	RSS-SP05-D24-S-O	RSS-TB02-D48-S-O	RSS-SP23-D34-S-O	RSS-TB07-D04-S-O	RSS-TP33-D46-S-O	RSS-TB12-D04-S-O	RSS-TB03-D48-S-O	RSS-TP26-D24-S-O	RSS-TB09-D1016-S-O	RSS-SP39-D1416-S-O
Semi-Volatiles (ppb) continued																	
Acenaphthene	50,000	UG/KG	1,800.00 UJ	350.00 J	350.00 UJ	1,900.00 U	56.00 J	630.00 J	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	23.00 J	210.00 J	400.00 U	390.00 UJ
Acenaphthylene	41,000	UG/KG	1,200.00 UJ	630.00 J	350.00 UJ	1,900.00 U	340.00 UJ	150.00 J	370.00 U	420.00 UJ	370.00 U	NA	420.00 UJ	410.00 J	190.00 J	400.00 U	390.00 UJ
Anthracene	50,000	UG/KG	1,300.00 J	1,300.00 J	350.00 UJ	1,900.00 U	120.00 J	250.00 J	370.00 U	420.00 UJ	370.00 U	NA	420.00 UJ	38.00 J	730.00 J	400.00 U	390.00 UJ
Benz(a)anthracene	224	UG/KG	860.00 J	2,400.00 J	26.00 J	90.00 J	300.00 J	210.00 J	54.00 J	15.00 J	47.00 J	NA	490.00 J	63.00 J	2,700.00 J	400.00 U	390.00 UJ
Benz(a)pyrene	61	UG/KG	770.00 J	2,100.00 J	21.00 J	30.00 J	240.00 J	200.00 J	15.00 J	36.00 J	50.00 J	NA	380.00 J	51.00 J	2,400.00 J	400.00 U	390.00 UJ
Benz(b)fluoranthene	1,100	UG/KG	840.00 J	1,800.00 J	54.00 J	130.00 J	230.00 J	410.00 J	370.00 U	420.00 UJ	370.00 U	NA	690.00 J	100.00 J	2,000.00 J	400.00 U	390.00 UJ
Benz(k)fluoranthene	50,000	UG/KG	760.00 J	950.00 J	350.00 UJ	69.00 J	220.00 J	100.00 J	370.00 U	420.00 UJ	370.00 U	NA	340.00 J	410.00 J	1,200.00 J	400.00 U	390.00 UJ
Benzofluoranthene	1,100	UG/KG	760.00 J	950.00 J	350.00 UJ	69.00 J	220.00 J	100.00 J	370.00 U	420.00 UJ	370.00 U	NA	340.00 J	410.00 J	2,200.00 U	570.00 U	390.00 UJ
Big(2-ethylhexyl) phthalate	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	370.00 U	1,500.00 U	2,200.00 U	400.00 U	390.00 UJ
Butyl benzyl phthalate	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	12.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	370.00 U	410.00 J	2,200.00 U	400.00 U	390.00 UJ
Carbazole	-	UG/KG	56.00 J	450.00 J	350.00 UJ	1,900.00 U	58.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	52.00 J	16.00 J	370.00 J	400.00 U	390.00 UJ
Chrysene	400	UG/KG	990.00 J	2,600.00 J	34.00 J	180.00 J	270.00 J	310.00 J	57.00 J	23.00 J	63.00 J	NA	650.00 J	68.00 J	2,900.00 J	41.00 J	390.00 UJ
Dibenz(a,h)anthracene	14	UG/KG	270.00 J	460.00 J	350.00 UJ	1,900.00 U	57.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	100.00 J	19.00 J	660.00 J	400.00 U	390.00 UJ
Dibenzofuran	6,200	UG/KG	53.00 J	510.00 J	350.00 UJ	1,900.00 U	35.00 J	4,300.00 J	370.00 U	420.00 UJ	370.00 U	NA	370.00 U	14.00 J	380.00 J	400.00 U	390.00 UJ
Dimethyl phthalate	2,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 J	410.00 J	2,200.00 U	400.00 U	390.00 UJ
Fluoranthene	50,000	UG/KG	1,800.00 J	5,800.00 J	46.00 J	240.00 J	670.00 J	460.00 J	13.00 J	36.00 J	110.00 J	NA	980.00 J	140.00 J	5,400.00 J	45.00 J	390.00 UJ
Fluorene	50,000	UG/KG	1,800.00 UJ	1,000.00 J	350.00 UJ	1,900.00 U	62.00 J	880.00 J	370.00 U	420.00 UJ	370.00 U	NA	40.00 J	29.00 J	550.00 J	400.00 U	390.00 UJ
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	590.00 J	930.00 J	350.00 UJ	57.00 J	110.00 J	160.00 J	370.00 U	420.00 UJ	370.00 U	NA	200.00 J	19.00 J	1,300.00 J	400.00 U	390.00 UJ
Naphthalene	13,000	UG/KG	220.00 J	290.00 J	350.00 UJ	1,900.00 U	35.00 J	3,400.00 J	370.00 U	420.00 UJ	370.00 U	NA	150.00 J	410.00 U	960.00 J	400.00 U	390.00 UJ
Perfluorophenol	4,400.00 UJ	UG/KG	10,000.00 UJ	290.00 J	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U	940.00 UJ
Phenanthrene	50,000	UG/KG	570.00 J	4,700.00 J	25.00 J	150.00 J	460.00 J	1,800.00 J	35.00 J	31.00 J	57.00 J	NA	630.00 U	100.00 J	4,000.00 U	37.00 J	390.00 UJ
Phenanthrene	30	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 U	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 J	2,200.00 U	400.00 U	390.00 UJ
Pyrene	50,000	UG/KG	1,400.00 J	4,000.00 J	40.00 J	300.00 J	420.00 J	500.00 J	14.00 J	26.00 J	78.00 J	NA	680.00 J	110.00 J	3,900.00 J	35.00 J	390.00 UJ
Total SVOCs (ppb)	500,000	UG/KG	10,049	32,470	246	1,437	3,470	19,870	188	186	578	NA	7,252	771	32,480	158	0
Pesticides / PCBs (ppb)																	
4,4'-DDD	2,900	UG/KG	18.00 U	43.00 U	NA	3.80 U	3.50 U	4.10 U	3.60 U	4.30 U	3.60 U	NA	4.30 U	4.20 U	45.00 U	4.00 U	3.80 U
4,4'-DDE	2,100	UG/KG	30.00 J	43.00 U	NA	3.80 U	3.50 U	4.10 U	3.60 U	4.30 U	3.60 U	NA	4.30 U	2.30 J	45.00 U	4.00 U	3.80 U
4,4'-DDT	2,100	UG/KG	27.00 J	43.00 U	NA	3.80 U	3.50 U	4.10 U	3.60 U	4.30 U	3.60 U	NA	4.30 U	8.80 J	45.00 U	4.00 U	3.80 U
Aroclor 1254	10,000	UG/KG	660.00 U	430.00 U	NA	38.00 U	35.00 U	41.00 U	36.00 U	43.00 U	36.00 U	NA	290.00 U	51.00	450.00 U	40.00 U	38.00 U
Aroclor 1260	10,000	UG/KG	180.00 U	430.00 U	NA	38.00 U	35.00 U	41.00 U	36.00 U	43.00 U	36.00 U	NA	140.00 U	42.00 U	450.00 U	40.00 U	38.00 U
Dieldrin	44	UG/KG	18.00 U	43.00 R	NA	3.80 R	3.50 U	4.10 R	3.60 R	4.30 R	3.60 R	NA	4.30 R	4.20 R	45.00 R	4.00 U	3.80 U
Endosulfan Sulfate	1,000	UG/KG	18.00 U	28.00 J	NA	3.50 J	3.50 U	4.10 U	3.60 U	4.30 R	3.60 U	NA	14.00 U	4.20 R	45.00 R	4.00 U	3.80 U
Endrin aldehyde	100	UG/KG	18.00 R	43.00 R	NA	3.80 R	3.50 R	4.10 R	3.60 R	4.30 R	3.60 R	NA	14.00 R	4.20 R	45.00 R	4.00 U	3.80 R
Endrin ketone	-	UG/KG	18.00 U	43.00 U	NA	2.70 Jp	1.70 Jp	4.10 U	3.60 U	4.30 U	3.60 U	NA	14.00 U	4.20 R	45.00 U	4.00 U	3.80 U
Methoxychlor	-	UG/KG	18.00 R	29.00 R	NA	4.10 R	1.70 Jp	4.10 R	3.60 R	4.30 R	3.60 R	NA	14.00 R	4.20 R	45.00 R	4.00 U	3.80 U
Leachable pH	-	S.U.	7.59	7.62	7.62	7.80	8.06	7.10	8.06	6.20	7.67	NA	8.03	7.81	7.79	10.20	8.23
Total Pesticides (ppb)	10,000	UG/KG	57.00	28.00	NA	6.20	1.70	0	0	0	0	NA	50.00	11.10	0	0	0

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 2A
Former Robin Steel Site SIR
Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-TF32-D46-S-O	RSS-TB06-D1018-S-O	RSS-SP37-D24-S-O	RSS-TF27-D46-S-O	RSS-TB04-D610-S-O	RSS-TB10-D810-S-O	RSS-SP20-D23-S-O	RSS-SP29-D46-S-O	RSS-TB11-D26-S-O	RSS-TB05-D410-S-O	RSS-SP36-D24-S-O	RSS-TB08-D610-S-O	RSS-SP32-D35-S-O	RSS-SPXX-RB	RSS-TBXX-RB
TAL - Metals (ppm)																	
Aluminum (2)	10,800	MG/KG	7,170.00 J	6,200.00 J	9,080.00 J	17,400.00 J	8,850.00 J	8,270.00 J	5,390.00 J	11,200.00 J	12,700.00 J	13,400.00 J	15,100.00 J	14,400.00 J	12,700.00 J	32.50 U	32.50 U
Antimony (2)	0.94	MG/KG	0.60 UJ	0.52 JB	0.23 UJ	0.74 JB	0.80 JB	0.79 JB	1.20 JB	0.92 JB	0.91 JB	0.55 JB	8.90 J	14.40 JB	0.88 J	5.40 U	5.40 U
Arsenic (2)	12.70	MG/KG	11.00	6.40 J	12.20	12.90	18.60 J	13.70 J	13.90	6.80	5.60 J	8.40 J	16.00	11.60 J	11.70	4.00 U	4.00 U
Barium (2)	300	MG/KG	86.90 J	86.30 J	110.00 J	80.60 J	51.40 J	109.00 J	109.00 J	102.00 J	99.70 J	66.50 J	5,860.00 J	157.00 J	118.00 J	10.70 B	8.80 B
Beryllium (2)	0.56	MG/KG	0.38 B	0.27 B	0.45 B	0.68	0.54 B	0.42 B	0.84	0.60 B	0.47 B	0.51 B	0.59	0.76	0.77	0.34 B	0.27 B
Cadmium (2)	1.00	MG/KG	0.39 B	0.35 B	0.21 B	0.22 B	0.18 B	0.24 B	0.28 B	0.26 B	0.20 B	0.33 B	2.80 J	0.27 B	0.30 B	0.30 U	0.30 U
Calcium (2)	3,000	MG/KG	18,300.00 J	13,800.00 J	7,280.00 J	1,470.00 J	17,000.00 J	18,700.00 J	6,080.00 J	2,240.00 J	5,930.00 J	4,820.00 J	141,000.00 J	18,500.00 J	4,810.00 J	100.00 B	116.00 B
Chromium (2)	29.40	MG/KG	16.60 J	19.10 J	12.50 J	20.20 J	13.60 J	11.60 J	16.70 J	11.70 J	18.10 J	16.50 J	573.00 J	20.80 J	22.70 J	0.60 U	0.60 U
Cobalt	30.00	MG/KG	8.20 J	5.30 JB	10.60 J	10.90 J	12.40 J	11.10 J	8.10 J	7.00 J	12.20 J	9.40 J	10.80 J	14.60 J	13.10 J	0.50 U	0.50 U
Copper	25.00	MG/KG	33.10 J	26.10 J	37.90 J	32.00 J	63.10 J	53.10 J	50.50 J	21.80 J	25.00 J	18.10 J	140.00 J	30.10 J	33.70 J	0.60 U	0.60 U
Cyanide (3)		MG/KG	0.54	0.50 U	0.88	0.50 U	0.50 U	0.61	0.50 U	0.50 U	0.50 U	0.50 U	0.60	0.50 U	0.50 U	0.01 U	0.01 U
Iron (2)	26,300	MG/KG	22,700.00 J	18,200.00 J	27,200.00 J	34,900.00 J	42,300.00 J	26,300.00 J	23,400.00 J	18,700.00 J	23,100.00 J	27,200.00 J	150,000.00 J	28,900.00 J	30,700.00 J	47.20 B	50.20 B
Lead (2)	188	MG/KG	21.90 J	16.40 J	16.20 J	14.90 J	33.30 J	21.60 J	77.10 J	25.20 J	111.00 J	14.20 J	102.00 J	16.40 J	16.80 J	2.30 U	2.30 U
Magnesium (2)	2,890	MG/KG	5,490.00 J	4,730.00 J	4,210.00 J	3,430.00 J	6,880.00 J	5,620.00 J	1,690.00 J	1,990.00 J	3,810.00 J	4,010.00 J	38,900.00 J	8,770.00 J	4,050.00 J	137.00 B	10.90 U
Manganese (2)	430	MG/KG	563.00 J	740.00 J	668.00 J	155.00 J	369.00 J	284.00 J	173.00 J	144.00 J	398.00 J	210.00 J	10,300.00 J	302.00 J	272.00 J	0.10 U	0.10 U
Mercury (2)	0.10	MG/KG	0.01 U*	0.01 UJ	0.01 U*	0.01 U*	0.02 JB	0.13 N	0.29 *	0.04 B*	0.01 NU	0.01 UJ	0.02 B*	0.01 UJ	0.07 U	0.07 U	0.07 U
Nickel (2)	27.30	MG/KG	23.50 J	16.50 J	28.20 J	24.00 J	39.20 J	33.60 J	40.90 J	14.10 J	29.70 J	23.80 J	128.00 J	39.00 J	40.40 J	1.00 U	1.00 U
Potassium (2)	1,100	MG/KG	927.00 J	865.00 J	1,190.00 J	1,220.00 J	1,550.00 J	1,410.00 J	677.00 J	1,110.00 J	1,250.00 J	1,200.00 J	645.00 J	2,280.00 J	1,510.00 J	81.40 B	36.70 B
Selenium (2)	2.00	MG/KG	0.06 U	1.00 J	1.10	2.10	0.88	0.92	1.30	0.12 U	0.11 U	1.50	3.20	2.50 J	0.75	4.00 U	4.00 U
Silver (2)	0.14	MG/KG	0.06 U	0.11 U	0.10 U	0.06 U	0.12 U	0.15 B	0.12 U	0.12 U	0.11 U	0.10 U	1.60	0.11 U	0.10 U	0.50 U	0.50 U
Sodium (2)	111	MG/KG	148.00 B	110.00 JB	90.10 B	187.00 B	150.00 JB	116.00 JB	116.00 J	266.00 B	79.50 B	87.30 JB	198.00 B	131.00 JB	117.00 B	258.00 U	258.00 U
Thallium (2)	1.00	MG/KG	0.43 U	0.58 JB	0.38 U	0.47 U	0.46 UJ	1.20	0.47 U	0.48 U	1.10 B	0.41 U	0.40 U	0.43 U	0.42 U	3.90 U	3.90 U
Vanadium (2)	150	MG/KG	11.40 J	11.90 J	13.80 J	30.80 J	17.00 J	12.40 J	21.00 J	21.40 J	19.40 J	22.20 J	72.50 J	24.20 J	48.10 J	0.70 U	0.70 U
Zinc (2)	274	MG/KG	342.00 J	154.00 J	204.00 J	77.40 J	184.00 J	79.30 J	180.00 J	62.80 J	95.10 J	145.00 J	1,090.00 J	77.60 J	75.70 J	4.10 U	4.10 U
Volatiles (ppb)																	
1,1-Dichloroethene	400	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	1.00 J	12.00 U	10.00 U	10.00 U
1,2-Dichloroethene (Total)	300	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 UJ	11.00 U	12.00 U	12.00 UJ	11.00 U	2.00 J	10.00 U	180.00 D	12.00 U	10.00 U	10.00 U
2-Butanone	300	UG/KG	13.00 U	12.00 U	11.00 U	23.00 U	13.00 U	11.00 U	12.00 U	4.30 U	15.00 U	36.00 U	10.00 U	12.00 U	28.00 U	3.00 BJ	3.00 BJ
Acetone	200	UG/KG	13.00 U	12.00 U	11.00 U	11.00 U	13.00 U	11.00 U	12.00 U	12.00 U	11.00 U	2.00 J	10.00 U	12.00 U	12.00 U	10.00 U	10.00 U
Benzene	60	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	2.00 J	12.00 U	11.00 U	11.00 U	10.00 U	12.00 U	12.00 U	10.00 U	10.00 U
Carbon Disulfide	2,700	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	2.00 J	10.00 U	12.00 U	12.00 U	10.00 U	10.00 U
Ethylbenzene	5,500	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	11.00 U	10.00 U	12.00 U	12.00 U	10.00 U	10.00 U
Methylene chloride	1,500	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U	4.00 BU	4.00 BU
Toluene	1,200	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U	10.00 U	10.00 U
Total Xylenes	700	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U	10.00 U	10.00 U
Trichloroethene	200	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	1.00 J	10.00 U	440.00 D	12.00 U	10.00 U	10.00 U
Vinyl chloride	200	UG/KG	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	2.00 J	12.00 U	10.00 U	10.00 U
Total VOCs (ppb)	10,000	UG/KG	0	2	0	0	0	0	2	8	7	5	0	623	0	0	10,000
Semi-Volatiles (ppb)																	
2,4,5-Trichlorophenol	100	UG/KG	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	910.00 R	960.00 U	960.00 UJ	23.00 U	24.00 U
2,4,6-Trichlorophenol	-	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
2,4-Dichlorophenol	400	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
2,4-Dimethylphenol	-	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
2,4-Dinitrophenol	200	UG/KG	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	910.00 R	960.00 U	960.00 UJ	23.00 U	24.00 U
2-Chlorophenol	800	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
2-Methylnaphthalene	36,400	UG/KG	370.00 U	390.00 U	350.00 UJ	12.00 J	21.00 J	29.00 J	180.00 J	4,000.00 J	4,000.00	1,000.00	130.00 J	400.00 U	12.00 J	9.00 U	10.00 U
2-Methylphenol	100	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
2-Nitrophenol	330	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
4,6-Dinitro-2-methylphenol	-	UG/KG	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	910.00 R	960.00 U	960.00 UJ	23.00 U	24.00 U
4-Chloro-3-methylphenol	240	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
4-Methylphenol	900	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ	9.00 U	10.00 U
4-Nitroaniline	-	UG/KG	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 U	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	910.00 R	960.00 U	960.00 UJ	23.00 U	24.00 U
4-Nitrophenol	100	UG/KG	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	910.00 R	960.00 U	960.00 UJ	23.00 U	24.00 U

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 2A
Former Roblin Steel Site SIR
Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-TF32-D46-S-O	RSS-TB06-D1018-S-O	RSS-SP37-D24-S-O	RSS-TF27-D46-S-O	RSS-TB04-D610-S-O	RSS-TB10-D810-S-O	RSS-SP20-D23-S-O	RSS-SP29-D46-S-O	RSS-TB11-D26-S-O	RSS-TB05-D410-S-O	RSS-SP36-D24-S-O	RSS-TB08-D610-S-O	RSS-SP32-D35-S-O	RSS-SPXX-RB	RSS-TBXX-RB
Semi-Volatiles (ppb) continued																	
Acenaphthene	50,000	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	81.00 J	19.00 J	52.00 J	2,200.00 UJ	400.00	320.00 J	3,800.00 U	400.00 U	13.00 J	9.00 U	10.00 U
Acenaphthylene	41,000	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 J	13.00 J	180.00 J	2,200.00 UJ	380.00 U	82.00 J	790.00 J	12.00 U	400.00 UJ	9.00 U	10.00 U
Anthracene	50,000	UG/KG	120.00 J	390.00 U	190.00 J	20.00 J	170.00 J	49.00 J	110.00 J	210.00 J	180.00 J	220.00 J	860.00 J	11.00 J	27.00 J	9.00 U	10.00 U
Benzol(a)anthracene	224	UG/KG	770.00	24.00 J	350.00 UJ	46.00 J	360.00 J	70.00 J	380.00 J	2,200.00 UJ	96.00 J	90.00 J	4,500.00	66.00 J	71.00 J	9.00 U	10.00 U
Benzol(a)pyrene	61	UG/KG	590.00	24.00 J	350.00 UJ	35.00 J	320.00 J	53.00 J	550.00 J	2,200.00 UJ	83.00 J	70.00 J	3,800.00	82.00 J	67.00 J	9.00 U	10.00 U
Benzol(b)fluoranthene	1,100	UG/KG	740.00	26.00 J	350.00 UJ	50.00 J	260.00 J	51.00 J	690.00 J	2,200.00 UJ	160.00 J	58.00 J	3,600.00 J	76.00 J	80.00 J	9.00 U	10.00 U
Benzol(k)fluoranthene	50,000	UG/KG	390.00	12.00 J	350.00 UJ	20.00 J	240.00 J	20.00 J	290.00 J	2,200.00 UJ	73.00 J	28.00 J	2,700.00 J	40.00 J	56.00 J	9.00 U	10.00 U
Big(2-ethylhexyl) phthalate	50,000	UG/KG	540.00	22.00 J	350.00 UJ	410.00 U	350.00 J	48.00 J	500.00 J	2,200.00 UJ	380.00 U	69.00 J	4,100.00	76.00 J	57.00 J	9.00 U	10.00 U
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 U	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 UJ	400.00 U	400.00 UJ	9.00 U	10.00 U
Butyl benzyl phthalate	50,000	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 U	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 UJ	400.00 U	400.00 UJ	9.00 U	10.00 U
Carbazole	-	UG/KG	46.00 J	390.00 U	220.00 J	410.00 U	61.00 J	14.00 J	71.00 J	2,200.00 UJ	380.00 U	370.00 U	130.00 J	400.00 U	13.00 J	9.00 U	10.00 U
Chrysene	400	UG/KG	940.00	28.00 J	32.00 J	48.00 J	350.00 J	140.00 J	520.00 J	58.00 J	150.00 J	84.00 J	4,800.00	71.00 J	94.00 J	9.00 U	10.00 U
Dibenzol(a,h)anthracene	14	UG/KG	170.00 J	390.00 U	350.00 UJ	410.00 U	110.00 J	16.00 J	180.00 J	2,200.00 UJ	25.00 J	12.00 J	1,300.00 J	18.00 J	20.00 J	9.00 U	10.00 U
Dibenzofuran	6,200	UG/KG	13.00 J	390.00 U	350.00 UJ	410.00 U	54.00 J	25.00 J	64.00 J	380.00 J	330.00 J	310.00 J	190.00 J	400.00 U	13.00 J	9.00 U	10.00 U
Dimethyl phthalate	2,000	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 U	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 U	400.00 U	400.00 UJ	9.00 U	10.00 U
Fluoranthene	50,000	UG/KG	1,300.00	46.00 J	11.00 J	140.00 J	800.00	170.00 J	620.00 J	140.00 J	230.00 J	180.00 J	10,000.00	130.00 J	180.00 J	9.00 U	10.00 U
Fluorene	50,000	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	75.00 J	38.00 J	89.00 J	500.00 J	500.00	330.00 J	350.00 J	400.00 U	21.00 J	9.00 U	10.00 U
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	380.00	13.00 J	350.00 UJ	20.00 J	230.00 J	31.00 J	390.00 J	160.00 J	54.00 J	98.00 J	2,900.00 J	46.00 J	52.00 J	9.00 U	10.00 U
Naphthalene	13,000	UG/KG	370.00 U	390.00 U	350.00 UJ	25.00 J	36.00 J	16.00 J	77.00 J	160.00 J	700.00	98.00 J	3,800.00 U	400.00 U	400.00 UJ	9.00 U	10.00 U
Phenanthrene	1,000	UG/KG	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	8,400.00	960.00 U	960.00 UJ	23.00 U	24.00 U
Phenanthrene	50,000	UG/KG	650.00	31.00 J	13.00 J	130.00 J	640.00	180.00 J	330.00 J	1,200.00 J	1,400.00	1,100.00	4,900.00	58.00 J	87.00 J	9.00 U	10.00 U
Phenol	30	UG/KG	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	22.00 J	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00	400.00 U	400.00 UJ	9.00 U	10.00 U
Pyrene	50,000	UG/KG	940.00	38.00 J	350.00 UJ	98.00 J	650.00	140.00 J	580.00 J	250.00 J	240.00 J	290.00 J	8,700.00	110.00 J	150.00 J	9.00 U	10.00 U
Total SVOCs (ppb)	500,000	UG/KG	7,589	264	466	660	4,798	1,144	5,853	6,898	8,621	4,437	53,750	796	1,015		
Pesticides / PCBs (ppb)																	
4,4'-DDE	2,900	UG/KG	3.70 U	3.90 U	3.40 U	4.10 U	4.10 U	3.60 U	41.00 U	4.50 U	3.80 U	3.70 U	37.00 U	3.90 U	3.90 U	0.09 U	0.10 U
4,4'-DDE	2,100	UG/KG	3.70 U	3.90 U	3.40 U	4.10 U	4.10 U	3.60 U	41.00 U	4.50 U	3.80 U	3.70 U	37.00 U	3.90 U	3.90 U	0.09 U	0.10 U
4,4'-DDT	10,000	UG/KG	37.00 U	39.00 U	34.00 U	41.00 U	41.00 U	36.00 U	410.00 U	45.00 U	38.00 U	37.00 U	370.00 U	39.00 U	39.00 U	0.94 U	0.98 U
Aroclor 1260	10,000	UG/KG	37.00 U	39.00 U	34.00 U	41.00 U	41.00 U	36.00 U	410.00 U	45.00 U	38.00 U	37.00 U	370.00 U	39.00 U	39.00 U	0.94 U	0.98 U
Dieldrin	44	UG/KG	3.70 R	3.90 R	3.40 R	4.10 R	4.10 R	3.60 R	41.00 R	4.50 R	3.80 R	3.70 R	37.00 R	3.90 R	3.90 R	0.09 U	0.10 U
Endosulfan Sulfate	1,000	UG/KG	3.70 U	3.90 U	3.40 U	4.10 U	4.10 U	3.60 U	41.00 U	4.50 U	3.80 U	3.70 U	37.00 U	3.90 U	3.90 U	0.09 U	0.10 U
Endrin	100	UG/KG	3.70 R	3.90 R	3.40 R	4.10 R	4.10 R	3.60 R	41.00 R	4.50 R	3.80 R	3.70 R	37.00 R	3.90 R	3.90 R	0.09 U	0.10 U
Endrin aldehyde	-	UG/KG	3.70 R	3.90 R	3.40 R	4.10 R	4.10 R	3.60 R	41.00 R	4.50 R	3.80 R	3.70 R	37.00 R	3.90 R	3.90 R	0.09 U	0.10 U
Endrin ketone	-	UG/KG	3.70 U	3.90 U	3.40 U	4.10 U	4.10 U	3.60 U	41.00 U	4.50 U	3.80 U	3.70 U	37.00 U	3.90 U	3.90 U	0.09 U	0.10 U
Methoxychlor	-	UG/KG	14.00 R	20.00 R	18.00 R	21.00 R	21.00 R	18.00 R	240.00 R	23.00 R	20.00 R	19.00 R	240.00 R	20.00 R	20.00 R	0.47 U	0.49 U
Leachable pH	-	S.U.	10.30	11.00	8.54	6.64	7.60	8.14	6.79	6.57	7.79	7.38	12.30	7.83	7.48		
Total Pesticides (ppb)	10,000	UG/KG	0	0	0	0	0	0	25.00	0	0	0	0	0	0		

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 2B
Former Roblin Steel Site S1R
Subsurface Soil Samples

PARAMETER	SSCL (1)	UNITS	RSS-TP01-D24-S-O	RSS-TP02-D36-S-O	RSS-TB01-D24-S-O	RSS-SP02-D46-S-O	RSS-TP11-D24-S-O	RSS-SP05-D24-S-O	RSS-TB02-D48-S-O	RSS-SP23-D34-S-O	RSS-TB07-D04-S-O	RSS-TP33-D46-S-O	RSS-TB12-D04-S-O	RSS-TB03-D48-S-O	RSS-TP26-D24-S-O	RSS-TB09-D1016-S-O
TAL - Metals (ppm)																
Arsenic	50.00	MG/KG	17.20	7.90	NA	5.40	19.50	22.50	13.60 J	9.20	5.80 J	NA	23.40 J	9.30 J	17.90	21.50 J
Barium	1,000	MG/KG	92.00 J	64.90 J	NA	86.10 J	11.40 JB	117.00 J	35.70 J	89.00 J	218.00 J	NA	143.00 J	183.00 J	140.00 J	102.00 J
Beryllium	5.00	MG/KG	0.63	0.42 B	NA	0.40 B	0.24 B	1.20	0.50 B	0.50 JB	0.37 B	NA	2.60	0.99	2.10	0.51 B
Cadmium	20.00	MG/KG	0.49 B	0.20 B	NA	0.34 B	1.70	0.25 B	0.21 B	0.17 JB	0.77	NA	0.89	0.18 B	0.49 B	0.95
Chromium	1,000.00	MG/KG	22.20 J	13.40 J	NA	16.10 J	630.00 J	65.10 J	13.30 J	15.80 J	153.00 J	NA	19.80 J	23.80 J	27.00 J	51.00 J
Copper	250.00	MG/KG	54.20 J	21.90 J	NA	22.80 J	291.00 J	65.10 J	42.00 J	27.00 J	76.60 J	NA	60.30 J	27.80 J	152.00 J	53.10 J
Lead	1,000	MG/KG	62.30 J	24.50 J	NA	28.40 J	16.40 J	152.00 J	19.00 J	28.90 J	147.00 J	NA	126.00 J	18.30 J	192.00 J	51.60 J
Selenium	50.00	MG/KG	1.80	1.30	NA	1.30	5.30	2.80	0.94	1.90	2.60 J	NA	1.30	0.82	3.90	2.00
Silver	10.00	MG/KG	0.07 B	0.06 U	NA	0.06 U	0.43 B	0.11 B	0.10 U	0.11 U	0.30 B	NA	0.18 B	0.11 U	0.26 B	0.11 U
Zinc	85,000	MG/KG	193.00 J	65.90 J	NA	76.90 J	63.20 J	85.30 J	95.80 J	142.00 J	176.00 J	NA	407.00 J	97.70 J	139.00 J	909.00 J
Volatiles (ppb)																
1,1-Dichloroethene	1,000	UG/KG	11.00 U	13.00 U	10,000 U	12.00 U	10.00 U	12.00 U	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U
1,2-Dichloroethene (Total)	1,000	UG/KG	11.00 U	13.00 U	10,000 U	12.00 U	10.00 U	12.00 U	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U
2-Butathone	1,000	UG/KG	11.00 U	8.00 J	6.00 J	12.00 U	10.00 U	12.00 U	11.00 U	6.00 J	12.00 U	10.00 J	10.00 U	12.00 U	8.00 J	11.00 U
Acetone	1,000	UG/KG	11.00 U	28.00 U	31.00 U	20.00 U	10.00 U	30.00 U	11.00 U	30.00 U	12.00 U	55.00 U	10.00 U	12.00 U	47.00 U	11.00 U
Benzene	1,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	31.00 J	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U
Carbon Disulfide	1,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 U	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	13.00 U	13.00 U	11.00 U
Ethylbenzene	1,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	19.00 J	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	13.00 U	13.00 U	11.00 U
Methylene chloride	1,000	UG/KG	15.00 U	13.00 U	10.00 U	12.00 U	13.00 U	63.00 U	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	14.00 U	14.00 U
Toluene	1,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 U	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	1.00 J
Total Xylenes	1,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	68.00 J	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	12.00 U	13.00 U	11.00 U
Trichloroethene	1,000	UG/KG	11.00 U	13.00 U	10.00 U	12.00 U	10.00 U	12.00 U	11.00 U	12.00 U	12.00 U	12.00 U	200,000.00 D	210.00	2.00 J	11.00 U
Vinyl chloride	1,000	UG/KG	11.00 U	13.00 U	10,000 U	12.00 U	10.00 U	12.00 U	11.00 U	12.00 U	12.00 U	12.00 U	10.00 U	28.00	13.00 U	11.00 U
Total VOCs (ppb)	10,000	UG/KG	0	8	6	0	0	118	0	6	8	10	200,017	510	10	1
Semi-Volatiles (ppb)																
2,4,5-Trichlorophenol	50,000	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U
2,4,6-Trichlorophenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
2,4-Dichlorophenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
2,4-Dimethylphenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
2,4-Dinitrophenol	50,000	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U
2-Chlorophenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
2-Methylphenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
2-Nitrophenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
4,6-Dinitro-2-methylphenol	50,000	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U
4-Chloro-3-methylphenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
4-Methylphenol	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
4-Nitroaniline	50,000	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U
4-Nitrophenol	50,000	UG/KG	4,400.00 UJ	10,000.00 UJ	860.00 UJ	4,700.00 U	830.00 UJ	9,900.00 U	890.00 U	1,000.00 UJ	890.00 U	NA	870.00 U	990.00 U	5,400.00 U	960.00 U
Acenaphthene	50,000	UG/KG	1,800.00 UJ	350.00 J	350.00 UJ	1,900.00 U	56.00 J	630.00 J	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	23.00 J	210.00 J	400.00 U
Acenaphthylene	50,000	UG/KG	120.00 J	630.00 J	350.00 UJ	1,900.00 U	340.00 UJ	150.00 J	370.00 U	420.00 UJ	370.00 U	NA	53.00 J	410.00 U	190.00 J	400.00 U
Anthracene	50,000	UG/KG	130.00 J	1,300.00 J	350.00 UJ	1,900.00 U	120.00 J	250.00 J	370.00 U	420.00 UJ	370.00 U	NA	67.00 J	38.00 J	730.00 J	400.00 U
Benzofluoranthene	10,000	UG/KG	860.00 J	2,400.00 J	26.00 J	130.00 J	300.00 J	210.00 J	54.00 J	19.00 J	47.00 J	NA	490.00	63.00 J	2,700.00	400.00 U
Benzofluorene	10,000	UG/KG	770.00 J	2,100.00 J	21.00 J	90.00 J	240.00 J	200.00 J	15.00 J	15.00 J	50.00 J	NA	380.00	51.00 J	2,400.00	400.00 U
Benzofluoranthene	10,000	UG/KG	840.00 J	1,800.00 J	54.00 J	130.00 J	230.00 J	410.00 J	370.00 U	420.00 UJ	370.00 U	NA	690.00	100.00 J	2,000.00	400.00 U
Benzofluoranthene	10,000	UG/KG	620.00 J	950.00 J	350.00 UJ	91.00 J	100.00 J	180.00 J	26.00 J	26.00 J	26.00 J	NA	190.00 J	410.00 U	1,200.00	400.00 U
Benzofluoranthene	10,000	UG/KG	760.00 J	1,800.00 J	350.00 UJ	69.00 J	220.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	340.00 J	410.00 U	2,100.00	400.00 U
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	1,100.00	1,500.00 U	2,200.00 U	570.00 U
Butyl benzyl phthalate	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	12.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
Carbazole	50,000	UG/KG	56.00 J	450.00 J	350.00 UJ	1,900.00 U	58.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	52.00 J	16.00 J	370.00 J	400.00 U
Chrysene	10,000	UG/KG	990.00 J	2,600.00 J	34.00 J	180.00 J	270.00 J	310.00 J	57.00 J	23.00 J	63.00 J	NA	650.00	68.00 J	2,900.00	41.00 J
Dibenzofluoranthene	50,000	UG/KG	270.00 J	460.00 J	350.00 UJ	1,900.00 U	57.00 J	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	100.00 J	410.00 U	660.00 J	400.00 U
Dibenzofuran	50,000	UG/KG	53.00 J	510.00 J	350.00 UJ	1,900.00 U	35.00 J	430.00 J	370.00 U	420.00 UJ	370.00 U	NA	100.00 J	14.00 J	380.00 J	400.00 U
Dimethyl phthalate	50,000	UG/KG	1,800.00 UJ	4,200.00 UJ	350.00 UJ	1,900.00 U	340.00 UJ	4,100.00 U	370.00 U	420.00 UJ	370.00 U	NA	360.00 U	410.00 U	2,200.00 U	400.00 U
Fluoranthene	50,000	UG/KG	1,800.00 UJ	5,800.00 J	46.00 J	240.00 J	670.00 J	460.00 J	13.00 J	36.00 J	110.00 J	NA	980.00	140.00 J	5,400.00	45.00 J
Fluorene	50,000	UG/KG	1,800.00 UJ	1,000.00 J	350.00 UJ	1,900.00 U	62.00 J	880.00 J	370.00 U	420.00 UJ	370.00 U	NA	40.00 J	28.00 J	550.00 J	400.00 U
Indeno(1,2,3-cd)pyrene	10,000	UG/KG	590.00 J	930.00 J	350.00 UJ	57.00 J	110.00 J	160.00 J	370.00 U	420.00 UJ	370.00 U	NA	200.00 J	19.00 J	1,300.00 J	400.00 U
Naphthalene	50,000	UG/KG	220.00 J	290.00 J	350.00 UJ	1,900.00 U	35.00 J	3,400.00 J	370.00 U	420.00 UJ						

Table 2B
Former Robin Steel Site SIR
Subsurface Soil Samples

PARAMETER	SSCL (1)	UNITS	RSS-SP39- D1416-S-O	RSS-TP32- D46-S-O	RSS-TB06- D1018-S-O	RSS-SP37- D24-S-O	RSS-TP27- D46-S-O	RSS-TB04- D610-S-O	RSS-TB10- D810-S-O	RSS-SP20- D23-S-O	RSS-SP29- D46-S-O	RSS-TB11- D26-S-O	RSS-TB05- D410-S-O	RSS-SP36- D24-S-O	RSS-TB08- D610-S-O	RSS-SP32- D35-S-O
TAL - Metals (ppm)																
Arsenic	50.00	MG/KG	11.10	11.00	6.40 J	12.20	12.90	18.60 J	13.70 J	13.90	6.80	5.60 J	8.40 J	16.00	11.60 J	11.70
Barium	1,000	MG/KG	74.80 J	86.90 J	86.30 J	110.00 J	80.60 J	51.40 J	109.00 J	109.00 J	102.00 J	99.70 J	66.50 J	5,860.00 J	157.00 J	118.00 J
Beryllium	5.00	MG/KG	0.37 B	0.38 B	0.27 B	0.45 B	0.68	0.54 B	0.42 B	0.84	0.60 B	0.47 B	0.51 B	0.59	0.76	0.77
Cadmium	20.00	MG/KG	0.17 B	0.39 B	0.35 B	0.21 B	0.22 B	0.18 B	0.24 B	0.28 B	0.26 B	0.20 B	0.33 B	2.80 J	0.27 B	0.24 B
Chromium	1,000.00	MG/KG	26.80 J	16.60 J	19.10 J	12.50 J	20.20 J	13.60 J	11.60 J	16.70 J	43.00 J	18.10 J	16.50 J	573.00 J	20.80 J	22.70 J
Copper	250.00	MG/KG	28.90 J	33.10 J	26.10 J	37.90 J	32.00 J	63.10 J	53.10 J	50.50 J	21.80 J	25.00 J	18.10 J	140.00 J	30.10 J	33.70 J
Lead	1,000	MG/KG	13.00 J	21.90 J	16.40 J	16.20 J	14.90 J	33.30 J	21.60 J	77.10 J	25.20 J	111.00 J	14.20 J	102.00 J	16.40 J	16.80 J
Selenium	50.00	MG/KG	0.56 U	1.20	1.00 J	1.10	2.10	0.88	0.92	1.30	1.30	0.60 B	1.50	3.20	2.50 J	0.75
Silver	10.00	MG/KG	0.10 U	0.06 U	0.11 U	0.10 U	0.06 U	0.12 U	0.15 B	0.12 U	0.12 U	0.11 U	0.10 U	1.60	0.11 U	0.10 U
Zinc	85,000	MG/KG	158.00 J	342.00 J	154.00 J	204.00 J	77.40 J	184.00 J	79.30 J	180.00 J	62.80 J	95.10 J	145.00 J	1,090.00 J	77.60 J	75.70 J
Volatiles (ppb)																
1,1-Dichloroethene	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	1.00 J	12.00 U
1,2-Dichloroethene (Total)	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	180.00 D	12.00 U
2-Butanone	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	8.00 J	2.00 J	12.00 U	10.00 U	12.00 U	12.00 U
Acetone	1,000	UG/KG	10.00 U	13.00 U	12.00 U	11.00 U	23.00 U	13.00 U	11.00 U	12.00 U	43.00 U	15.00 U	36.00 U	10.00 U	12.00 U	28.00 U
Benzene	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U
Carbon Disulfide	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	2.00 J	12.00 U	11.00 U	2.00 J	10.00 U	12.00 U	12.00 U
Ethylbenzene	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	19.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U
Methylene chloride	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U
Toluene	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	12.00 U	12.00 U
Total Xylenes	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	5.00 J	12.00 U	10.00 U	12.00 U	12.00 U
Trichloroethene	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	1.00 J	10.00 U	440.00 D	12.00 U
Vinyl chloride	1,000	UG/KG	11.00 U	13.00 U	12.00 U	11.00 U	13.00 U	12.00 U	11.00 U	12.00 U	12.00 U	11.00 U	12.00 U	10.00 U	2.00 J	12.00 U
Total VOCs (ppb)	10,000	UG/KG	0	0	2	0	0	0	0	2	8	7	5	0	623	0
Semi-Volatiles (ppb)																
2,4,5-Trichlorophenol	50,000	UG/KG	940.00 UJ	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	9,100.00 R	960.00 U	960.00 UJ
2,4,6-Trichlorophenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
2,4-Dichlorophenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
2,4-Dimethylphenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
2,4-Dinitrophenol	50,000	UG/KG	940.00 UJ	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	9,100.00 R	960.00 U	960.00 UJ
2-Chlorophenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
2-Methylphenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
2-Methylthiophenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
4,6-Dinitro-2-methylphenol	50,000	UG/KG	940.00 UJ	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	9,100.00 R	960.00 U	960.00 UJ
4-Chloro-3-methylphenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
4-Methylphenol	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	9,800.00 R	400.00 U	400.00 UJ
4-Nitrophenol	50,000	UG/KG	940.00 UJ	890.00 U	940.00 U	850.00 UJ	1,000.00 U	980.00 UJ	860.00 U	4,900.00 UJ	5,400.00 UJ	910.00 U	910.00 U	9,100.00 R	960.00 U	960.00 UJ
Acenaphthene	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 U	400.00 U	400.00 UJ
Acenaphthylene	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 U	400.00 U	400.00 UJ
Anthracene	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 UJ	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 U	400.00 U	400.00 UJ
Benzod(a)anthracene	10,000	UG/KG	390.00 UJ	770.00	24.00 J	350.00 UJ	46.00 J	350.00 UJ	70.00 J	380.00 J	2,200.00 UJ	96.00 J	90.00 J	4,500.00	66.00 J	71.00 J
Benzod(a)pyrene	10,000	UG/KG	390.00 UJ	590.00	24.00 J	350.00 UJ	35.00 J	320.00 J	53.00 J	550.00 J	2,200.00 UJ	83.00 J	70.00 J	3,800.00	82.00 J	80.00 J
Benzod(b)fluoranthene	10,000	UG/KG	390.00 UJ	740.00	26.00 J	350.00 UJ	54.00 J	260.00 J	51.00 J	690.00 J	2,200.00 UJ	160.00 J	58.00 J	3,600.00 J	76.00 J	80.00 J
Benzod(g)herylene	50,000	UG/KG	390.00 UJ	390.00	12.00 J	350.00 UJ	20.00 J	240.00 J	20.00 J	290.00 J	2,200.00 UJ	73.00 J	28.00 J	2,700.00 J	40.00 J	58.00 J
Benzol(k)fluoranthene	10,000	UG/KG	390.00 UJ	540.00	22.00 J	350.00 UJ	41.00 U	350.00 J	48.00 J	500.00 J	2,200.00 UJ	380.00 U	69.00 J	4,100.00	76.00 J	400.00 UJ
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 U	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 UJ	400.00 U	400.00 UJ
Butyl benzyl phthalate	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 U	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 U	400.00 U	400.00 UJ
Carbazole	50,000	UG/KG	390.00 UJ	46.00 J	390.00 U	220.00 J	48.00 J	61.00 J	14.00 J	71.00 J	2,200.00 UJ	150.00 U	370.00 U	1,300.00 J	400.00 U	13.00 J
Chrysene	10,000	UG/KG	390.00 UJ	940.00	28.00 J	32.00 J	48.00 J	350.00 J	140.00 J	520.00 J	58.00 J	150.00 J	84.00 J	4,800.00	71.00 J	94.00 J
Dibenz(a,h)anthracene	50,000	UG/KG	390.00 UJ	170.00 J	390.00 U	350.00 UJ	410.00 U	110.00 J	16.00 J	180.00 J	2,200.00 UJ	25.00 J	12.00 J	1,300.00 J	18.00 J	20.00 J
Dibenzofuran	50,000	UG/KG	390.00 UJ	13.00 J	390.00 U	350.00 UJ	410.00 U	54.00 J	25.00 J	64.00 J	380.00 J	330.00 J	310.00 J	1,900.00 J	400.00 U	13.00 J
Dimethyl phthalate	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	400.00 U	350.00 U	2,000.00 UJ	2,200.00 UJ	380.00 U	370.00 U	3,800.00 U	400.00 U	400.00 UJ
Fluoranthene	50,000	UG/KG	390.00 UJ	1,300.00	46.00 J	11.00 J	140.00 J	800.00	170.00 J	620.00 J	140.00 J	230.00 J	180.00 J	10,000.00	180.00 J	180.00 J
Fluorene	50,000	UG/KG	390.00 UJ	370.00 U	390.00 U	350.00 UJ	410.00 U	75.00 J	38.00 J	89.00 J	500.00 J	500.00	330.00 J	350.00 J	400.00 U	21.00 J
Indeno(1,2,3-cd)pyrene	10,000	UG/KG	390.00 UJ	380.00	13.00 J	350.00 UJ	20.00 J	230.00 J	31.00 J	77.00 J	2,200.00 UJ	54.00 J	98.00 J	2,900.00 J	46.00 J	52.00 J
Naphthalene	50,000	UG/KG	390.00 UJ	390.00 UJ	390.00 U	350.00 UJ	410.00 U	36.00 J								

Table 3A
Former Roblin Steel Site SIR
Surface Soil Samples

PARAMETER	REGULATORY VALUE (1)	UNITS	RSS-SS01-S-O	RSS-SS02-S-O	RSS-SS03-S-O	RSS-SS04-S-O	RSS-SS05-S-O	RSS-SS06-S-O	RSS-SS07-S-O	RSS-SS08-S-O	RSS-SS09-S-O	RSS-SS10-S-O	RSS-SS11-S-O	RSS-SS12-S-O
TAL - Metals (ppm)														
Aluminum (2)	10,800	MG/KG	15,600.00 J	8,150.00 J	18,600.00 J	9,040.00 J	22,400.00 J	13,300.00 J	12,100.00 J	3,020.00 J	9,400.00 J	24,400.00 J	23,200.00 J	16,600.00 J
Antimony (2)	0.94	MG/KG	8.00 J	8.70 J	10.30 J	27.30 J	5.80 JB	4.90 JB	8.90 J	12.80 J	3.40 JB	5.60 JB	3.00 JB	5.10 JB
Arsenic (2)	12.70	MG/KG	11.70	18.60	16.90	28.00	8.90	13.90	14.10	3.40	16.70	10.90	11.90	18.80
Barium	300	MG/KG	159.00 J	195.00 J	281.00 J	481.00 J	588.00 J	570.00 J	323.00 J	112.00 J	192.00 J	245.00 J	288.00 J	287.00 J
Beryllium (2)	0.56	MG/KG	3.10	1.30	3.60	1.20	4.10	1.50	1.90	0.23 B	0.67 J	4.80	4.90	3.30
Cadmium	1.00	MG/KG	3.70 J	2.90 J	6.00 J	118.00 J	12.80 J	7.40 J	4.50	3.40 J	7.40 J	2.50	2.30	20.40
Calcium (2)	3,000	MG/KG	97,000.00 J	39,300.00 J	129,000.00 J	74,500.00 J	153,000.00 J	91,400.00 J	92,100.00 J	6,690.00 J	41,400.00 J	157,000.00 J	156,000.00 J	121,000.00 J
Chromium (2)	29.40	MG/KG	327.00 J	355.00 J	403.00 J	966.00 J	114.00 J	182.00 J	417.00 J	116.00 J	135.00 J	212.00 J	169.00 J	319.00 J
Cobalt	30.00	MG/KG	12.30 J	15.00 J	16.70 J	12.00 J	6.10 J	9.20 J	10.00 J	3.20 JB	14.50 J	9.00 J	5.70 J	8.60 J
Copper	25.00	MG/KG	214.00 J	425.00 J	273.00 J	717.00 J	287.00 J	180.00 J	240.00 J	50.90 J	133.00 J	79.20 J	97.10 J	190.00 J
Cyanide (3)	-	MG/KG	0.50 U	0.55	1.00	5.20	1.30	1.90	1.10	0.50 U	0.82	0.50 U	0.50 U	0.50 U
Iron (2)	26,300	MG/KG	177,000.00 J	180,000.00 J	162,000.00 J	274,000.00 J	44,900.00 J	76,700.00 J	121,000.00 J	25,000.00 J	65,800.00 J	41,400.00 J	83,100.00 J	150,000.00 J
Lead (2)	188	MG/KG	115.00 J	321.00 J	907.00 J	5,940.00 J	528.00 J	557.00 J	306.00 J	723.00 J	299.00 J	214.00 J	131.00 J	805.00 J
Magnesium (2)	2,890	MG/KG	21,500.00 J	11,000.00 J	32,700.00 J	27,300.00 J	30,900.00 J	17,000.00 J	15,600.00 J	2,560.00 J	12,700.00 J	30,600.00 J	33,000.00 J	29,300.00 J
Manganese (2)	430	MG/KG	3,760.00 J	4,050.00 J	3,720.00 J	33,500.00 J	3,900.00 J	3,920.00 J	5,040.00 J	1,480.00 J	2,040.00 J	2,950.00 J	3,920.00 J	9,020.00 J
Mercury	0.10	MG/KG	0.06	0.20	2.40	1.20	0.57	0.63	0.25	0.20	0.06	0.25	0.17	0.86
Nickel (2)	27.30	MG/KG	177.00 J	258.00 J	163.00 J	191.00 J	350.00 J	104.00 J	206.00 J	66.60 J	123.00 J	116.00 J	76.70 J	91.80 J
Potassium (2)	1,100	MG/KG	1,210.00 J	582.00 JB	1,290.00 J	397.00 JB	1,630.00 J	1,430.00 J	1,050.00 J	333.00 JB	2,180.00 J	1,940.00 J	1,610.00 J	1,140.00 J
Selenium	2.00	MG/KG	2.30	3.80	3.60	6.10	2.10	2.00	3.70	1.80	4.10	2.80	2.65	3.10
Silver (2)	0.14	MG/KG	0.59 B	1.80	0.71 B	15.50	0.73 B	1.10	0.61 B	0.74 B	0.92 B	0.31 B	0.48 B	3.30
Sodium (2)	111	MG/KG	660.00	276.00 B	718.00	5,620.00	975.00	723.00	489.00 B	348.00 B	1,280.00	778.00	865.00	1,990.00
Thallium (2)	1.00	MG/KG	0.41 U	0.46 U	0.46 U	0.43 U	0.45 U	0.43 U	0.40 U	0.40 U	0.40 U	0.42 U	0.37 U	0.37 U
Zinc (2)	150	MG/KG	14.80 J	14.10 J	18.00 J	42.10 J	19.40 J	35.90 J	45.10 J	9.20 J	17.90 J	20.80 J	14.60 J	22.00 J
Leachable pH	274	MG/KG	1,650.00 J	1,490.00 J	1,830.00 J	154,000.00 J	5,310.00 J	6,770.00 J	3,140.00 J	1,690.00 J	8,880.00 J	1,640.00 J	2,540.00 J	26,800.00 J
		S.U.	8.37	7.88	8.08	8.50	8.05	8.43	8.10	7.88	8.54	8.77		
Semi-Volatiles (ppb)														
2-Methylnaphthalene	36,400	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130.00 J	1,700.00 UJ
Acenaphthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	860.00 J	350.00 J
Acenaphthylene	41,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.00 J	6,900.00 UJ
Anthracene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,100.00 J	700.00 J
Benzol(a)anthracene	224	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,600.00 J	3,200.00 J
Benzol(a)pyrene	61	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,400.00 J	3,200.00 J
Benzol(b)fluoranthene	1,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,800.00 J	3,900.00 J
Benzol(ghi)perylene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,700.00 J	1,400.00 J
Benzol(k)fluoranthene	1,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,400.00 J	2,600.00 J
Benzol(k)fluoranthene	1,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,400.00 J	2,600.00 J
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,300.00 UJ	1,700.00 UJ
Butyl Benzyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7,300.00 J	37,000.00 D
Carbazole	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	970.00 J	530.00 J
Chrysene	400	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,900.00 J	3,600.00 J
Dibenzo(a,h)anthracene	14	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,900.00 J	910.00 J
Dibenzofuran	6,200	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	400.00 J	150.00 J

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 3A
Former Roblin Steel Site SIR
Surface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS01-S-O	RSS-SS02-S-O	RSS-SS03-S-O	RSS-SS04-S-O	RSS-SS05-S-O	RSS-SS06-S-O	RSS-SS07-S-O	RSS-SS08-S-O	RSS-SS09-S-O	RSS-SS10-S-O	RSS-SS11-S-O	RSS-SS12-S-O
Semi-Volatiles (ppb) continued														
Diethyl phthalate	7,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ
Dimethyl phthalate	2,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ
Di-n-butyl phthalate	8,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ
Di-n-octyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,000.00 UJ	7,000.00 UJ
Fluorene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	670.00 J	250.00 J
Indenof 1,2,3-cdpyrene	3,200	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,600.00 J	1,800.00 J
Naphthalene	13,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	480.00 J	130.00 J
Phenanthrene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8,000.00 J	3,900.00 J
Pyrene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9,000.00 J	4,800.00 J
Total SVOCs (ppb)	500,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82,299	75,420
Pesticides / PCBs (ppb)														
4,4'-DDD	2,900	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.00 U	34.00 U
4,4'-DDE	2,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.00 U	34.00 U
4,4'-DDT	2,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.00 U	43.00
Aldrin	41	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
alpha-BHC	110	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
alpha-Chlordane	540	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
Aroclor 1016	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U
Aroclor 1221	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	680.00 U	690.00 U
Aroclor 1232	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U
Aroclor 1242	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U
Aroclor 1248	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U
Aroclor 1254	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U
Aroclor 1260	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U
beta-BHC	200	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
delta-BHC	300	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
dieldrin	44	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.00 R	84.00 R
Endosulfan I	900	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
Endosulfan II	900	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
Endosulfan Sulfate	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.00 UJ	34.00 UJ
Endrin aldehyde	100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.00 R	34.00 R
Endrin ketone	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.00 R	84.00 R
gamma-BHC (Lindane)	60	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.00 U	34.00 U
gamma-Chlordane	540	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
Hepachlor	100	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
Hepachlor epoxide	20	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00 U	18.00 U
Methoxychlor	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.00 R	420.00 R
Toxaphene	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,700.00 U	1,800.00 U
Leachable pH	-	S.U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.52	8.35
Total Pesticides (ppb)	10,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	43.00

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 3A
Former Robin Steel Site SIR
Surface Soil Samples

PARAMETER	REGULATORY VALUE (1)	UNITS	RSS-SS13-S-O	RSS-SS14-S-O	RSS-SS15-S-O	RSS-SS16-S-O	RSS-SS17-S-O	RSS-SS18-S-O	RSS-SS19-S-O	RSS-SS20-S-O	RSS-SS21-S-O-215MRD	RSS-SS22-S-O-449SRRD	RSS-SSXX-RB
TAL - Metals (ppm)													
Aluminum (2)	10,800	MG/KG	3,760.00 J	6,360.00 J	9,030.00 J	10,500.00 J	7,980.00 J	10,300.00 J	19,700.00 J	11,900.00 J	10,900.00 J	9,470.00 J	32.50 U
Antimony (2)	0.94	MG/KG	10.80 J	0.81 JB	9.10 J	8.60 J	6.80 J	6.40 J	5.90 JB	4.80 JB	0.74 JB	0.94 JB	5.40 U
Arsenic (2)	12.70	MG/KG	23.80	9.50	20.50	17.70	16.30	16.20	7.30 J	13.90 J	1.270 J	1.20 J	4.00 U
Barium	300	MG/KG	116.00 J	75.20 J	208.00 J	506.00 J	612.00 J	798.00 J	214.00 J	303.00 J	68.90 J	126.00 J	0.90 B
Beryllium (2)	0.56	MG/KG	0.61	0.34 B	1.70	1.50	0.72	0.79	3.50 J	1.60 J	0.44 JB	0.56 JB	0.68 B
Cadmium	1.00	MG/KG	5.30 J	1.20	71.80 J	7.10 J	10.50 J	3.40 J	1.80	2.20	0.47 B	0.67	0.30 U
Calcium (2)	3,000	MG/KG	20,100.00 J	2,460.00 J	59,000.00 J	75,200.00 J	55,100.00 J	30,800.00 J	131,000.00 J	65,800.00 J	3,000.00 J	2,690.00 J	39.40 U
Chromium (2)	29.40	MG/KG	812.00 J	52.40 J	411.00 J	569.00 J	474.00 J	439.00 J	431.00 J	265.00 J	14.60 J	29.40 J	0.60 U
Cobalt	30.00	MG/KG	25.60 J	7.10 J	9.00 J	14.70 J	19.10 J	16.00 J	6.00 B	11.30 J	4.30 JB	9.20 J	0.50 U
Copper	25.00	MG/KG	366.00 J	47.30 J	392.00 J	353.00 J	354.00 J	264.00 J	91.30 J	121.00 J	24.40 J	56.00 J	0.60 U
Cyanide (3)	-	MG/KG	0.50 U	0.50 U	1.00 J	1.10 J	0.85 J	1.20 J	0.50 U	0.50 U	0.50 U	0.50 U	0.01 U
Iron (2)	26,300	MG/KG	272,000.00 J	40,300.00 J	137,000.00 J	188,000.00 J	214,000.00 J	149,000.00 J	34,200.00 J	91,000.00 J	19,700.00 J	26,300.00 J	13.90 U
Lead (2)	188	MG/KG	186.00 J	91.60 J	2,950.00 J	523.00 J	413.00 J	549.00 J	112.00 J	168.00 J	127.00 J	188.00 J	2.30 U
Magnesium (2)	2,890	MG/KG	5,570.00 J	2,540.00 J	17,100.00 J	20,500.00 J	15,100.00 J	11,700.00 J	24,800.00 J	12,500.00 J	1,330.00 J	2,890.00 J	10.90 U
Manganese (2)	430	MG/KG	4,400.00 J	935.00 J	14,100.00 J	6,270.00 J	6,160.00 J	6,770.00 J	5,260.00 J	3,540.00 J	176.00 J	443.00 J	0.10 U
Mercury	0.10	MG/KG	0.07	0.09	0.84	0.55	1.10	0.33	0.10	0.43	0.12	0.96	0.07 U
Nickel (2)	27.30	MG/KG	482.00 J	38.70 J	126.00 J	232.00 J	283.00 J	298.00 J	162.00 J	134.00 J	16.50 J	27.30 J	1.00 U
Potassium (2)	1,100	MG/KG	263.00 JB	798.00 J	733.00 J	928.00 J	921.00 J	768.00 J	1,730.00 J	1,290.00 J	479.00 JB	1,100.00 J	42.80 B
Selenium	2.00	MG/KG	2.00	1.70	6.90	3.80	3.70	4.30	2.90	3.30	1.40	1.30	4.00 U
Silver (2)	0.14	MG/KG	1.20	0.20 B	11.20	1.50	1.80	2.80	0.41 B	0.53 B	0.10 U	0.14 B	0.50 U
Sodium (2)	111	MG/KG	385.00 B	109.00 B	5,970.00	707.00	844.00	300.00 B	638.00 J	345.00 JB	111.00 JB	88.70 JB	258.00 U
Thallium (2)	1.00	MG/KG	0.36 U	0.40 U	0.40 U	0.37 U	0.36 U	0.39 U	0.44 U	0.44 U	1.00 B	0.42 U	3.90 U
Vanadium (2)	150	MG/KG	21.20 J	12.90 J	16.90 J	43.80 J	33.70 J	30.60 J	28.30 J	41.20 J	22.30 J	18.10 J	0.70 U
Zinc (2)	274	MG/KG	4,730.00 J	1,090.00 J	110,000.00 J	5,150.00 J	8,690.00 J	2,490.00 J	1,430.00 J	1,630.00 J	183.00 J	274.00 J	4.10 U
Leachable pH	-	S.U.											
Semi-Volatiles (ppb)													
2-Methylnaphthalene	36,400	UG/KG	320.00 UJ	1,700.00 UJ	380.00 J	33,000.00 UJ	11,000.00 J	45.00 J	2,000.00 U	57.00 J	88.00 J	24.00 J	9.00 U
Acenaphthene	50,000	UG/KG	32.00 J	1,700.00 UJ	1,700.00 J	8,400.00 J	34,000.00 J	49.00 J	180.00 J	97.00 J	380.00 U	10.00 J	9.00 U
Acenaphthylene	41,000	UG/KG	16.00 J	1,700.00 UJ	1,300.00 J	33,000.00 UJ	950.00 J	250.00 J	74.00 J	260.00 J	50.00 J	25.00 J	9.00 U
Anthracene	50,000	UG/KG	87.00 J	1,700.00 UJ	4,300.00 J	20,000.00 J	59,000.00 J	260.00 J	550.00 J	380.00 J	48.00 J	50.00 J	9.00 U
Benz(a)anthracene	224	UG/KG	390.00 J	240.00 J	11,000.00 J	58,000.00 J	140,000.00 DJ	1,400.00 J	2,600.00	1,900.00 J	250.00 J	280.00 J	9.00 U
Benz(a)pyrene	61	UG/KG	380.00 J	230.00 J	9,700.00 J	53,000.00 J	98,000.00 J	1,300.00 J	2,500.00	2,300.00	320.00 J	330.00 J	9.00 U
Benz(b)fluoranthene	1,100	UG/KG	560.00 J	640.00 J	12,000.00 J	67,000.00 J	92,000.00 DJ	3,400.00 J	2,400.00	2,500.00	460.00	430.00	9.00 U
Benz(ghi)perylene	50,000	UG/KG	98.00 J	140.00 J	3,200.00 J	19,000.00 J	24,000.00 J	690.00 J	1,800.00 J	1,600.00 J	180.00 J	160.00 J	9.00 U
Benzok(fluoranthene	1,100	UG/KG	390.00 J	1,700.00 UJ	6,500.00 J	36,000.00 J	40,000.00 J	1,700.00 UJ	2,500.00	1,800.00 J	280.00 J	260.00 J	9.00 U
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U	380.00 U	12.00 J	0.60 BU
Butyl benzyl phthalate	50,000	UG/KG	16.00 J	1,700.00 UJ	2,200.00 J	8,800.00 J	33,000.00 UJ	49.00 J	2,000.00 U	160.00 J	37.00 J	42.00 J	9.00 U
Chrysene	400	UG/KG	430.00 J	390.00 J	11,000.00 J	63,000.00 J	130,000.00 DJ	1,700.00 J	3,000.00	2,100.00	340.00 J	380.00	9.00 U
Dibenzo(a,h)anthracene	14	UG/KG	83.00 J	49.00 J	960.00 J	13,000.00 J	20,000.00 J	420.00 J	890.00 J	720.00 J	80.00 J	73.00 J	9.00 U
Dibenzofuran	6,200	UG/KG	16.00 J	1,700.00 UJ	1,200.00 J	3,800.00 J	27,000.00 J	1,700.00 UJ	81.00 J	62.00 J	38.00 J	14.00 J	9.00 U

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 3A
Former Robin Steel Site SIR
Surface Soil Samples

PARAMETER	REGULATORY VALUE (1)	UNITS	RSS-SS13-S-O	RSS-SS14-S-O	RSS-SS15-S-O	RSS-SS16-S-O	RSS-SS17-S-O	RSS-SS18-S-O	RSS-SS19-S-O	RSS-SS20-S-O	RSS-SS21-S-O-215MRD	RSS-SS22-S-O-449SRRD	RSS-SSXX-RB
Semi-Volatiles (ppb) continued													
Diethyl phthalate	7,100	UG/KG	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U	380.00 U	380.00 U	0.40 J
Dimethyl phthalate	2,000	UG/KG	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U	380.00 U	380.00 U	9.00 U
Di-n-butyl phthalate	8,100	UG/KG	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	480.00 J	1,700.00 UJ	2,000.00 U	2,000.00 U	380.00 U	380.00 U	0.50 J
Di-n-octyl phthalate	50,000	UG/KG	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U	380.00 U	380.00 U	9.00 U
Fluorene	50,000	UG/KG	950.00 J	610.00 J	24,000.00 J	130,000.00 J	340,000.00 DJ	2,900.00 J	6,500.00	4,100.00	630.00	800.00	9.00 U
Indeno(1,2,3-cd)pyrene	50,000	UG/KG	25.00 J	1,700.00 UJ	1,700.00 J	7,100.00 J	40,000.00 J	58.00 J	160.00 J	96.00 J	15.00 J	21.00 J	9.00 U
Naphthalene	13,000	UG/KG	180.00 J	150.00 J	4,100.00 J	24,000.00 J	34,000.00 J	700.00 J	1,900.00 J	1,600.00 J	180.00 J	160.00 J	9.00 U
Phenanthrene	50,000	UG/KG	12.00 J	1,700.00 UJ	1,100.00 J	2,500.00 J	20,000.00 J	84.00 J	56.00 J	56.00 J	54.00 J	15.00 J	9.00 U
Pyrene	50,000	UG/KG	410.00 J	280.00 J	16,000.00 J	80,000.00 J	280,000.00 DJ	1,200.00 J	3,200.00	1,900.00 J	350.00 J	410.00	9.00 U
Total SVOCs (ppb)	500,000	UG/KG	560.00 J	450.00 J	16,000.00 J	84,000.00 J	250,000.00 DJ	1,900.00 J	5,100.00	3,300.00	450.00	560.00	9.00 U
Pesticides / PCBs (ppb)	500,000	UG/KG	4,695	3,179	127,170	677,600	1,677,430	16,498	33,801	24,988	3,850	4,056	
4,4'-DDD	2,900	UG/KG	33.00 U	3.50 U	3.50 U	40.00	33.00 U	10.00 U	20.00 UJ	3.90 R	NA	NA	0.10 U
4,4'-DDE	2,100	UG/KG	33.00 U	2.00 J	3.00 J	9.00 J	33.00 U	6.50 J	20.00 UJ	9.70 J	NA	NA	0.10 U
4,4'-DDT	2,100	UG/KG	33.00 U	5.40	15.00	47.00	33.00 U	34.00 J	20.00 UJ	33.00 J	NA	NA	0.10 U
Aldrin	41	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
alpha-BHC	110	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.40	NA	NA	0.05 U
alpha-Chlordane	540	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.40	NA	NA	0.05 U
Aroclor 1016	1,000	UG/KG	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R	NA	NA	0.96 U
Aroclor 1221	1,000	UG/KG	670.00 U	70.00 U	71.00 U	270.00 U	680.00 U	69.00 U	410.00 UJ	78.00 R	NA	NA	1.90 U
Aroclor 1232	1,000	UG/KG	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R	NA	NA	0.96 U
Aroclor 1242	1,000	UG/KG	330.00 U	35.00 U	35.00 U	130.00 J	330.00 U	34.00 U	200.00 UJ	39.00 R	NA	NA	0.96 U
Aroclor 1254	1,000	UG/KG	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R	NA	NA	0.96 U
Aroclor 1260	1,000	UG/KG	330.00 U	35.00 U	97.00	320.00	330.00 U	140.00	200.00 UJ	39.00 R	NA	NA	0.96 U
beta-BHC	200	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
delta-BHC	300	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
Dieldrin	44	UG/KG	33.00 R	3.50 R	2.80 R	11.00 R	33.00 R	2.30 R	20.00 R	5.20 R	NA	NA	0.10 U
Endosulfan I	900	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
Endosulfan II	900	UG/KG	33.00 UJ	3.50 UJ	3.50 UJ	13.00 UJ	33.00 UJ	2.00 J	20.00 UJ	3.90 R	NA	NA	0.10 U
Endosulfan Sulfate	1,000	UG/KG	33.00 U	3.50 U	3.50 U	13.00 U	33.00 U	3.40 U	20.00 UJ	3.90 R	NA	NA	0.10 U
Endrin	100	UG/KG	33.00 R	3.50 R	3.50 R	13.00 R	33.00 R	3.10 R	20.00 R	3.70 R	NA	NA	0.10 U
Endrin aldehyde	-	UG/KG	33.00 R	3.50 R	3.50 R	13.00 R	33.00 R	3.30 R	20.00 R	8.60 R	NA	NA	0.10 U
Endrin ketone	-	UG/KG	33.00 U	3.50 U	4.50 U	13.00 U	33.00 U	3.40 U	23.00 J	9.70 R	NA	NA	0.10 U
gamma-BHC (Lindane)	60	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
gamma-Chlordane	540	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
Heptachlor	100	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	1.80 U	10.00 UJ	2.00 R	NA	NA	0.05 U
Heptachlor epoxide	20	UG/KG	17.00 U	1.80 U	1.80 U	6.80 U	17.00 U	2.10 U	10.00 UJ	3.20 J	NA	NA	0.05 U
Methoxychlor	-	UG/KG	33.00 R	3.50 R	3.50 R	13.00 R	33.00 R	3.40 R	20.00 R	7.40 R	NA	NA	0.48 U
Toxaphene	-	UG/KG	1,700.00 U	180.00 U	180.00 U	680.00 U	1,700.00 U	180.00 U	1,000.00 UJ	200.00 R	NA	NA	4.80 U
Leachable pH	-	S/U	8.66	7.14	8.31	8.87	8.80	8.42	8.10	8.08	6.19	6.60	
Total Pesticides (ppb)	10,000	UG/KG	0	7.40	18.00	122.00	0	42.50	23.00	48.30	NA	NA	

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 3B
Former Robin Steel Site SIR
Surface Soil Samples

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-SS01-S-O	RSS-SS02-S-O	RSS-SS03-S-O	RSS-SS04-S-O	RSS-SS05-S-O	RSS-SS06-S-O	RSS-SS07-S-O	RSS-SS08-S-O	RSS-SS09-S-O	RSS-SS10-S-O	RSS-SS11-S-O	RSS-SS12-S-O	RSS-SS13-S-O	RSS-SS14-S-O	RSS-SS15-S-O	RSS-SS16-S-O	RSS-SS17-S-O	RSS-SS18-S-O	RSS-SS19-S-O	RSS-SS20-S-O
TAL - Metals (ppm)																						
Arsenic	50	MG/KG	11.70	18.60	16.90	28.00	8.90	13.90	14.10	3.40	16.70	10.90	11.90	18.80	23.80	9.50	20.50	17.70	16.30	16.20	7.30 J	13.90 J
Barium	1,000	MG/KG	159.00 J	195.00 J	281.00 J	481.00 J	588.00 J	570.00 J	323.00 J	112.00 J	192.00 J	245.00 J	288.00 J	287.00 J	116.00 J	75.20 J	208.00 J	506.00 J	612.00 J	798.00 J	214.00 J	303.00 J
Beryllium	5	MG/KG	3.10	1.30	3.80	1.20	4.10	1.50	1.90	0.23 B	0.67 J	4.80	4.90	3.30	0.61	0.34 B	1.70	1.50	0.72	0.79	3.50 J	1.60 J
Cadmium	20	MG/KG	3.70 J	2.90 J	6.00 J	118.00 J	12.80 J	7.40 J	4.50	3.40 J	7.40 J	2.50	2.30	20.40	5.30 J	1.20	71.80 J	7.10 J	10.50 J	3.40 J	1.80	2.20
Chromium	1,000	MG/KG	327.00 J	355.00 J	403.00 J	966.00 J	114.00 J	182.00 J	417.00 J	116.00 J	135.00 J	212.00 J	169.00 J	319.00 J	812.00 J	52.40 J	411.00 J	569.00 J	474.00 J	439.00 J	431.00 J	265.00 J
Copper	250	MG/KG	214.00 J	425.00 J	273.00 J	717.00 J	287.00 J	180.00 J	240.00 J	50.90 J	133.00 J	79.20 J	97.10 J	190.00 J	366.00 J	47.30 J	392.00 J	353.00 J	354.00 J	264.00 J	91.30 J	121.00 J
Lead	1,000	MG/KG	115.00 J	321.00 J	907.00 J	5,940.00 J	528.00 J	557.00 J	306.00 J	723.00 J	299.00 J	214.00 J	131.00 J	805.00 J	186.00 J	91.60 J	2,950.00 J	523.00 J	413.00 J	549.00 J	112.00 J	168.00 J
Selenium	50	MG/KG	2.30	3.80	3.80	6.10	2.10	2.00	3.70	1.80	4.10	2.80	2.60	3.10	2.00	1.70	6.90	3.80	3.70	4.30	2.90	3.30
Silver	10	MG/KG	0.59 B	1.80	0.71 B	15.50	0.73 B	1.10	0.61 B	0.74 B	0.92 B	0.31 B	0.48 B	3.30	1.20	0.20 B	11.20	1.50	1.80	2.80	0.41 B	0.53 B
Zinc	85,000	MG/KG	1,650.00 J	1,490.00 J	1,830.00 J	154,000.00 J	5,310.00 J	6,770.00 J	3,140.00 J	1,690.00 J	8,880.00 J	1,640.00 J	2,540.00 J	26,800.00 J	4,730.00 J	1,090.00 J	110,000.00 J	5,150.00 J	8,690.00 J	2,490.00 J	1,430.00 J	1,630.00 J
Semi-Volatiles (ppb)																						
2-Methylnaphthalene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130.00 J	1,700.00 UJ	320.00 UJ	1,700.00 UJ	380.00 J	33,000.00 UJ	11,000.00 J	45.00 J	2,000.00 U	57.00 J
Acenaphthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	860.00 J	350.00 J	32.00 J	1,700.00 UJ	1,700.00 J	8,400.00 J	34,000.00 J	49.00 J	180.00 J	97.00 J
Acenaphthylene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.00 J	6,900.00 UJ	16.00 J	1,700.00 UJ	130.00 J	33,000.00 UJ	950.00 J	250.00 J	74.00 J	260.00 J
Anthracene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,100.00 J	700.00 J	87.00 J	1,700.00 UJ	4,300.00 J	20,000.00 J	59,000.00 J	260.00 J	550.00 J	380.00 J
Benz(a)anthracene	10,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,600.00 J	3,200.00 J	390.00 J	240.00 J	11,000.00 J	58,000.00 J	140,000.00 DJ	1,400.00 J	2,600.00	1,900.00 J
Benz(b)fluoranthene	10,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,400.00 J	3,200.00 J	380.00 J	230.00 J	9,700.00 J	53,000.00 J	96,000.00 J	1,300.00 J	2,500.00	2,300.00
Benz(k)fluoranthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,700.00 J	1,400.00 J	98.00 J	1,400.00 J	3,200.00 J	19,000.00 J	24,000.00 J	690.00 J	1,800.00 J	1,600.00 J
Benz(a)pyrene	10,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,400.00 J	2,800.00 J	390.00 J	1,700.00 UJ	6,500.00 J	40,000.00 J	40,000.00 J	1,700.00 UJ	2,500.00	1,800.00 J
Benzofluoranthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,300.00 UJ	1,700.00 UJ	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7,300.00 J	37,000.00 D	16.00 J	1,700.00 UJ	3,400.00 UJ	8,800.00 J	37,000.00 J	49.00 J	310.00 J	160.00 J
Butyl benzyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	970.00 J	530.00 J	60.00 J	1,700.00 UJ	2,200.00 J	3,800.00 J	37,000.00 J	93.00 J	2,000.00 U	160.00 J
Carbazole	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,900.00 J	3,600.00 J	430.00 J	390.00 J	11,000.00 J	63,000.00 J	20,000.00 J	420.00 J	890.00 J	720.00 J
Chrysene	10,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,900.00 J	910.00 J	83.00 J	49.00 J	960.00 J	13,000.00 J	20,000.00 J	1,700.00 UJ	3,000.00	2,100.00
Dibenz(a,h)anthracene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	400.00 J	150.00 J	16.00 J	1,700.00 UJ	1,200.00 J	3,800.00 J	27,000.00 J	1,700.00 UJ	81.00 J	62.00 J
Dibenzofuran	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U
Diethyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	480.00 J	1,700.00 UJ	2,000.00 U	2,000.00 U
Dimethyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U
Dih-n-butyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400.00 UJ	1,700.00 UJ	320.00 UJ	1,700.00 UJ	3,400.00 UJ	33,000.00 UJ	13,000.00 UJ	1,700.00 UJ	2,000.00 U	2,000.00 U
Dih-n-octyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,000.00 J	7,000.00 J	950.00 J	610.00 J	24,000.00 J	130,000.00 J	340,000.00 DJ	2,900.00 J	6,500.00	4,100.00
Fluoranthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	670.00 J	250.00 J	25.00 J	1,700.00 UJ	1,700.00 J	7,100.00 J	40,000.00 J	58.00 J	160.00 J	96.00 J
Fluorene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,600.00 J	1,800.00 J	180.00 J	150.00 J	4,100.00 J	24,000.00 J	34,000.00 J	700.00 J	1,900.00 J	1,600.00 J
Indeno(1,2,3-cd)pyrene	10,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	480.00 J	130.00 J	12.00 J	1,700.00 UJ	1,100.00 J	2,500.00 J	20,000.00 J	84.00 J	56.00 J	56.00 J
Naphthalene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8,000.00 J	3,900.00 J	410.00 J	280.00 J	16,000.00 J	80,000.00 J	280,000.00 DJ	1,200.00 J	3,200.00	1,900.00 J
Phenanthrene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9,000.00 J	4,800.00 J	560.00 J	450.00 J	16,000.00 J	84,000.00 J	250,000.00 DJ	1,900.00 J	5,100.00	3,300.00
Pyrene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82,299	75,420	4,695	3,179	127,170	672,500	1,677,430	16,498	33,801	24,988
Total SVOCs (ppb)	500,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,051	5,030	580	382	13,446	81,323	145,130	2,272	4,108	3,640
Total PAHs (ppb)																						
PCBs (ppb)																						
Aroclor 1016	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R
Aroclor 1221	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	680.00 U	690.00 U	670.00 U	70.00 U	71.00 U	270.00 U	680.00 U	69.00 U	410.00 UJ	78.00 R
Aroclor 1232	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R
Aroclor 1242	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R
Aroclor 1248	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U	330.00 U	35.00 U	130.00 PJ	310.00 PJ	330.00 U	34.00 U	200.00 UJ	39.00 R
Aroclor 1254	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U	330.00 U	35.00 U	35.00 U	130.00 U	330.00 U	34.00 U	200.00 UJ	39.00 R
Aroclor 1260	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.00 U	340.00 U	330.00 U	35.00 U	97.00	320.00	330.00 U	140.00	200.00 UJ	39.00 R

(1) Source is Site Specific Cleanup Levels (SSCLs)
NA = Parameter not analyzed

Table 4
Former Roblin Steel Site SIR
Groundwater Samples

PARAMETER	REGULATORY VALUE (1)	UNITS	RSS-MW01-IF-GW-D	RSS-MW01-IF-GW-O	RSS-MW02-IF-GW-D	RSS-MW04-IF-GW-D	RSS-MW06-IF-GW-D	RSS-MW07-IF-GW-D	RSS-MW08-IF-GW-D	RSS-MW09-IF-GW-D	RSS-MW11-IF-GW-D	RSS-MW12-IF-GW-D	RSS-MW12-IF-GW-O	EX-MW19-IF-GW-D	EX-MW10-IF-GW-D	EX-MW11-IF-GW-D	RSS-MWXX-GW-FD	EX-MW12-F-GW-D	RSS-MW03-RK-GW-D	RSS-MW03-RK-GW-O	RSS-MW05-RK-GW-D	RSS-MWXX-RK-GW-O	
Aluminum	100	UGL	32.50 U	32.50 U	32.50 U	751.00	88.30 B	33.00 B	201.00	5.40 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U	32.50 U
Antimony	3	UGL	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U	5.40 U
Arsenic	25	UGL	6.80 B	4.00 U	18.30	11.80	9.20 B	11.80	11.80	8.50 B	8.50 B	13.80	18.00 J	18.00 J	23.20	16.00	16.00	13.00 J	13.00 J	13.00 J	13.00 J	13.00 J	13.00 J
Beryllium (3)	1,000	UGL	197.00 B	192.00 B	121.00 B	122.00 B	47.20 B	187.00 B	57.30 B	126.00 B	66.10 B	202.00	202.00	202.00	196.00 B	331.00	318.00	350.00	308.00	308.00	308.00	338.00	8.60 B
Bismuth	1,100	UGL	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Cadmium	5	UGL	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U
Cesium	48,900.00	UGL	48,900.00	52,900.00	101,000.00	140,000.00	27,000.00	186,000.00	51,100.00	130,000.00	118,000.00	166,000.00	172,000.00	82,700.00	116,000.00	124,000.00	124,000.00	81,900.00	36,500.00 J	36,500.00 J	32,900.00	32,900.00	151.00 B
Chromium	50	UGL	0.60 U	0.60 U	0.60 U	1.20 B	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.65 B	0.60 U	0.60 U	0.60 U	0.60 U	0.92 B	0.92 B	0.92 B	0.92 B	0.60 U
Cobalt	NA	UGL	0.60 U	0.60 U	0.60 U	2.80 B	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
Copper	200	UGL	0.60 U	0.60 U	0.60 U	2.80 B	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
Cyanide	300	UGL	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Iron	25	UGL	2.30 U	2.30 U	2.30 U	4.20	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U	2.30 U
Lead	35,000	UGL	20,400.00	22,300.00	66,500.00	43,700.00	3,120.00 B	66,900.00	3,120.00 B	2,140.00 B	37,600.00	53,400.00	56,000.00	17,500.00	32,600.00	42,600.00	42,600.00	42,600.00	42,600.00	42,600.00	42,600.00	42,600.00	42,600.00
Magnesium (2)	300	UGL	194.00	22,300.00	66,500.00	719.00	148.00	261.00	234.00	27,300.00	37,600.00	704.00	761.00	451.00	204.00	701.00	711.00	704.00	704.00	704.00	704.00	704.00	704.00
Mercury	0.7	UGL	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Nickel	100	UGL	1.00 U	1.00 U	2.00 B	8.40 B	1.20 B	14.000.00	5.00 B	8.050.00 N	11,400.00 N	20,500.00 J	17,700.00	6,140.00 N	5,030.00 N	4,750.00	4,780.00 BN	7.70	11.80	11.20 UJ	3,880.00 B	3,880.00 B	3,880.00 B
Potassium	10	UGL	4,020.00 B	4,560.00 B	20,200.00	17.90	9.20	14.90	4.00 U	7.70	4.00 U	15.40 J	4.00 U	5.90	17.60	10.80	7.70	11.80	11.80	11.20 UJ	4,000.00 B	4,000.00 B	4,000.00 B
Selenium	50	UGL	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Silver	20,000	UGL	54,900.00	55,100.00	83,700.00	94,200.00	39,300.00	75,900.00	36,400.00	17,500.00	41,000.00	34,700.00 J	29,000.00	33,100.00	43,000.00	77,200.00	78,300.00	169,000.00	470,000.00 J	180,000.00 J	640,000.00	150,000.00	
Sodium	0.5	UGL	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U	3.90 U
Thallium (2)	2,000	UGL	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U
Vanadium	2,000	UGL	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U
Zinc (2)	2,000	UGL	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U	4.10 U
Volatiles (ppb)																							
1,1,1-Trichloroethane	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
1,1,2-Trichloroethane	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
1,1,2-Trichloroethane	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
1,1-Dichloroethane	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
1,2-Dichloroethane	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
1,2-Dichloroethane (Total)	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
1,2-Dichloropropane	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-Butanone	50	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-Hexanone	50	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
4-Methyl-2-pentanone	50	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Acetone	1	UGL	1.00 J	NA	18.00	6.00 U	7.20	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Bromodichloroethane	50	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Bromoforn	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Bromoethane	50	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Carbon Disulfide	60	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Carbon Tetrachloride	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Chlorobenzene	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Chloroethane	7	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	50.00 U	10.00 U	10,000.00 U	10,000.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Chloroform	5	UGL	10.00 U	NA	10.00 U	10.00 U	10.00 U																

**Table 5
Former Roblin Steel Site SIR
Surface Water Samples**

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-HC01-SW-O	RSS-HC02-SW-O
TAL - Metals (ppb)				
Aluminum	100	UG/L	32.50 U	32.50 U
Antimony	3	UG/L	7.40 B	5.40 U
Arsenic	50	UG/L	4.70 B	4.90 B
Barium	1,000	UG/L	131.00 B	133.00 B
Beryllium (3)	3	UG/L	0.20 U	0.20 U
Cadmium	5	UG/L	0.30 U	0.30 U
Calcium	-	UG/L	66,000.00	66,600.00
Chromium	50	UG/L	0.60 U	0.60 U
Cobalt	5.00	UG/L	0.50 U	0.50 U
Copper	200	UG/L	2.10 B	1.80 B
Cyanide	200.0	MG/L	0.01 UJ	0.01 UJ
Iron	300	UG/L	355.00	395.00
Lead	50	UG/L	2.30 U	2.30 U
Magnesium (2)	35,000	UG/L	15,500.00	15,700.00
Manganese	300	UG/L	81.10	81.90
Mercury	0.7	UG/L	0.04 U	0.04 U
Nickel	100	UG/L	2.20 B	1.80 B
Potassium	-	UG/L	8,530.00	8,620.00
Selenium	10	UG/L	4.00 U	4.00 U
Silver	50	UG/L	0.60 B	0.50 U
Sodium	20,000	UG/L	59,400.00	59,400.00
Thallium (2)	0.5	UG/L	3.90 U	3.90 U
Vanadium	-	UG/L	0.70 U	0.70 U
Zinc (2)	2,000	UG/L	4.10 U	4.10 U

(1) Source is NYS Ambient Water Quality Standards (TOGS 1.1.1) (June 1998).

(2) NYS Guidance Value used where no Groundwater Standard is available.

Table 6A
Former Roblin Steel Site SIR
Sediment Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-HC01-SED-0	RSS-HC02-SED-0
TAL - Metals (ppm)				
Aluminum (2)	10,800	MG/KG	14,800.00 J	23,700.00 J
Antimony (2)	0.94	MG/KG	1.80 JB	2.70 JB
Arsenic (2)	12.70	MG/KG	13.60 J	7.70 J
Barium	300	MG/KG	94.80 J	106.00 J
Beryllium (2)	0.56	MG/KG	0.57 B	0.58 B
Cadmium	1.00	MG/KG	0.55 B	0.35 B
Calcium (2)	3,000	MG/KG	10,400.00 J	3,540.00 J
Chromium (2)	29.40	MG/KG	16.00 J	34.00 J
Cobalt	30.00	MG/KG	10.40 J	11.90 J
Copper	25.00	MG/KG	124.00 J	172.00 J
Cyanide (3)	-	MG/KG	0.50 U	5.00
Iron (2)	26,300	MG/KG	57,500.00 J	28,200.00 J
Lead (2)	188	MG/KG	47.90 J	40.80 J
Magnesium (2)	2,890	MG/KG	3,240.00 J	3,680.00 J
Manganese (2)	430	MG/KG	816.00 J	305.00 J
Mercury	0.10	MG/KG	0.01 NU	0.04 BN
Nickel (2)	27.30	MG/KG	27.10 J	45.10 J
Potassium (2)	1,100	MG/KG	947.00 J	1,330.00 J
Selenium	2.00	MG/KG	2.80	2.70
Silver (2)	0.14	MG/KG	0.14 B	0.13 U
Sodium (2)	111	MG/KG	114.00 B	121.00 B
Thallium (2)	1.00	MG/KG	0.42 U	0.51 U
Vanadium (2)	150	MG/KG	14.30 J	18.90 J
Zinc	274	MG/KG	233.00 J	341.00 J
Semi-Volatiles (ppb)				
2-Methylnaphthalene	36,400	UG/KG	26.00 J	470.00 U
Acenaphthene	50,000	UG/KG	170.00 J	470.00 U
Acenaphthylene	41,000	UG/KG	11.00 J	470.00 U
Anthracene	50,000	UG/KG	760.00	16.00 J
Benzo(a)anthracene	224	UG/KG	1,200.00	72.00 J
Benzo(a)pyrene	61	UG/KG	820.00	65.00 J
Benzo(b)fluoranthene	1,100	UG/KG	1,700.00	81.00 J
Benzo(ghi)perylene	50,000	UG/KG	220.00 J	40.00 J
Benzo(k)fluoranthene	1,100	UG/KG	400.00 U	45.00 J
Carbazole	-	UG/KG	430.00	470.00 U
Chrysene	400	UG/KG	1,400.00	81.00 J
Dibenzo(a,h)anthracene	14	UG/KG	200.00 J	15.00 J
Dibenzofuran	6,200	UG/KG	120.00 J	470.00 U
Fluoranthene	50,000	UG/KG	2,700.00	160.00 J
Fluorene	50,000	UG/KG	280.00 J	470.00 U
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	370.00 J	36.00 J
Naphthalene	13,000	UG/KG	12.00 J	470.00 U
Phenanthrene	50,000	UG/KG	3,200.00	72.00 J
Pyrene	50,000	UG/KG	2,400.00	130.00 J
Total SVOCs (ppb)	500,000	UG/KG	16,019	813
Pesticides / PCBs (ppb)				
4,4'-DDT	2,100	UG/KG	2.10 J	4.70 U
Dieldrin	44	UG/KG	4.00 R	4.70 R
Endrin	100	UG/KG	4.00 R	4.70 R
Endrin aldehyde	-	UG/KG	4.00 R	4.70 R
Methoxychlor	-	UG/KG	6.00 R	24.00 R
Leachable pH	-	S.U.	7.18	7.40
Total Pesticides (ppb)	10,000	UG/KG	2.10	0

(1) Source is NYSDEC TAGM (HWR-94-4046)

(2) Regulatory Value is Site Background

(3) Site specific form of Cyanide must be determined before cleanup objective is established

**Table 6B
Former Roblin Steel Site SIR
Sediment Samples**

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-HC01- SED-0	RSS-HC02- SED-0
TAL - Metals (ppm)				
Arsenic	50.00	MG/KG	13.60 J	7.70 J
Barium	1,000	MG/KG	94.80 J	106.00 J
Beryllium	5.00	MG/KG	0.57 B	0.58 B
Cadmium	20.00	MG/KG	0.55 B	0.35 B
Chromium	1,000.00	MG/KG	15.00 J	34.00 J
Copper	250.00	MG/KG	124.00 J	172.00 J
Lead	1,000	MG/KG	47.90 J	40.80 J
Selenium	50.00	MG/KG	2.80	2.70
Silver	10.00	MG/KG	0.14 B	0.13 U
Zinc	85,000	MG/KG	233.00 J	341.00 J
Semi-Volatiles (ppb)				
2-Methylnaphthalene	50,000	UG/KG	26.00 J	470.00 U
Acenaphthene	50,000	UG/KG	170.00 J	470.00 U
Acenaphthylene	50,000	UG/KG	11.00 J	470.00 U
Anthracene	50,000	UG/KG	760.00	16.00 J
Benzo(a)anthracene	10,000	UG/KG	1,200.00	72.00 J
Benzo(a)pyrene	10,000	UG/KG	820.00	65.00 J
Benzo(b)fluoranthene	10,000	UG/KG	1,700.00	81.00 J
Benzo(ghi)perylene	50,000	UG/KG	220.00 J	40.00 J
Benzo(k)fluoranthene	10,000	UG/KG	400.00 U	45.00 J
Carbazole	50,000	UG/KG	430.00	470.00 U
Chrysene	10,000	UG/KG	1,400.00	81.00 J
Dibenzo(a,h)anthracene	50,000	UG/KG	200.00 J	15.00 J
Dibenzofuran	50,000	UG/KG	120.00 J	470.00 U
Fluoranthene	50,000	UG/KG	2,700.00	160.00 J
Fluorene	50,000	UG/KG	280.00 J	470.00 U
Indeno(1,2,3-cd)pyrene	10,000	UG/KG	370.00 J	36.00 J
Naphthalene	50,000	UG/KG	12.00 J	470.00 U
Phenanthrene	50,000	UG/KG	3,200.00	72.00 J
Pyrene	50,000	UG/KG	2,400.00	130.00 J
Total SVOCs (ppb)	500,000	UG/KG	16,019	813
Total cPAHs (ppb)	10,000	UG/KG	1,348	99

(1) Source is Site Specific Cleanup Levels (SSCLs)
NA = Parameter not analyzed

**Table 7
Former Roblin Steel Site SIR
Concrete Surface Samples**

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS01-CC-O	RSS-SS02-CC-O	RSS-SS03-CC-O	RSS-SS04-CC-O
Aroclor 1260	5,000	UG/KG	18.00 U	51.00	270.00 J	26.00 J
Aroclor 1248	5,000	UG/KG	17.00 U	18.00 U	83.00 U	18.00 U
Aroclor 1242	5,000	UG/KG	17.00 U	18.00 U	83.00 U	33.00
Leachable pH	NA	S.U.	11.60	11.30	12.10	10.00

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS05-CC-O	RSS-SS06-CC-O	RSS-SS07-CC-O	RSS-SS08-CC-O
Aroclor 1260	5,000	UG/KG	100,000.00 J	1,100.00	18.00 J	37.00 J
Aroclor 1248	5,000	UG/KG	98,000.00 U	3,000.00	17.00 U	54.00 J
Aroclor 1242	5,000	UG/KG	1,000,000.00	910.00 U	93.00	18.00 U
Leachable pH	NA	S.U.	10.80	8.90	8.60	11.80

(1) Source is Toxic Substances Control Act (TSCA)

Table 8A
Former Roblin Steel Site SIR
Sump/Drain Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-OF01-SED-0	RSS-SMP01-SLD-0	RSS-SMP02-05-SLD-0	RSS-SMP06-SED-0	RSS-SMP07-08-SLD-0	RSS-SMP09-SED-0
TAL - Metals (ppm)								
Aluminum (2)	10,800	MG/KG	16,000.00 J	6,910.00 J	14,000.00 J	9,420.00 J	11,000.00 J	13,600.00 J
Antimony (2)	0.94	MG/KG	6.70 J	47.80 J	48.70 J	12.70 J	7.00 JB	11.50 J
Arsenic (2)	12.70	MG/KG	42.40 J	25.70 J	44.20 J	23.10 J	23.10 J	18.10 J
Barium	300	MG/KG	515.00 J	806.00 J	1,880.00 J	1,230.00 J	1,470.00 J	162.00 J
Beryllium (2)	0.56	MG/KG	0.73	0.64 JB	1.20 JB	0.87 J	0.94 JB	2.40 J
Cadmium	1.00	MG/KG	3.00	2.70 J	44.30 J	18.10 J	7.90 J	4.90 J
Calcium (2)	3,000	MG/KG	34,400.00 J	27,100.00 J	94,400.00 J	40,500.00 J	88,100.00 J	80,800.00 J
Chromium (2)	29.40	MG/KG	75.50 J	551.00 J	2,440.00 J	507.00 J	219.00 J	560.00 J
Cobalt	30.00	MG/KG	14.00 J	35.50 J	1,160.00 J	25.30 J	17.40 J	21.00 J
Copper	25.00	MG/KG	294.00 J	1,190.00 J	693.00 J	541.00 J	318.00 J	236.00 J
Cyanide (3)	-	MG/KG	2.00	2.90 J	7.30 J	2.50 J	5.80 J	0.53 J
Iron (2)	26,300	MG/KG	60,700.00 J	273,000.00 J	211,000.00 J	138,000.00 J	93,400.00 J	162,000.00 J
Lead (2)	188	MG/KG	91.20 J	2,770.00 J	3,480.00 J	18,300.00 J	584.00 J	213.00 J
Magnesium (2)	2,890	MG/KG	4,380.00 J	8,880.00 J	28,900.00 J	12,300.00 J	12,000.00 J	15,100.00 J
Manganese (2)	430	MG/KG	15,600.00 J	11,500.00 J	34,300.00 J	4,130.00 J	3,510.00 J	3,210.00 J
Mercury	0.10	MG/KG	0.01 UJ	2.50 J	2.00 J	0.30 J	0.29 J	0.93 J
Nickel (2)	27.30	MG/KG	174.00 J	526.00 J	6,290.00 J	252.00 J	220.00 J	405.00 J
Potassium (2)	1,100	MG/KG	876.00 J	978.00 JB	2,170.00 J	1,390.00 J	1,820.00 J	1,200.00 J
Selenium	2.00	MG/KG	7.60	7.70	17.60	3.50	3.70	6.20
Silver (2)	0.14	MG/KG	1.00 B	13.30	19.70	0.81 B	1.40 B	0.97 B
Sodium (2)	111	MG/KG	614.00 JB	371.00 JB	3,850.00 J	479.00 JB	651.00 JB	528.00 JB
Thallium (2)	1.00	MG/KG	0.50 U	0.97 U	1.10 U	0.51 U	0.78 U	0.50 U
Vanadium (2)	150	MG/KG	25.80 J	30.60 J	47.20 J	35.60 J	26.70 J	21.40 J
Zinc	274	MG/KG	4,510.00 J	3,250.00 J	87,100.00 J	5,410.00 J	9,380.00 J	5,780.00 J
Volatiles (ppb)								
1,1-Dichloroethane	200	UG/KG	14.00 U	880.00 J	28.00 U	13.00 U	20.00 U	12.00 U
1,1-Dichloroethene	400	UG/KG	14.00 U	2,900.00 U	28.00 U	13.00 U	12.00 J	12.00 U
1,2-Dichloroethene (Total)	300	UG/KG	14.00 U	3,700.00	160.00	13.00 U	15,000 D	2.00 J
Carbon Disulfide	2700	UG/KG	14.00 U	2,900.00 U	28.00 U	13.00 U	11.00 J	12.00 U
Trichloroethene	700	UG/KG	4.00 J	1,000.00 J	26.00 J	2.00 J	64.00	12.00 U
Vinyl chloride	200	UG/KG	14.00 U	2,900.00 U	9.00 J	13.00 U	200.00	12.00 U
Total VOCs (ppb)	10,000	UG/KG	4	5,580	195	2	15,287	2
Semi-Volatiles (ppb)								
2-Methylnaphthalene	36,400	UG/KG	82.00 J	32,000.00 U	150.00 J	24,000.00 U	5,900.00 U	29.00 J
4-Chloroaniline	220	UG/KG	2,300.00 U	32,000.00 U	210.00 J	24,000.00 U	5,900.00 U	430.00 U
Acenaphthene	50,000	UG/KG	260.00 J	8,600.00 J	540.00 J	2,900.00 J	250.00 J	31.00 J
Acenaphthylene	41,000	UG/KG	450.00 J	32,000.00 U	3,800.00 U	24,000.00 U	5,900.00 U	22.00 J
Anthracene	50,000	UG/KG	1,100.00 J	10,000.00 J	1,700.00 J	8,800.00 J	1,500.00 J	79.00 J
Benzo(a)anthracene	224	UG/KG	4,000.00	23,000.00 J	4,800.00	46,000.00	6,100.00	310.00 J
Benzo(a)pyrene	61	UG/KG	3,100.00	21,000.00 J	3,700.00 J	43,000.00	5,700.00 J	350.00 J
Benzo(b)fluoranthene	1,100	UG/KG	3,900.00	23,000.00 J	6,900.00	52,000.00	12,000.00	920.00
Benzo(ghi)perylene	50,000	UG/KG	1,200.00 J	10,000.00 J	2,200.00 J	19,000.00 J	4,400.00 J	130.00 J
Benzo(k)fluoranthene	1,100	UG/KG	2,100.00 J	21,000.00 J	2,900.00 J	41,000.00	5,900.00 U	430.00 U
Butyl benzyl phthalate	50,000	UG/KG	2,300.00 U	32,000.00 U	140.00 J	24,000.00 U	5,900.00 U	430.00 U
Carbazole	-	UG/KG	360.00 J	4,800.00 J	1,600.00 J	6,900.00 J	540.00 J	70.00 J
Chrysene	400	UG/KG	4,100.00	28,000.00 J	7,900.00	60,000.00	7,000.00	430.00
Dibenzo(a,h)anthracene	14	UG/KG	830.00 J	4,800.00 J	1,100.00 J	9,900.00 J	2,200.00 J	56.00 J
Dibenzofuran	6,200	UG/KG	180.00 J	3,600.00 J	450.00 J	1,500.00 J	230.00 J	23.00 J
Fluoranthene	50,000	UG/KG	9,700.00	59,000.00	14,000.00	100,000.00	11,000.00	790.00
Fluorene	50,000	UG/KG	360.00 J	7,300.00 J	800.00 J	2,800.00 J	490.00 J	34.00 J
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	1,700.00 J	10,000.00 J	2,000.00 J	20,000.00 J	4,200.00 J	140.00 J
Naphthalene	13,000	UG/KG	190.00 J	2,100.00 J	420.00 J	1,600.00 J	5,900.00 U	24.00 J
Phenanthrene	50,000	UG/KG	4,000.00	41,000.00	7,600.00	39,000.00	4,600.00 J	410.00 J
Pyrene	50,000	UG/KG	7,000.00	45,000.00	7,900.00	65,000.00	9,900.00	820.00
Total SVOCs (ppb)	500,000	UG/KG	44,612	322,200	67,010	519,400	70,110	4,668
Pesticides / PCBs (ppb)								
4,4'-DDE	2,100	UG/KG	4.60 U	550.00	77.00 U	56.00 U	35.00 J	4.30 U
4,4'-DDT	2,100	UG/KG	4.60 U	1,500.00 J	100.00	42.00 J	95.00 J	5.50
Aroclor 1242	10,000	UG/KG	30.00 JP	400.00 U	770.00 U	560.00 U	300.00 U	43.00 U
Aroclor 1254	10,000	UG/KG	66.00	13,000.00	770.00 U	560.00 U	900.00	43.00 U
Dieldrin	44.00	UG/KG	4.60 R	450.00 R	77.00 R	56.00 R	22.00 R	4.30 R
Endosulfan I	900	UG/KG	2.40 U	46.00 U	40.00 U	29.00 U	15.00 U	2.20 U
Endrin	100	UG/KG	4.60 R	76.00 R	77.00 R	56.00 R	30.00 R	4.30 R
Endrin aldehyde	-	UG/KG	4.60 R	81.00 R	69.00 R	56.00 R	30.00 R	4.30 R
Endrin ketone	-	UG/KG	4.60 U	40.00 U	69.00 J	100.00	30.00 U	4.30 U
Methoxychlor	-	UG/KG	24.00 R	390.00 R	91.00 R	31.00 R	30.00 R	3.00 R
Leachable pH	-	S.U.	7.46	8.61	7.97	8.03	9.14	7.70
Total Pesticides (ppb)	10,000	UG/KG	0.00	2,050	169.00	142.00	130.00	5.50

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Regulatory Value is Site Background
(3) Site specific form of Cyanide must be determined before cleanup objective is established
NA = Parameter not analyzed

Table 8B
Former Roblin Steel Site SIR
Sump/Drain Samples

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-OF01- SED-0	RSS-SMP01- SLD-0	RSS-SMP02- 05-SLD-0	RSS-SMP06- SED-0	RSS-SMP07- 08-SLD-0	RSS-SMP09- SED-0
TAL - Metals (ppm)								
Arsenic	50	MG/KG	42.40 J	25.70 J	44.20 J	23.10 J	23.10 J	18.10 J
Barium	1,000	MG/KG	515.00 J	806.00 J	1,880.00 J	1,230.00 J	1,470.00 J	162.00 J
Beryllium	5	MG/KG	0.73	0.64 JE	1.20 JE	0.87 J	0.94 JE	2.40 J
Cadmium	20	MG/KG	3.00	2.70 J	44.30 J	18.10 J	7.90 J	4.90 J
Chromium	1,000	MG/KG	75.50 J	551.00 J	2,440.00 J	507.00 J	219.00 J	560.00 J
Copper	250	MG/KG	294.00 J	1,190.00 J	693.00 J	541.00 J	318.00 J	236.00 J
Lead	1,000	MG/KG	91.20 J	2,770.00 J	3,480.00 J	18,300.00 J	584.00 J	213.00 J
Selenium	50	MG/KG	7.60	7.70	17.60	3.50	3.70	6.20
Silver	10	MG/KG	1.00 B	13.30	19.70	0.81 B	1.40 B	0.97 B
Zinc	85,000	MG/KG	4,510.00 J	3,250.00 J	87,100.00 J	5,410.00 J	9,380.00 J	5,780.00 J
Volatiles (ppb)								
1,1-Dichloroethane	1,000	UG/KG	14.00 U	880.00 J	28.00 U	13.00 U	20.00 U	12.00 U
1,1-Dichloroethene	1,000	UG/KG	14.00 U	2,900.00 U	28.00 U	13.00 U	12.00 J	12.00 U
1,2-Dichloroethene (Total)	1,000	UG/KG	14.00 U	3,700.00	160.00	13.00 U	15,000 D	2.00 J
Carbon Disulfide	1,000	UG/KG	14.00 U	2,900.00 U	28.00 U	13.00 U	11.00 J	12.00 U
Trichloroethene	1,000	UG/KG	4.00 J	1,000.00 J	26.00 J	2.00 J	64.00	12.00 U
Vinyl chloride	1,000	UG/KG	14.00 U	2,900.00 U	9.00 J	13.00 U	200.00	12.00 U
Total VOCs (ppb)	10,000	UG/KG	4	5,580	195	2	15,287	2
Semi-Volatiles (ppb)								
2-Methylnaphthalene	50,000	UG/KG	82.00 J	32,000.00 U	150.00 J	24,000.00 U	5,900.00 U	29.00 J
4-Chloroaniline	50,000	UG/KG	2,300.00 U	32,000.00 U	210.00 J	24,000.00 U	5,900.00 U	430.00 U
Acenaphthene	50,000	UG/KG	260.00 J	8,600.00 J	540.00 J	2,900.00 J	250.00 J	31.00 J
Acenaphthylene	50,000	UG/KG	450.00 J	32,000.00 J	3,800.00 U	24,000.00 U	5,900.00 U	22.00 J
Anthracene	50,000	UG/KG	1,100.00 J	10,000.00 J	1,700.00 J	8,800.00 J	1,500.00 J	79.00 J
Benzo(a)anthracene	10,000	UG/KG	4,000.00	23,000.00 J	4,800.00	46,000.00	6,100.00	310.00 J
Benzo(a)pyrene	10,000	UG/KG	3,100.00	21,000.00 J	3,700.00 J	43,000.00	5,700.00 J	350.00 J
Benzo(b)fluoranthene	10,000	UG/KG	3,900.00	23,000.00 J	6,900.00	52,000.00	12,000.00	920.00
Benzo(ghi)perylene	50,000	UG/KG	1,200.00 J	10,000.00 J	2,200.00 J	19,000.00 J	4,400.00 J	130.00 J
Benzo(k)fluoranthene	10,000	UG/KG	2,100.00 J	21,000.00 J	2,900.00 J	41,000.00	5,900.00 U	430.00 U
Butyl benzyl phthalate	50,000	UG/KG	2,300.00 U	32,000.00 U	140.00 J	24,000.00 U	5,900.00 U	430.00 U
Carbazole	50,000	UG/KG	360.00 J	4,800.00 J	1,600.00 J	6,900.00 J	540.00 J	70.00 J
Chrysene	10,000	UG/KG	4,100.00	28,000.00 J	7,900.00	60,000.00	7,000.00	430.00
Dibenzo(a,h)anthracene	50,000	UG/KG	830.00 J	4,800.00 J	1,100.00 J	9,900.00 J	2,200.00 J	56.00 J
Dibenzofuran	50,000	UG/KG	180.00 J	3,600.00 J	450.00 J	1,500.00 J	230.00 J	23.00 J
Fluoranthene	50,000	UG/KG	9,700.00	59,000.00	14,000.00	100,000.00	11,000.00	790.00
Fluorene	50,000	UG/KG	360.00 J	7,300.00 J	800.00 J	2,800.00 J	490.00 J	34.00 J
Indeno(1,2,3-cd)pyrene	10,000	UG/KG	1,700.00 J	10,000.00 J	2,000.00 J	20,000.00 J	4,200.00 J	140.00 J
Naphthalene	50,000	UG/KG	190.00 J	2,100.00 J	420.00 J	1,600.00 J	5,900.00 U	24.00 J
Phenanthrene	50,000	UG/KG	4,000.00	41,000.00	7,600.00	39,000.00	4,600.00 J	410.00 J
Pyrene	50,000	UG/KG	7,000.00	45,000.00	7,900.00	65,000.00	9,900.00	820.00
Total SVOCs (ppb)	500,000	UG/KG	44,612	322,200	67,010	519,400	70,110	4,668
Total cPAHs (ppb)	10,000	UG/KG	4,085	26,838	5,107	55,270	7,996	492
PCBs (ppb)								
Aroclor 1242	10,000	UG/KG	30.00 JF	400.00 U	770.00 U	560.00 U	300.00 U	43.00 U
Aroclor 1254	10,000	UG/KG	66.00	13,000.00	770.00 U	560.00 U	900.00	43.00 U

(1) Source is Site Specific Cleanup Levels (SSCLs)
NA = Parameter not analyzed

Table 9A
Former Roblin Steel Site SIR
XRF Field Screening Results

Reading Number	Location		Lead (LOD=45)	Arsenic (LOD=60)	Mercury (LOD=50)	Zinc (LOD=100)	Copper (LOD=130)	Nickel (LOD=200)	Cobalt (LOD=300)	Iron (LOD=500)	Manganese (LOD=1000)	Chromium (LOD=1400)
17	A17+00	B5+00	<LOD	<LOD	1,819.2	5,478.4	<LOD	229,990.4	<LOD	653,721.6	55,961.6	<LOD
22	A16+00	B5+00	<LOD	103.5	184.9	1,409.6	<LOD	29,977.6	2,720.0	93,388.8	11,398.4	<LOD
27	A16+00	B4+50	225.4	<LOD	<LOD	1,140.0	<LOD	<LOD	<LOD	216,883.2	15,296.0	<LOD
28	A16+00	B5+50	<LOD	<LOD	<LOD	682.0	<LOD	<LOD	<LOD	34,688.0	<LOD	3,680.0
29	A16+50	B5+00	470.4	<LOD	<LOD	1,409.6	<LOD	<LOD	<LOD	144,998.4	12,998.4	<LOD
30	A16+50	B5+50	<LOD	<LOD	<LOD	332.4	<LOD	<LOD	<LOD	45,286.4	<LOD	<LOD
31	A16+50	B4+50	<LOD	<LOD	<LOD	913.6	<LOD	<LOD	<LOD	54,784.0	5,788.8	<LOD
32	A17+50	B5+00	277.6	139.4	<LOD	6,796.8	<LOD	<LOD	<LOD	175,923.2	12,896.0	<LOD
38	A15+00	B5+00	<LOD	<LOD	<LOD	1,880.0	<LOD	<LOD	<LOD	286,924.8	24,793.6	<LOD
39	A15+50	B5+00	<LOD	177.4	<LOD	3,219.2	<LOD	<LOD	<LOD	281,804.8	<LOD	<LOD
40	A15+50	B5+50	<LOD	<LOD	<LOD	980.8	<LOD	<LOD	<LOD	60,262.4	4,707.2	<LOD
41	A15+50	B4+50	<LOD	<LOD	<LOD	1,189.6	<LOD	<LOD	<LOD	103,987.2	<LOD	<LOD
42	A15+50	B4+00	<LOD	<LOD	<LOD	368.0	635.2	<LOD	<LOD	423,936.0	24,192.0	<LOD
43	A15+00	B4+00	236.2	167.1	<LOD	1,720.0	<LOD	<LOD	<LOD	376,832.0	22,592.0	<LOD
44	A15+00	B4+50	<LOD	<LOD	<LOD	3,308.8	<LOD	<LOD	<LOD	192,921.6	9,324.8	<LOD
45	A15+00	B5+50	107.3	<LOD	<LOD	1,209.6	<LOD	<LOD	<LOD	56,166.4	5,628.8	<LOD
105	A14+50	B5+00	291.4	<LOD	<LOD	13,299.2	<LOD	<LOD	<LOD	343,859.2	27,084.8	<LOD
106	A14+50	B5+50	<LOD	<LOD	<LOD	5,760.0	<LOD	<LOD	<LOD	512,000.0	27,084.8	<LOD
107	A14+50	B4+50	<LOD	<LOD	<LOD	4,339.2	<LOD	<LOD	<LOD	236,953.6	10,598.4	<LOD
108	A14+50	B4+00	646.8	<LOD	<LOD	1,489.6	<LOD	<LOD	<LOD	111,923.2	<LOD	<LOD
109	A14+50	B3+50	331.0	<LOD	<LOD	1,540.0	<LOD	<LOD	<LOD	407,961.6	21,798.4	<LOD
110	A14+00	B4+00	303.4	<LOD	<LOD	13,094.4	<LOD	<LOD	<LOD	297,984.0	14,899.2	<LOD
111	A14+00	B3+00	143.6	<LOD	<LOD	1,260.0	<LOD	<LOD	<LOD	82,790.4	4,480.0	<LOD
112	A14+00	B4+50	<LOD	<LOD	<LOD	6,387.2	<LOD	<LOD	<LOD	433,766.4	19,788.8	<LOD
113	A14+00	B5+00	225.6	<LOD	<LOD	4,009.6	<LOD	<LOD	<LOD	110,899.2	<LOD	<LOD
114	A14+00	B5+50	203.7	<LOD	<LOD	4,307.2	<LOD	<LOD	<LOD	247,808.0	11,494.4	<LOD
129	A1+50	B4+00	440.8	<LOD	<LOD	8,908.8	<LOD	<LOD	<LOD	107,929.6	7,148.8	<LOD
130	A2+00	B4+05	3,289.6	<LOD	<LOD	189,952.0	<LOD	<LOD	<LOD	604,979.2	82,585.6	<LOD
131	A2+50	B4-06	2,988.8	<LOD	<LOD	52,684.8	<LOD	<LOD	<LOD	207,974.4	27,699.2	<LOD
132	A3+00	B4+00	748.0	<LOD	<LOD	21,094.4	<LOD	<LOD	<LOD	132,915.2	10,400.0	<LOD
133	A3+50	B4+02	542.4	<LOD	<LOD	13,299.2	<LOD	<LOD	<LOD	234,905.6	15,897.6	<LOD
134	A4+00	B4+00	404.2	<LOD	<LOD	9,158.4	<LOD	<LOD	<LOD	353,894.4	17,395.2	<LOD
135	A4+50	B4+00	245.6	<LOD	<LOD	5,248.0	<LOD	<LOD	<LOD	249,856.0	15,795.2	<LOD
136	A5+00	B4+03	412.0	<LOD	<LOD	14,092.8	<LOD	<LOD	<LOD	192,000.0	11,596.8	<LOD
137	A5+50	B4+00	323.8	<LOD	<LOD	5,619.2	634.8	<LOD	<LOD	104,960.0	9,996.8	<LOD
138	A6+00	B4-07	248.6	<LOD	<LOD	5,667.2	<LOD	<LOD	<LOD	155,955.2	<LOD	<LOD
139	A2+50	B4+50	930.4	<LOD	<LOD	23,897.6	<LOD	3,160.0	<LOD	141,926.4	15,795.2	<LOD
140	A3+00	B4+50	732.0	<LOD	<LOD	22,694.4	<LOD	<LOD	<LOD	72,755.2	10,694.4	<LOD
141	A4-10	B4+50	411.6	<LOD	<LOD	4,579.2	<LOD	<LOD	<LOD	75,980.8	4,348.8	<LOD
142	A4+50	B4+50	<LOD	<LOD	405.6	3,369.6	<LOD	53,760.0	<LOD	161,996.8	11,699.2	<LOD
143	A4+50	B5+00	224.4	<LOD	<LOD	4,768.0	<LOD	<LOD	<LOD	160,972.8	7,929.6	<LOD
144	A4+00	B5+02	<LOD	<LOD	<LOD	632.8	<LOD	<LOD	<LOD	9,747.2	2,120.0	<LOD
145	A3+50	B5+03	365.4	<LOD	<LOD	7,116.8	<LOD	<LOD	<LOD	56,576.0	8,364.8	<LOD
146	A5+00	B5+56	180.7	<LOD	<LOD	2,560.0	<LOD	<LOD	<LOD	45,286.4	<LOD	<LOD
147	A5+50	B5+50	278.6	<LOD	<LOD	4,179.2	<LOD	<LOD	<LOD	52,889.6	<LOD	<LOD
148	A6+00	B5+50	449.6	<LOD	<LOD	6,528.0	<LOD	<LOD	<LOD	123,904.0	6,707.2	<LOD
149	A6+50	B5+55	<LOD	<LOD	<LOD	831.2	<LOD	<LOD	<LOD	32,588.8	4,067.2	<LOD
150	A6+50	B5+00	565.2	<LOD	<LOD	8,166.4	<LOD	<LOD	<LOD	556,646.4	31,488.0	<LOD
151	A6+65	B4+50	235.0	<LOD	<LOD	8,646.4	<LOD	<LOD	<LOD	163,942.4	14,092.8	<LOD
152	A6+50	B4+00	287.4	<LOD	<LOD	5,459.2	<LOD	<LOD	<LOD	182,988.8	16,294.4	<LOD
153	A7+00	B4+00	418.8	<LOD	<LOD	6,099.2	<LOD	<LOD	<LOD	79,974.4	7,859.2	<LOD
154	A6+00	B4+53	304.8	<LOD	<LOD	7,814.4	<LOD	2,049.6	<LOD	103,987.2	9,036.8	<LOD
155	A6+00	B5+00	195.9	<LOD	<LOD	3,337.6	<LOD	<LOD	<LOD	100,966.4	<LOD	<LOD
156	A5+50	B4+50	369.8	<LOD	<LOD	8,998.4	<LOD	1,680.0	<LOD	141,926.4	15,398.4	<LOD
157	A5+50	B5+00	177.7	<LOD	<LOD	3,108.8	<LOD	<LOD	<LOD	91,494.4	7,744.0	<LOD
158	A5+00	B4+50	255.8	<LOD	<LOD	4,880.0	<LOD	<LOD	<LOD	153,907.2	13,593.6	<LOD
159	A5+00	B5+00	352.4	<LOD	<LOD	7,526.4	<LOD	<LOD	<LOD	405,913.6	23,398.4	<LOD
164	A7+50	B4+00	686.0	200.3	<LOD	18,892.8	<LOD	<LOD	<LOD	128,000.0	10,796.8	<LOD
165	A8+00	B4+00	516.0	<LOD	<LOD	10,400.0	<LOD	<LOD	<LOD	208,998.4	9,894.4	<LOD
166	A8+50	B4+00	785.6	<LOD	<LOD	16,089.6	<LOD	<LOD	<LOD	201,932.8	10,496.0	<LOD
167	A9+00	B4+00	659.2	<LOD	<LOD	6,566.4	<LOD	<LOD	<LOD	228,966.4	9,337.6	<LOD
168	A9+50	B4+00	495.2	<LOD	<LOD	3,689.6	<LOD	<LOD	<LOD	96,358.4	5,459.2	<LOD
169	A10+00	B4+00	372.2	<LOD	<LOD	6,537.6	<LOD	<LOD	<LOD	99,072.0	5,920.0	<LOD
170	A10+48	B4+00	520.8	<LOD	<LOD	18,598.4	<LOD	<LOD	<LOD	292,864.0	15,398.4	<LOD
171	A11+00	B4+00	863.2	<LOD	<LOD	6,019.2	<LOD	<LOD	<LOD	107,929.6	<LOD	<LOD
172	A11+50	B4+00	745.2	<LOD	<LOD	13,990.4	<LOD	<LOD	<LOD	141,926.4	<LOD	<LOD
174	A12+02	B4+10	302.8	<LOD	<LOD	13,696.0	<LOD	<LOD	<LOD	157,900.8	19,596.8	<LOD
175	A12+50	B4-17	1,800.0	304.4	<LOD	86,579.2	<LOD	<LOD	<LOD	384,819.2	34,483.2	<LOD
177	A13+50	B4+00	340.2	<LOD	<LOD	26,675.2	<LOD	<LOD	<LOD	581,632.0	30,694.4	<LOD
178	A7+00	B4+50	634.0	<LOD	<LOD	15,091.2	<LOD	<LOD	<LOD	168,960.0	14,988.8	<LOD
179	A7+00	B5-01	454.0	<LOD	<LOD	11,897.6	<LOD	<LOD	<LOD	381,952.0	19,891.2	<LOD
180	A7+02	B5+56	156.9	<LOD	<LOD	652.8	<LOD	<LOD	<LOD	28,800.0	<LOD	<LOD
181	A7+48	B5+56	1,849.6	<LOD	<LOD	5,107.2	<LOD	<LOD	<LOD	67,072.0	<LOD	<LOD

LOD = Level of Detection
 All readings are ppm
 Shaded readings are above guidance values

Table 9A
Former Roblin Steel Site SIR
XRF Field Screening Results

Reading Number	Location		Lead (LOD=45)	Arsenic (LOD=60)	Mercury (LOD=50)	Zinc (LOD=100)	Copper (LOD=130)	Nickel (LOD=200)	Cobalt (LOD=300)	Iron (LOD=500)	Manganese (LOD=1000)	Chromium (LOD=1400)
182	A7+50	B5+05	401.4	<LOD	<LOD	8,064.0	<LOD	<LOD	<LOD	867,532.8	37,580.8	<LOD
183	A7+54	B4+48	1,040.0	<LOD	<LOD	27,392.0	<LOD	<LOD	<LOD	280,985.6	27,980.8	<LOD
184	A8-06	B4+50	144.4	<LOD	<LOD	8,774.4	<LOD	<LOD	<LOD	69,068.8	4,659.2	<LOD
185	A8+00	B5+03	544.4	<LOD	<LOD	7,878.4	<LOD	<LOD	<LOD	162,918.4	12,198.4	<LOD
186	A8+00	B5+50	1,668.8	<LOD	<LOD	2,459.2	<LOD	<LOD	<LOD	75,059.2	4,489.6	<LOD
187	A8+50	B5+54	530.8	<LOD	<LOD	2,499.2	<LOD	<LOD	<LOD	102,963.2	9,254.4	<LOD
189	A8+50	B5+00	302.2	<LOD	<LOD	4,089.6	<LOD	<LOD	<LOD	129,945.6	9,440.0	<LOD
190	A8+50	B4+50	289.4	<LOD	<LOD	6,438.4	<LOD	<LOD	<LOD	101,990.4	12,800.0	<LOD
191	A9+00	B4+50	142.6	<LOD	<LOD	3,379.2	<LOD	<LOD	<LOD	91,852.8	9,017.6	<LOD
192	A9+01	B5+00	627.2	<LOD	<LOD	8,748.8	<LOD	<LOD	<LOD	285,900.8	28,979.2	<LOD
193	A9+02	B5+51	194.7	<LOD	<LOD	980.0	<LOD	<LOD	<LOD	39,296.0	3,369.6	<LOD
194	A9+50	B5+50	288.0	<LOD	<LOD	1,889.6	<LOD	<LOD	<LOD	67,174.4	<LOD	<LOD
195	A9+50	B5+00	500.0	<LOD	<LOD	7,379.2	904.8	<LOD	<LOD	274,841.6	22,400.0	<LOD
196	A9+50	B4+50	563.2	<LOD	<LOD	3,638.4	624.4	<LOD	<LOD	99,481.6	8,825.6	<LOD
197	A10+03	B4+50	552.4	<LOD	<LOD	4,838.4	<LOD	<LOD	<LOD	134,963.2	12,000.0	<LOD
198	A10+00	B5+00	226.2	<LOD	<LOD	4,448.0	<LOD	<LOD	<LOD	380,928.0	32,486.4	<LOD
199	A10+00	B5+50	308.6	<LOD	<LOD	2,179.2	<LOD	<LOD	<LOD	67,788.8	6,438.4	<LOD
200	A10+50	B5+50	616.0	<LOD	<LOD	22,796.8	<LOD	<LOD	<LOD	228,966.4	32,793.6	<LOD
201	A10+41	B5+00	400.2	<LOD	<LOD	3,628.8	<LOD	<LOD	<LOD	347,955.2	29,081.6	<LOD
202	A10+49	B4+51	590.0	<LOD	<LOD	8,384.0	<LOD	<LOD	<LOD	188,928.0	17,689.6	<LOD
203	A11-01	B4+56	520.0	<LOD	<LOD	7,065.6	<LOD	<LOD	<LOD	128,921.6	14,400.0	<LOD
205	A11+00	B5-01	289.2	<LOD	<LOD	3,228.8	<LOD	<LOD	<LOD	202,956.8	19,200.0	<LOD
206	A11+02	B5+50	164.6	<LOD	<LOD	1,859.2	<LOD	<LOD	<LOD	50,585.6	5,468.8	<LOD
207	A11+49	B5+50	195.6	<LOD	<LOD	1,889.6	<LOD	<LOD	<LOD	86,784.0	6,624.0	<LOD
208	A11+50	B5+00	360.0	<LOD	<LOD	5,427.2	<LOD	<LOD	<LOD	117,964.8	14,195.2	<LOD
209	A11+51	B4+44	<LOD	<LOD	<LOD	2,880.0	<LOD	<LOD	<LOD	137,932.8	13,696.0	<LOD
210	A12-01	B4+49	452.8	<LOD	<LOD	18,393.6	1,540.0	<LOD	<LOD	149,913.6	28,083.2	<LOD
211	A12+01	B5+00	147.0	<LOD	<LOD	4,137.6	<LOD	<LOD	<LOD	52,889.6	6,880.0	<LOD
212	A12+01	B5+50	<LOD	<LOD	<LOD	2,908.8	<LOD	<LOD	<LOD	111,923.2	18,099.2	<LOD
213	A12+50	B5+50	159.5	<LOD	<LOD	2,169.6	<LOD	<LOD	<LOD	78,796.8	9,856.0	<LOD
214	A12+50	B5+00	412.4	<LOD	<LOD	3,179.2	<LOD	<LOD	<LOD	139,980.8	9,907.2	<LOD
215	A12+49	B4+50	901.6	<LOD	<LOD	41,881.6	2,520.0	<LOD	<LOD	295,936.0	45,798.4	<LOD
216	A13+00	B4+00	1,329.6	<LOD	<LOD	55,756.8	3,648.0	<LOD	<LOD	387,1884.80	71,884.8	<LOD
217	A13+00	B5+00	234.2	<LOD	<LOD	5,059.2	<LOD	<LOD	<LOD	85,299.2	9,958.4	<LOD
218	A13+00	B5+50	<LOD	<LOD	<LOD	2,739.2	<LOD	<LOD	<LOD	155,955.2	11,494.4	<LOD
219	A13+50	B5+50	<LOD	<LOD	<LOD	1,939.2	<LOD	<LOD	<LOD	160,972.8	11,795.2	<LOD
220	A13+50	B5-04	245.4	<LOD	<LOD	5,449.6	<LOD	<LOD	<LOD	139,980.8	12,499.2	<LOD
221	A13+60	B4+41	393.8	<LOD	<LOD	16,691.2	2,209.6	<LOD	<LOD	0128000.00	128,000.0	<LOD
224	A1+00	B3+50	565.6	<LOD	<LOD	13,593.6	896.8	<LOD	<LOD	192,921.6	20,096.0	<LOD
225	A1+50	B3+50	1,380.0	<LOD	<LOD	22,592.0	1,969.6	<LOD	<LOD	875,724.8	60,057.6	<LOD
226	A2+00	B3+50	660.4	<LOD	<LOD	5,817.6	<LOD	<LOD	<LOD	70,758.4	5,987.2	<LOD
227	A2+50	B3+50	462.4	<LOD	<LOD	9,779.2	<LOD	<LOD	<LOD	158,924.8	13,696.0	<LOD
228	A3+00	B3+48	364.2	<LOD	<LOD	6,467.2	<LOD	<LOD	<LOD	74,956.8	7,449.6	<LOD
229	A3+50	B3+50	364.2	<LOD	<LOD	6,467.2	<LOD	<LOD	<LOD	74,956.8	7,449.6	<LOD
230	A4+01	B3+49	<LOD	<LOD	<LOD	<LOD	<LOD	156,979.2	<LOD	82,176.0	<LOD	55,654.4
231	A4+50	B3+52	458.8	<LOD	<LOD	2,099.2	<LOD	<LOD	<LOD	52,889.6	5,347.2	<LOD
232	A5+00	B3+51	1,160.0	<LOD	<LOD	4,377.6	<LOD	<LOD	<LOD	86,886.4	7,449.6	<LOD
233	A5+55	B3+50	221.2	<LOD	<LOD	1,720.0	<LOD	<LOD	<LOD	28,288.0	<LOD	<LOD
234	A6+00	B3+50	477.6	<LOD	<LOD	1,659.2	393.2	<LOD	<LOD	102,963.2	10,195.2	<LOD
235	A6+56	B3+67	525.6	<LOD	<LOD	4,739.2	<LOD	<LOD	<LOD	112,947.2	10,899.2	<LOD
236	A7+00	B3+52	775.6	<LOD	<LOD	5,728.0	<LOD	<LOD	<LOD	66,662.4	5,737.6	<LOD
237	A7+50	B3+55	878.4	<LOD	<LOD	6,956.8	<LOD	<LOD	<LOD	257,843.2	17,600.0	<LOD
238	A8+00	B3+55	608.4	<LOD	<LOD	5,219.2	<LOD	<LOD	<LOD	151,961.6	11,398.4	<LOD
239	A10+00	B3+52	547.6	<LOD	<LOD	1,800.0	<LOD	<LOD	<LOD	31,385.6	2,588.8	<LOD
240	A10+50	B3+53	390.4	<LOD	<LOD	1,340.0	<LOD	<LOD	<LOD	10,099.2	<LOD	<LOD
241	A11+00	B3+52	743.6	<LOD	<LOD	3,200.0	<LOD	<LOD	<LOD	29,388.8	3,388.8	<LOD
242	A11+53	B3+53	560.8	<LOD	<LOD	15,692.8	678.0	<LOD	<LOD	63,692.8	5,299.2	<LOD
243	A12+00	B3+50	1,280.0	<LOD	<LOD	52,096.0	2,348.8	<LOD	<LOD	200,908.8	26,675.2	<LOD
244	A12+50	B3+52	829.6	<LOD	<LOD	42,291.2	<LOD	<LOD	<LOD	111,923.2	12,294.4	<LOD
245	A13+00	B3+50	562.4	<LOD	<LOD	11,795.2	2,929.6	<LOD	<LOD	130,969.6	10,899.2	<LOD
246	A13+54	B3+50	337.2	<LOD	<LOD	25,894.4	<LOD	<LOD	<LOD	348,979.2	32,691.2	<LOD
247	A11+50	B3+00	584.4	<LOD	<LOD	23,488.0	1,140.0	<LOD	<LOD	105,984.0	12,198.4	<LOD
252	A12+00	B3+00	391.6	<LOD	<LOD	17,600.0	<LOD	<LOD	<LOD	231,833.6	<LOD	<LOD
253	A12+54	B3+00	380.6	<LOD	<LOD	23,296.0	<LOD	<LOD	<LOD	239,820.8	9,747.2	<LOD
254	A13+00	B3+02	682.4	<LOD	<LOD	29,977.6	<LOD	<LOD	<LOD	256,000.0	11,398.4	<LOD
255	A13+00	B2+66	<LOD	<LOD	<LOD	1,029.6	<LOD	<LOD	<LOD	25,792.0	<LOD	<LOD
256	A12+50	B2+50	137.9	<LOD	<LOD	1,469.6	<LOD	454.0	<LOD	39,680.0	<LOD	<LOD
257	A13+50	B3-07	76.8	<LOD	<LOD	454.4	<LOD	<LOD	<LOD	21,798.4	<LOD	<LOD
258	A12+00	B2+50	641.6	<LOD	<LOD	42,086.4	<LOD	<LOD	<LOD	288,972.8	<LOD	<LOD
260	A11+50	B2+50	556.4	<LOD	<LOD	16,396.8	<LOD	<LOD	<LOD	148,992.0	<LOD	<LOD
262	A11+00	B2+50	389.4	<LOD	<LOD	14,297.6	<LOD	<LOD	<LOD	298,803.2	14,297.6	<LOD
263	A11+00	B2+00	305.4	<LOD	<LOD	2,249.6	<LOD	<LOD	<LOD	104,960.0	<LOD	<LOD
264	A12+03	B2+28	103.2	<LOD	<LOD	536.8	<LOD	<LOD	<LOD	27,392.0	<LOD	<LOD

LOD = Level of Detection
 All readings are ppm
 Shaded readings are above guidance values

Table 9A
Former Roblin Steel Site SIR
XRF Field Screening Results

Reading Number	Location		Lead (LOD=45)	Arsenic (LOD=60)	Mercury (LOD=50)	Zinc (LOD=100)	Copper (LOD=130)	Nickel (LOD=200)	Cobalt (LOD=300)	Iron (LOD=500)	Manganese (LOD=1000)	Chromium (LOD=1400)
265	A11+50	B2+00	378.6	<LOD	<LOD	1,320.0	<LOD	<LOD	<LOD	67,891.2	<LOD	<LOD
266	A10+50	B2+28	<LOD	<LOD	<LOD	1,849.6	<LOD	<LOD	<LOD	175,923.2	<LOD	<LOD
267	A10+50	B2+00	230.2	<LOD	<LOD	5,299.2	<LOD	<LOD	<LOD	194,969.6	<LOD	<LOD
268	A10+50	B1+50	838.4	<LOD	<LOD	1,100.0	<LOD	<LOD	<LOD	20,992.0	<LOD	<LOD
269	A11+00	B1+65	734.0	<LOD	<LOD	1,380.0	<LOD	<LOD	<LOD	27,289.6	<LOD	<LOD
270	A6+00	B3+00	686.8	<LOD	<LOD	5,148.8	<LOD	6,809.6	<LOD	68,096.0	<LOD	<LOD
271	A1+00	B3-15	188.1	<LOD	<LOD	2,219.2	<LOD	<LOD	<LOD	49,894.4	<LOD	<LOD
272	A1+50	B3-15	247.4	<LOD	<LOD	4,508.8	<LOD	<LOD	<LOD	71,680.0	<LOD	<LOD
273	A2+00	B3-15	295.2	<LOD	<LOD	5,478.4	<LOD	<LOD	<LOD	119,910.4	<LOD	<LOD
274	A2+50	B3-15	191.2	<LOD	552.8	5,718.4	<LOD	67,891.2	<LOD	73,676.8	7,014.4	<LOD
275	A3+00	B3-15	180.6	<LOD	<LOD	1,249.6	<LOD	<LOD	<LOD	32,998.4	<LOD	<LOD
276	A6+65	B3+00	241.2	<LOD	<LOD	4,057.6	<LOD	<LOD	<LOD	63,078.4	<LOD	<LOD
277	A7+00	B3+00	244.8	<LOD	<LOD	5,577.6	<LOD	<LOD	<LOD	180,940.8	<LOD	<LOD
278	A7+50	B3+00	251.2	<LOD	<LOD	6,745.6	<LOD	<LOD	<LOD	74,854.4	<LOD	<LOD
279	A8-10	B3+00	350.0	<LOD	<LOD	20,198.4	<LOD	<LOD	<LOD	174,899.2	<LOD	<LOD
280	A8+50	B3+00	<LOD	<LOD	<LOD	1,629.6	<LOD	<LOD	<LOD	34,176.0	<LOD	<LOD
281	A9-05	B2+50	<LOD	<LOD	<LOD	640.4	<LOD	<LOD	<LOD	38,092.8	<LOD	<LOD
282	A9+00	B3+00	430.0	<LOD	<LOD	6,867.2	<LOD	<LOD	<LOD	79,052.8	<LOD	<LOD
285	A9+50	B3+00	330.4	<LOD	<LOD	11,398.4	<LOD	<LOD	<LOD	163,942.4	<LOD	<LOD
286	A9+50	B2+50	<LOD	<LOD	<LOD	421.6	<LOD	<LOD	<LOD	28,595.2	<LOD	<LOD
287	A10+00	B2+00	<LOD	<LOD	<LOD	5,488.0	<LOD	<LOD	<LOD	298,803.2	<LOD	<LOD
288	A10+00	B1+50	<LOD	<LOD	<LOD	2,640.0	<LOD	<LOD	<LOD	382,976.0	<LOD	<LOD
289	A10+00	B1+00	<LOD	<LOD	<LOD	343.2	<LOD	7,065.6	<LOD	27,878.4	<LOD	<LOD
290	A9+50	B2+00	<LOD	<LOD	<LOD	5,929.6	<LOD	<LOD	<LOD	423,936.0	<LOD	<LOD
291	A9+50	B1+55	<LOD	<LOD	<LOD	531.2	<LOD	<LOD	<LOD	31,180.8	<LOD	<LOD
292	A9+00	B2+00	<LOD	<LOD	<LOD	2,729.6	<LOD	<LOD	<LOD	182,988.8	<LOD	<LOD
293	A9+00	B1+50	<LOD	<LOD	<LOD	1,389.6	<LOD	<LOD	<LOD	70,092.8	<LOD	<LOD
294	A9+00	B1+00	210.6	<LOD	<LOD	1,320.0	<LOD	<LOD	<LOD	62,464.0	<LOD	<LOD
295	A9+50	B1+00	192.6	<LOD	<LOD	1,329.6	<LOD	<LOD	<LOD	62,566.4	<LOD	<LOD
296	A9+50	B0+65	217.6	<LOD	<LOD	728.0	<LOD	<LOD	<LOD	42,086.4	<LOD	<LOD
297	A9+00	B0+50	<LOD	<LOD	<LOD	665.6	<LOD	<LOD	<LOD	51,379.2	<LOD	<LOD
299	A8+56	B2+00	<LOD	<LOD	<LOD	3,099.2	<LOD	<LOD	<LOD	334,848.0	<LOD	<LOD
300	A8+50	B1+50	252.8	<LOD	<LOD	4,969.6	<LOD	<LOD	<LOD	41,881.6	<LOD	<LOD
301	A8+53	B1+00	<LOD	<LOD	622.8	3,747.2	<LOD	66,867.2	<LOD	61,388.8	<LOD	5,049.6
302	A8+56	B0+50	256.4	<LOD	<LOD	1,500.0	<LOD	<LOD	<LOD	55,552.0	<LOD	<LOD
303	A8+56	B0+10	213.0	<LOD	<LOD	676.4	<LOD	<LOD	<LOD	43,084.8	<LOD	<LOD
304	A8+50	B2+50	<LOD	<LOD	<LOD	1,460.0	<LOD	<LOD	<LOD	72,960.0	<LOD	<LOD
305	A8-06	B2+30	<LOD	<LOD	<LOD	1,449.6	<LOD	<LOD	<LOD	51,993.6	<LOD	<LOD
306	A7+48	B2+50	128.2	<LOD	<LOD	276.6	<LOD	<LOD	<LOD	20,288.0	<LOD	<LOD
307	A7+00	B2+50	<LOD	<LOD	<LOD	1,300.0	<LOD	<LOD	<LOD	90,265.6	<LOD	<LOD
308	A6+50	B2+05	<LOD	<LOD	<LOD	929.6	<LOD	<LOD	<LOD	64,051.2	<LOD	<LOD
309	A6-01	B2+50	<LOD	<LOD	<LOD	1,260.0	<LOD	<LOD	<LOD	53,862.4	<LOD	<LOD
310	A5+50	B2+50	135.9	<LOD	<LOD	1,739.2	<LOD	<LOD	<LOD	83,865.6	<LOD	<LOD
311	A5+00	B2+50	157.3	109.0	<LOD	1,609.6	<LOD	<LOD	<LOD	48,384.0	<LOD	<LOD
312	A4+50	B2+50	250.4	<LOD	<LOD	1,939.2	<LOD	<LOD	<LOD	48,486.4	<LOD	<LOD
313	A4+00	B2+50	134.5	<LOD	<LOD	1,169.6	<LOD	<LOD	<LOD	35,993.6	<LOD	<LOD
314	A3+50	B2+50	<LOD	<LOD	<LOD	849.6	<LOD	<LOD	<LOD	24,089.6	<LOD	<LOD
315	A3+00	B2+50	126.3	<LOD	<LOD	1,269.6	<LOD	<LOD	<LOD	32,793.6	<LOD	<LOD
316	A2+50	B2+50	283.8	<LOD	<LOD	1,549.6	<LOD	<LOD	<LOD	39,680.0	3,699.2	<LOD
317	A2+00	B2+50	<LOD	<LOD	<LOD	831.2	<LOD	<LOD	<LOD	22,592.0	<LOD	<LOD
318	A1+50	B2+50	<LOD	<LOD	<LOD	1,020.0	<LOD	<LOD	<LOD	30,694.4	3,648.0	<LOD
319	A1+00	B2+50	<LOD	<LOD	<LOD	616.4	<LOD	<LOD	<LOD	16,000.0	3,200.0	<LOD
320	A0+50	B2+50	97.0	<LOD	<LOD	1,020.0	<LOD	<LOD	<LOD	29,184.0	<LOD	<LOD

LOD = Level of Detection
All readings are ppm
Shaded readings are above guidance values

Table 9B
Former Roblin Steel Site SIR
RPD of XRF Screening vs. Analytical Results

PARAMETER	UNITS	RSS-SS01-S-O	XRF-Result (ppm) R-38	RPD	RSS-SS02-S-O	XRF-Result (ppm) R-43	RPD	RSS-SS03-S-O	XRF-Result (ppm) R-108	RPD
TAL - Metals (ppm)										
Arsenic	MG/KG	11.70	60 U	134.7	18.60	167	159.9	16.90	60 U	112.1
Chromium	MG/KG	327.00 EN	1,400 U	124.3	355.00 EN	1,400 U	119.1	403.00 EN	1,400 U	110.6
Cobalt	MG/KG	12.30 E	300 U	184.2	15.00 E	300 U	181	16.70 E	300 U	178.9
Copper	MG/KG	214.00 E	130 U	48.84	425.00 E	130 U	106.3	273.00 E	130 U	70.97
Iron	MG/KG	177,000.00 E	286,924	47.39	180,000.00 E	376,832	70.7	162,000.00 E	111,923	36.56
Lead	MG/KG	115.00 E	45 U	87.5	321.00 E	236	30.44	907.00 E	647	33.49
Manganese	MG/KG	3,760.00 E	24,793	147.3	4,050.00 E	22,592	139.2	3,720.00 E	1,000 U	115.3
Mercury	MG/KG	0.06	50 U	199.5	0.20	50 U	198.4	2.40	50 U	181.7
Nickel	MG/KG	177.00 E	200 U	12.2	258.00 E	200 U	25.33	163.00 E	200 U	20.39
Zinc	MG/KG	1,650.00 E	1,880	13.03	1,490.00 E	1,720	14.33	1,830.00 E	1,490	20.51

PARAMETER	UNITS	RSS-SS04-S-O	XRF-Result (ppm) R-130	RPD	RSS-SS05-S-O	XRF-Result (ppm) R-147	RPD	RSS-SS06-S-O	XRF-Result (ppm) R-153	RPD
TAL - Metals (ppm)										
Arsenic	MG/KG	28.00	60 U	72.73	8.90	60 U	148.33	13.90	60 U	124.8
Chromium	MG/KG	966.00 E	1,400 U	36.69	114.00 E	1,400 U	169.88	182.00 E	1,400 U	154
Cobalt	MG/KG	12.00 E	300 U	184.6	6.10 E	300 U	192.03	9.20 E	300 U	188.1
Copper	MG/KG	717.00 E	130 U	138.6	287.00 E	130 U	75.30	180.00 E	130 U	32.26
Iron	MG/KG	274,000.00 E	604,979	75.31	44,900.00 E	528,899	168.70	76,700.00	79,975	4.181
Lead	MG/KG	5,940.00 E	3,290	57.43	528.00 E	279	61.84	557.00 E	419	28.33
Manganese	MG/KG	33,500.00 E	82,586	84.57	3,900.00 E	1,000 U	118.37	3,920.00	7,859	66.88
Mercury	MG/KG	1.20	50 U	190.6	0.57	50 U	195.50	0.63	50 U	195
Nickel	MG/KG	191.00 N	200 U	4.604	350.00 N	200 U	54.55	104.00 N*	200 U	63.16
Zinc	MG/KG	154,000.00	189,952	20.91	5,310.00	4,179	23.83	6,770.00	6,099	10.43

PARAMETER	UNITS	RSS-SS07-S-O	XRF-Result (ppm) R-208	RPD	RSS-SS08-S-O	XRF-Result (ppm) R-268	RPD	RSS-SS09-S-O	XRF-Result (ppm) R-282	RPD
TAL - Metals (ppm)										
Arsenic	MG/KG	14.10	60 U	123.9	3.40	60 U	178.5	16.70	60 U	112.9
Chromium	MG/KG	417.00 EN	1,400 U	108.2	116.00 EN	1,400 U	169.4	135.00 EN	1,400 U	164.8
Cobalt	MG/KG	10.00 E	300 U	187.1	3.20 BE	300 U	195.8	14.50 E	300 U	181.6
Copper	MG/KG	240.00 E	130 U	59.46	50.90 E	130 U	87.45	133.00 E	130 U	2.281
Iron	MG/KG	121,000.00 E	117,965	2.54	25,000.00 E	20,992	17.43	65,600.00 E	79,052	18.6
Lead	MG/KG	306.00 E	360	16.22	723.00 E	838	14.78	299.00 E	430	35.94
Manganese	MG/KG	5,040.00 E	14,195	95.19	1,480.00 E	1,000 U	38.71	2,040.00 E	1,000 U	68.42
Mercury	MG/KG	0.25	50 U	198	0.20	50 U	198.4	0.06	50 U	199.5
Nickel	MG/KG	206.00 E	200 U	2.956	66.60 E	200 U	100.1	123.00 E	200 U	47.68
Zinc	MG/KG	3,140.00 E	5,427	53.39	1,690.00 E	1,100	42.29	8,880.00 E	6,867	25.56

PARAMETER	UNITS	RSS-SS10-S-O	XRF-Result (ppm) R-312	RPD
TAL - Metals (ppm)				
Arsenic	MG/KG	10.90	60 U	138.50
Chromium	MG/KG	212.00 EN	1,400 U	147.39
Cobalt	MG/KG	9.00 E	300 U	188.35
Copper	MG/KG	79.20 E	130 U	48.57
Iron	MG/KG	41,400.00 E	48,486	15.77
Lead	MG/KG	214.00 E	250	15.68
Manganese	MG/KG	2,950.00 E	3,449	15.59
Mercury	MG/KG	0.25	50 U	198.01
Nickel	MG/KG	116.00 E	200 U	53.16
Zinc	MG/KG	1,640.00 E	1,939	16.72

Table 10A
Area of Concern No. 1
Soil Probes / Test Pits
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SP42-D45-S-O	RSS-SP43-D45-S-O	RSS-SP44-D46-S-O	RSS-SP45-D04-S-O	RSS-SP46-D04-S-O	RSS-SP48-D04-S-O	RSS-TP43-D14-S-O	RSS-TP44-D14-S-O	Soil Probe Rinesate Blank
Volatiles (ppb)											
1,1,1-Trichloroethane	800	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
1,1,2,2-Tetrachloroethane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
1,1,2-Trichloroethane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
1,1-Dichloroethane	200	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	500.00 J	11.00 U	11.00 U	12.00 U	10.00 U
1,1-Dichloroethane	400	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
1,2-Dichloroethane	100	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
1,2-Dichloroethane (Total) ⁽²⁾	300	UG/KG	12.00 U	11.00 U	23.00 U	13.00 U	1,900.00 U	11.00 U	11.00 U	12.00 U	10.00 U
1,2-Dichloropropane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
2-Butanone	300	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
2-Hexanone	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
4-Methyl-2-pentanone	1,000	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Acetone	200	UG/KG	7.00 J	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Benzene	60	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Bromodichloromethane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Bromoforn	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Bromomethane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Carbon Disulfide	2,700	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Carbon Tetrachloride	600	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Chlorobenzene	1,700	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Chloroethane	1,900	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Chloroform	300	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Chloromethane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
cis-1,3-Dichloropropene	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Dibromochloromethane	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Ethylbenzene	5,500	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Methylene chloride	100	UG/KG	12.00 U	11.00 U	4.00 J	13.00 U	1,400.00 U	4.00 J	11.00 U	12.00 U	10.00 U
Styrene	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Tetrachloroethene	1,400	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Toluene	1,500	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Total Xylenes	1,200	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
trans-1,3-Dichloropropene	-	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Trichloroethene	700	UG/KG	4.00 J	6.00 J	52.00 U	6.00 J	310,000.00 U	7.00 J	12.00 U	2.00 J	10.00 U
Vinyl chloride	200	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U	10.00 U
Total VOCs (ppb)	10,000	UG/KG	11.00	6.00	75.00	6.00	312,400	11.00	12.00	2.00	
TCLP Semi-Volatiles (ppb)											
1,1-Dichloroethene	700	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
1,2-Dichloroethane	500	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
2-Butanone	200,000	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
Benzene	500	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
Carbon Tetrachloride	500	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
Chlorobenzene	100,000	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
Chloroform	6,000	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
Tetrachloroethene	700	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
Trichloroethene	500	UG/L	NA	NA	NA	NA	1,400.00 U	NA	NA	NA	NA
Vinyl chloride	200	UG/L	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA
TCLP Semi-Volatiles (ppb)											
1,4-Dichlorobenzene	7,500	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	400,000	UG/L	NA	NA	NA	NA	200.00 U	NA	NA	NA	NA
2,4,6-Trichlorophenol	2,000	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
2,4-Dinitrotoluene	130	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
2-Methylphenol	200,000	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
3-Methylphenol	200,000	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
4-Methylphenol	130	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
Hexachlorobenzene	500	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
Hexachlorobutadiene	3,000	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
Hexachloroethane	2,000	UG/L	NA	NA	NA	NA	80.00 U	NA	NA	NA	NA
Nitrobenzene	100,000	UG/L	NA	NA	NA	NA	200.00 U	NA	NA	NA	NA
Pyridine	5,000	UG/L	NA	NA	NA	NA	800.00 U	NA	NA	NA	NA

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Regulatory Value for 1,2-Dichloroethene (Total) is determined using 1,2-Dichloroethene (trans)
NA = Parameter not analyzed

Table 10B
Area of Concern No. 1
Soil Probes / Test Pits
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-SP42- D45-S-O	RSS-SP43- D45-S-O	RSS-SP44- D46-S-O	RSS-SP45- D04-S-O	RSS-SP46- D04-S-O	RSS-SP48- D04-S-O	RSS-TP43- D14-S-O	RSS-TP44- D14-S-O
Volatiles (ppb)										
1,1-Dichloroethane	1,000	UG/KG	12.00 U	11.00 U	12.00 U	13.00 U	500.00 J	11.00 U	11.00 U	12.00 U
1,2-Dichloroethene (Total)	1,000	UG/KG	12.00 U	11.00 U	23.00	13.00 U	1,900.00	11.00 U	11.00 U	12.00 U
Acetone	1,000	UG/KG	7.00 J	11.00 U	12.00 U	13.00 U	1,400.00 U	11.00 U	11.00 U	12.00 U
Methylene chloride	1,000	UG/KG	12.00 U	11.00 U	4.00 J	13.00 U	1,400.00 U	4.00 J	11.00 U	12.00 U
Trichloroethene	1,000	UG/KG	4.00 J	6.00 J	52.00	6.00 J	310,000.00	7.00 J	12.00	2.00 J
Total VOCs (ppb)	10,000	UG/KG	11.00	6.00	75.00	6.00	312,400	11.00	12.00	2.00

(1) Source is Site Specific Cleanup Levels (SSCLs)
 NA = Parameter not analyzed

Table 11A
Area of Concern No. 2
Soil Probe, Test Pit and Groundwater Sample
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SP49-D48-S-O	RSS-SP50-D46-S-O	RSS-SP52-D48-S-O	RSS-SP57-D04-S-O	RSS-SP59-D48-S-O	RSS-SP60-D48-S-O	RSS-SP62-D48-S-O	RSS-TP37-D23-S-O	RSS-TP38-D23-S-O	REGULATORY VALUE ⁽³⁾	UNITS	RSS-MW07F-GW-RS
Volatiles (ppb)														
1,1,1-Trichloroethane	800	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
1,1,2,2-Tetrachloroethane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
1,1,2-Trichloroethane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
1,1-Dichloroethane	200	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
1,1-Dichloroethane	400	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	12.00 J
1,2-Dichloroethane	100	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
1,2-Dichloroethane (Total) ⁽²⁾	300	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	21,000.00	12.00 U	13.00 U	13.00 U	5	UG/L	2,000.00
1,2-Dichloropropane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
2-Butanone	300	UG/KG	11.00 U	12.00 U	13.00 U	11.00 J	12.00 U	12.00 U	9.00 J	6.00 J	13.00 U	50	UG/L	50.00 U
2-Hexanone	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	50	UG/L	50.00 U
4-Methyl-2-pentanone	1,000	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	-	UG/L	50.00 U
Acetone	200	UG/KG	18.00	10.00 J	13.00 U	53.00	15.00	16.00	42.00	32.00	20.00	50	UG/L	50.00 U
Benzene	60	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	1	UG/L	8.00 J
Bromochloromethane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	50	UG/L	50.00 U
Bromoforn	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	50	UG/L	50.00 U
Bromomethane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Carbon Disulfide	2,700	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Carbon Tetrachloride	600	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	60	UG/L	50.00 U
Chlorobenzene	1,700	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Chloroethane	1,900	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Chloroform	300	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Chloromethane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
cis-1,3-Dichloropropene	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Dibromochloromethane	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	50	UG/L	50.00 U
Ethylbenzene	5,500	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Methylene chloride	100	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Styrene	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Tetrachloroethene	1,400	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Toluene	1,500	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	2.00 J	13.00 U	13.00 U	5	UG/L	50.00 U
Total Xylenes	1,200	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
trans-1,3-Dichloropropene	-	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	12.00 U	12.00 U	13.00 U	13.00 U	5	UG/L	50.00 U
Trichloroethene	700	UG/KG	2.00 J	22.00 U	32.00 U	12.00 U	2.00 J	13.00	12.00 U	8.00 J	13.00 U	5	UG/L	39.00 J
Vinyl chloride	200	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U	2,200.00	12.00 U	13.00 U	4.00 J	2	UG/L	780.00
Total VOCs (ppb)	10,000	UG/KG	20.00	43.00	50.00	64.00	17.00	23,306.00	53.00	46.00	24.00			
Semi-Volatiles (ppb)														
1,2,4-Trichlorobenzene	3,400	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
1,2-Dichlorobenzene	7,900	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
1,3-Dichlorobenzene	1,600	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
1,4-Dichlorobenzene	8,500	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2,2'-Oxybis(1-Chloropropane)	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	5,300.00 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	100	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2,4,6-Trichlorophenol	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2,4-Dichlorophenol	400	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2,4-Dimethylphenol	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2,4-Dinitrophenol	200	UG/KG	NA	NA	NA	NA	NA	NA	NA	5,300.00 U	NA	NA	NA	NA
2,4-Dinitrotoluene	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2,6-Dinitrotoluene	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2-Chloronaphthalene	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,300.00 U	NA	NA	NA	NA
2-Chloronaphthalene	800	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2-Methyl-naphthalene	36,400	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2-Methylphenol	100	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
2-Nitroaniline	430	UG/KG	NA	NA	NA	NA	NA	NA	NA	5,300.00 U	NA	NA	NA	NA
2-Nitrophenol	330	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
3,3-Dichlorobenzidine	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,300.00 U	NA	NA	NA	NA
3-Nitroaniline	500	UG/KG	NA	NA	NA	NA	NA	NA	NA	5,300.00 U	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	7,300.00 U	NA	NA	NA	NA
4-Bromophenyl phenyl ether	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
4-Chloro-3-methylphenol	240	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
4-Chloroaniline	220	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
4-Methylphenol	900	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA
4-Nitroaniline	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	5,300.00 U	NA	NA	NA	NA
4-Nitrophenol	100	UG/KG	NA	NA	NA	NA	NA	NA	NA	7,400.00 U	NA	NA	NA	NA
Acenaphthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Regulatory Value for 1,2-Dichloroethene (Total) is determined using 1,2-Dichloroethene (trans)
(3) Source is NYS Ambient Water Quality Standards (June 1998).
NA = Parameter not analyzed

Table 11A
Area of Concern No. 2
Soil Probe, Test Pit and Groundwater Sample
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SP49-D48-S-O						RSS-TP37-D23-S-O		RSS-TP38-D23-S-O		REGULATORY VALUE ⁽³⁾	UNITS	RSS-MW07/F-GW
			RSS-SP49-D48-S-O	RSS-SP50-D46-S-O	RSS-SP52-D48-S-O	RSS-SP57-D04-S-O	RSS-SP59-D48-S-O	RSS-SP60-D48-S-O	RSS-SP62-D48-S-O	RSS-TP37-D23-S-O	RSS-TP38-D23-S-O				
Semi-Volatiles (ppb) continued															
Acenaphthylene	41,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Anthracene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Benzol(a)anthracene	224	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Benzol(a)pyrene	61	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Benzol(b)fluoranthene	1,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Benzol(k)fluoranthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	3,000.00 U	NA	NA	NA	NA	
Benzol(k)fluoranthene	1,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Bis(2-chloroethoxy) methane	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Bis(2-chloroethyl) ether	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Bis(2-ethylhexyl) phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Butyl benzyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Carbazole	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Chrysene	400	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Dibenzol(a,h)anthracene	14	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Dibenzofuran	6,200	UG/KG	NA	NA	NA	NA	NA	NA	NA	3,000.00 U	NA	NA	NA	NA	
Diethyl phthalate	7,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Dimethyl phthalate	2,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
D-n-butyl phthalate	8,100	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Di-n-octyl phthalate	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Fluoranthene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	5,900.00 U	NA	NA	NA	NA	
Fluorene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	4,400.00 U	NA	NA	NA	NA	
Hexachlorobenzene	410	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Hexachlorobutadiene	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Hexachlorocyclopentadiene	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Hexachloroethane	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,600.00 U	NA	NA	NA	NA	
Indenol 1,2,3-cd)pyrene	3,200	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,700.00 U	NA	NA	NA	NA	
Isophorone	4,400	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Naphthalene	13,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Nitrobenzene	200	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
N-Nitroso-Di-n-propylamine	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
N-Nitrosodiphenylamine	-	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Pentachlorophenol	1,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	9,100.00 U	NA	NA	NA	NA	
Phenanthrene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	3,500.00 U	NA	NA	NA	NA	
Phenol	30	UG/KG	NA	NA	NA	NA	NA	NA	NA	2,200.00 U	NA	NA	NA	NA	
Pyrene	50,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	3,900.00 U	NA	NA	NA	NA	
Total SVOCs (ppb)	500,000	UG/KG	NA	NA	NA	NA	NA	NA	NA	14,000.00	NA	NA	NA	NA	
TCLP VOCs (ppb)	700	UG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	500	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
1,2-Dichloroethane	200,000	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
2-Butanone	500	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
Benzene	500	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
Carbon Tetrachloride	100,000	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
Chlorobenzene	6,000	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
Chloroform	700	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
Tetrachloroethene	500	UG/L	NA	NA	NA	NA	NA	NA	NA	100.00 U	NA	NA	NA	NA	
Trichloroethene	200	UG/L	NA	NA	NA	NA	NA	NA	NA	86.00 U	NA	NA	NA	NA	
Vinyl chloride															

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Regulatory Value for 1,2-Dichloroethene (Total) is determined using 1,2-Dichloroethene (trans)
(3) Source is NYS Ambient Water Quality Standards (June 1998).
NA = Parameter not analyzed

Table 11B
Area of Concern No. 2
Soil Probe, Test Pit and Groundwater Sample
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-SP49- D48-S-O	RSS-SP50- D46-S-O	RSS-SP52- D48-S-O	RSS-SP57- D04-S-O	RSS-SP59- D48-S-O
Volatiles (ppb)							
1,1-Dichloroethene	1,000	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U
1,2-Dichloroethene (Total)	1,000	UG/KG	11.00 U	6.00 J	9.00 J	12.00 U	12.00 U
2-Butanone	1,000	UG/KG	11.00 U	12.00 U	13.00 U	11.00 J	12.00 U
Acetone	1,000	UG/KG	18.00	10.00 J	13.00 U	53.00	15.00
Benzene	1,000	UG/KG	11.00 U	12.00 U	2.00 J	12.00 U	12.00 U
Methylene chloride	1,000	UG/KG	11.00 U	5.00 J	5.00 J	12.00 U	12.00 U
Styrene	1,000	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U
Toluene	1,000	UG/KG	11.00 U	12.00 U	2.00 J	12.00 U	12.00 U
Trichloroethene	1,000	UG/KG	2.00 J	22.00	32.00	12.00 U	2.00 J
Vinyl chloride	1,000	UG/KG	11.00 U	12.00 U	13.00 U	12.00 U	12.00 U
Total VOCs (ppb)	10,000	UG/KG	20.00	43.00	50.00	64.00	17.00
Semi-Volatiles (ppb)							
Chrysene	10,000	UG/KG	NA	NA	NA	NA	NA
Fluoranthene	50,000	UG/KG	NA	NA	NA	NA	NA
Phenanthrene	50,000	UG/KG	NA	NA	NA	NA	NA
Pyrene	50,000	UG/KG	NA	NA	NA	NA	NA
Total SVOCs (ppb)	500,000	UG/KG	NA	NA	NA	NA	NA
Total cPAHs (ppb)	10,000	UG/KG	NA	NA	NA	NA	NA

(1) Source is Site Specific Cleanup Levels (SSCLs)
NA = Parameter not analyzed

Table 11B
Area of Concern No. 2
Soil Probe, Test Pit and Groundwater Sample
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-SP60- D48-S-O	RSS-SP62- D48-S-O	RSS-TP37- D23-S-O	RSS-TP38- D23-S-O
Volatiles (ppb)						
1,1-Dichloroethene	1,000	UG/KG	77.00	12.00 U	13.00 U	13.00 U
1,2-Dichloroethene (Total)	1,000	UG/KG	21,000.00	12.00 U	13.00 U	13.00 U
2-Butanone	1,000	UG/KG	12.00 U	9.00 J	6.00 J	13.00 U
Acetone	1,000	UG/KG	16.00	42.00	32.00	20.00
Benzene	1,000	UG/KG	12.00 U	12.00 U	13.00 U	13.00 U
Methylene chloride	1,000	UG/KG	12.00 U	12.00 U	13.00 U	13.00 U
Styrene	1,000	UG/KG	12.00 U	12.00 U	13.00 U	13.00 U
Toluene	1,000	UG/KG	12.00 U	2.00 J	13.00 U	13.00 U
Trichloroethene	1,000	UG/KG	13.00	12.00 U	8.00 J	13.00 U
Vinyl chloride	1,000	UG/KG	2,200.00	12.00 U	13.00 U	4.00 J
Total VOCs (ppb)	10,000	UG/KG	23,306.00	53.00	46.00	24.00
Semi-Volatiles (ppb)						
Chrysene	10,000	UG/KG	NA	NA	2,200.00	NA
Fluoranthene	50,000	UG/KG	NA	NA	4,400.00	NA
Phenanthrene	50,000	UG/KG	NA	NA	3,500.00	NA
Pyrene	50,000	UG/KG	NA	NA	3,900.00	NA
Total SVOCs (ppb)	500,000	UG/KG	NA	NA	14,000.00	NA
Total cPAHs (ppb)	10,000	UG/KG	NA	NA	2.20	NA

(1) Source is Site Specific Cleanup Levels (SSCLs)
NA = Parameter not analyzed

Table 12A
Area of Concern No. 3
Elevated Metals in Surface Soils in Former Baghouse Areas
Former Roblin Steel Site SIF
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS23-S-O	RSS-SS24-S-O	RSS-SS25-S-O	RSS-SS25-D12-S-O	RSS-SS26-S-O	RSS-SS26-D12-S-O	RSS-SS26-S-O	RSS-SS27-S-O	RSS-SS28-S-O	RSS-SS28-D12-S-O	RSS-SS28-S-O	RSS-SS29-S-O	RSS-SS30-S-O	RSS-SS39-S-O	RSS-SS40-S-O	RSS-SS41-S-O	RSS-SS41-D12-S-O	RSS-SS42-S-O	RSS-SS42-D12-S-O	RSS-SS43-S-O	RSS-SS43-D12-S-O
TAL - Metals (ppm)																							
Aluminum (2)	10,800	MG/KG	6,730.00 J	16,800.00 J	8,840.00 J	10,200.00	10,600.00 J	13,300.00	16,200.00 J	6,630.00 J	8,480.00	8,480.00	22,200.00 J	18,400.00 J	16,200.00 J	19,100.00 J	10,200.00 J	7,110.00	12,200.00 J	25,200.00	6,870.00 J	8,660.00	
Antimony (2)	0.94	MG/KG	0.64 UJ	3.40 JB	4.20 JB	0.72 JB	10.40 J	0.71 JB	3.30 JB	24.30 J	1.60 JB	1.60 JB	2.40 JB	0.63 UJ	8.30 J	6.80 JB	11.80 J	2.00 JB	5.30 JB	1.70 JB	9.00 J	8.00 J	
Arsenic (2)	12.70	MG/KG	6.20	8.80	11.70	12.50	20.20	7.70	6.30	28.90	9.40	9.40	6.60	10.20	5.60	8.60	21.30	7.80	16.60	4.60	18.90	36.00	
Barium (2)	300	MG/KG	109.00 J	309.00 J	145.00 J	85.20	376.00 J	137.00	344.00 J	418.00 J	108.00	108.00	288.00 J	226.00 J	313.00 J	189.00 J	151.00 J	86.20	115.00	244.00	203.00 J	180.00	
Beryllium (2)	0.56	MG/KG	0.36 JB	2.50 J	1.10 J	0.64	1.60 J	1.90	3.20 J	0.78 J	0.43 B	0.43 B	4.50 J	3.60 J	1.80 J	3.90 J	1.80 J	0.38 B	2.50 J	5.00	1.00 J	4.30	
Cadmium	1.00	MG/KG	2.30 J	10.90 J	31.00 J	1.70 J	72.00 J	3.00 J	6.40 J	99.50 J	8.30 J	8.30 J	9.70 J	3.20 J	5.50 J	18.00 J	85.70 J	6.80 J	17.40 J	17.40 J	4.30 J	40.40 J	33.10 J
Calcium (2)	3,000	MG/KG	4,000.00	100,000.00	46,400.00	3,190.00	78,100.00	73,100.00	131,000.00	50,900.00	8,280.00	8,280.00	156,000.00	123,000.00	45,500.00	137,000.00	64,700.00	8,080.00	78,100.00	163,000.00	76,500.00	97,100.00 B	343.00
Chromium (2)	29.40	MG/KG	51.60	210.00	223.00	27.20	485.00	26.40	252.00	1,040.00	90.40	90.40	130.00	145.00	66.10	194.00	550.00	63.50	363.00	78,100.00	101.00	458.00	382.00 J
Copper	7.10 J	MG/KG	63.40 J	372.00 J	205.00 J	49.90	406.00 J	6.40 J	37.10	146.00 J	11.60 J	70.70 J	89.70 J	144.00 J	73.70 J	162.00 J	510.00 J	6.10 J	227.00 J	55.50	3.10 JB	8.40 J	
Iron (2)	26.300	MG/KG	33,200.00 J	109,000.00 J	73,500.00 J	30,800.00	140,000.00 J	19,800.00	122,000.00 J	266,000.00 J	36,200.00	36,200.00	53,700.00 J	148,000.00 J	25,700.00 J	88,700.00 J	160,000.00 J	67.80	27,900.00	148,000.00 J	31,600.00	163,000.00 J	128,000.00
Lead (2)	188	MG/KG	166.00 J	466.00 J	1,460.00 J	89.20	3,670.00 J	131.00	2,900.00 J	4,190.00 J	317.00	317.00	455.00 J	27,000.00 J	566.00 J	26,800.00 J	3,900.00 J	598.00	653.00 J	18,400.00 J	41,700.00	1,200.00 E	
Magnesium (2)	2,890	MG/KG	3,050.00	21,800.00 J	11,460.00 E	3,860.00	20,300.00 J	14,000.00	35,200.00 J	23,400.00 J	4,840.00	4,840.00	34,600.00 J	3,700.00 J	20,800.00 J	26,800.00 J	18,600.00 J	5,210.00	18,400.00 J	18,400.00 J	10,600.00 J	13,000.00	
Manganese (2)	430	MG/KG	1,080.00	5,430.00	7,590.00	664.00	18,300.00	1,960.00	5,600.00	31,700.00	2,130.00	2,130.00	5,030.00	3,700.00 J	7,670.00	5,860.00	18,200.00	2,750.00	5,690.00	5,690.00	3,570.00	11,800.00	8,510.00
Mercury	0.1	MG/KG	0.07 J	0.53 J	0.68 J	0.04 JB	0.60 J	0.11 J	0.16 J	0.92 J	0.10 J	0.10 J	0.14 J	0.06 J	0.19 J	0.63 J	1.80 J	0.06 J	0.46 J	0.46 J	0.08 J	0.45 J	
Nickel (2)	27.30	MG/KG	33.60 J	89.30 J	69.60 J	37.20 J	93.20 J	24.00 J	122.00 J	173.00 J	29.60 J	29.60 J	48.40 J	80.10 J	26.80 J	84.90 J	144.00 J	24.80 J	206.00 J	39.40 J	219.00 J	137.00 J	
Potassium (2)	1.100	MG/KG	696.00	2,630.00	769.00	1,110.00	669.00	1,640.00	1,130.00	301.00 B	652.00	652.00	1,670.00	1,380.00	1,320.00	1,600.00	581.00 B	644.00	771.00	771.00	491.00 B	580.00 B	
Selenium	2	MG/KG	1.20	2.50	3.40	0.75	6.80	1.30	1.80	10.00	0.57 U	0.57 U	2.30	1.70	3.20	2.90	8.30	1.60	2.90	2.40	2.60	4.10	2.20
Silver (2)	0.14	MG/KG	0.06 U	0.97 B	3.10	0.33 JB	9.50	0.24 JB	0.59 B	12.70	0.97 JN	0.97 JN	0.66 B	0.06 U	0.29 B	1.80	10.60	0.81 JB	2.40	0.56 JB	6.00	4.70 J	
Sodium (2)	111	MG/KG	159.00 B	980.00	1,800.00	109.00 JB	4,390.00	436.00 JB	945.00	10,500.00	300.00 JB	300.00 JB	1,230.00	768.00	938.00	1,930.00	6,680.00	664.00 J	2,150.00	2,150.00	5,760.00	4,160.00 J	
Vanadium (2)	150	MG/KG	0.46 U	0.48 U	0.47 U	0.64 U	0.46 U	0.59 U	0.45 U	0.54 U	0.60 U	0.60 U	0.46 U	0.46 U	0.50 U	0.48 U	0.46 U	0.60 U	0.43 U	0.59 U	0.48 U	0.66 U	
Zinc (2)	274	MG/KG	11.60 J	22.90 J	34.30 J	16.30	27.40 J	12.90	18.80 J	46.20 J	15.00	15.00	13.40 J	18.40 J	14.90 J	12.40 J	18.90 J	13.30	11.70 J	11.70 J	17.20 J	14.90	
Leachable pH																							
TCLP Metals (ppb)																							
Arsenic - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	3.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium - Total	100,000	UG/L	NA	NA	NA	NA	NA	NA	NA	366.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium - Total	1,000	UG/L	NA	NA	NA	NA	NA	NA	NA	417.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	75.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	1,090.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury - Total	200	UG/L	NA	NA	NA	NA	NA	NA	NA	0.16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium - Total	1,000	UG/L	NA	NA	NA	NA	NA	NA	NA	5.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Silver - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SPL Metals (ppb)																							
Arsenic - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	3.00 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium - Total	100,000	UG/L	NA	NA	NA	NA	NA	NA	NA	366.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	79.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	230.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury - Total	200	UG/L	NA	NA	NA	NA	NA	NA	NA	0.16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium - Total	1,000	UG/L	NA	NA	NA	NA	NA	NA	NA	8.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Silver - Total	5,000	UG/L	NA	NA	NA	NA	NA	NA	NA	2.20 BN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
pH										6.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

(1) Source is NYSDEC TAGM (HWR-94-4046)
(2) Regulatory Value is Site Background
NA = Parameter not analyzed

Table 12B
Area of Concern No. 3
Lead and Chromium in Surface Soils in Former Baghouse Areas
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-SS23-S-O	RSS-SS24-S-O	RSS-SS25-S-O	RSS-SS25-D12-S-O	RSS-SS25-D12-S-O	RSS-SS26-S-O	RSS-SS26-D12-S-O	RSS-SS26-D12-S-O	RSS-SS27-S-O	RSS-SS28-S-O	RSS-SS28-D12-S-O	RSS-SS29-S-O	RSS-SS30-S-O	RSS-SS39-S-O	RSS-SS40-S-O	RSS-SS41-S-O	RSS-SS41-D12-S-O	RSS-SS41-D12-S-O	RSS-SS42-S-O	RSS-SS42-D12-S-O	RSS-SS43-S-O	RSS-SS43-D12-S-O
TAL - Metals (ppm)																								
Arsenic	50.00	MG/KG	6.20	8.80	11.70	12.50	20.20	7.70	6.30	28.90	9.40	6.60	10.20	5.60	8.60	21.30	7.80	16.60	4.60	18.90	36.00			
Barium	1,000	MG/KG	109.00 J	309.00 J	145.00 J	85.20	376.00 J	137.00	344.00 J	418.00 J	108.00	288.00 J	226.00 J	313.00 J	189.00 J	151.00 J	86.20	115.00 J	244.00	203.00 J	180.00			
Beryllium	5.00	MG/KG	0.36 JB	2.50 J	1.10 J	0.64	1.60 J	1.90	3.20 J	0.78 J	0.43 B	4.50 J	3.60 J	1.80 J	3.90 J	1.80 J	0.39 B	2.50 J	5.00	1.00 J	1.30			
Cadmium	20.00	MG/KG	2.30 J	10.90 J	31.00 J	1.70 J	72.00 J	3.00 J	6.40 J	99.50 J	8.30 J	9.70 J	3.20 J	5.50 J	16.00 J	85.70 J	6.80 J	17.40 J	4.30 J	40.40 J	33.10 J			
Chromium	1,000.00	MG/KG	51.60	210.00	223.00	27.20	26.40	26.40	252.00	1,040.00	90.40	130.00	145.00	66.10	194.00	550.00	63.50	363.00	101.00	458.00	343.00			
Copper	250.00	MG/KG	63.40 J	372.00 J	205.00 J	49.90	406.00 J	37.10	146.00 J	686.00 J	70.70	89.70 J	144.00 J	73.70 J	162.00 J	510.00 J	67.80	277.00 J	55.50	382.00 J	271.00			
Lead	1,000	MG/KG	166.00 J	486.00 J	1,460.00 J	89.20	3,670.00 J	131.00	290.00 J	4,190.00 J	377.00	435.00 J	169.00 J	566.00 J	679.00 J	3,900.00 J	598.00	653.00 J	176.00	1,570.00 J	1,200.00			
Selenium	50	MG/KG	1.20	2.50	3.40	0.75	6.80	1.30	1.80	10.00	0.57 U	2.30	1.70	3.20	2.90	8.30	1.60	2.90	2.60	4.10	2.20			
Silver	10.00	MG/KG	0.06 U	0.97 B	3.10	0.33 JB	9.50	0.24 JB	0.59 B	12.70	0.97 JB	0.66 B	0.06 U	0.29 B	1.80	10.60	0.81 JB	2.40	0.56 JB	6.00	4.70			
Zinc	85,000	MG/KG	2,300.00	12,500.00	30,400.00	1,480.00	71,700.00	1,930.00	8,570.00	178,000.00	5,000.00	11,200.00	3,800.00	6,630.00	27,000.00	120,000.00	11,700.00	34,200.00	7,270.00	106,000.00	76,200.00 J			
Leachable pH	-	S.U.	7.62	7.99	7.95	7.44	8.66	7.73	8.79	8.55	7.74	8.66	8.98	7.86	8.60	8.54	7.65	8.60	8.38	11.10	8.89			

(1) Source is Site Specific Cleanup Levels (SSCLs)
 NA = Parameter not analyzed

Table 13A
Area of Concern No. 4
Polycyclic Aromatic Hydrocarbons (PAHs) in
Surface Soils
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS31-S-O	RSS-SS32-S-O	RSS-SS33-S-O	RSS-SS34-S-O	RSS-SS35-S-O	RSS-SS36-S-O	RSS-SS37-S-O	RSS-SS38-S-O	RSS-SS38-D12-S-O	RSS-SS39-S-O	RSS-SS40-S-O	RSS-SS41-S-O	RSS-SS42-S-O	RSS-SS43-S-O	Surface Soil Rinsate Blank
Semi-Volatiles (ppb)																	
2-Methylnaphthalene	36,400	UG/KG	1,900.00 U	1,800.00 U	11,000.00	27,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U	10.00 U
Acenaphthene	50,000	UG/KG	1,900.00 U	1,800.00 U	37,000.00	54,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U	10.00 U
Anthracene	50,000	UG/KG	1,900.00 U	1,800.00 U	62,000.00	83,000.00	2,000.00 U	15,000.00 U	1,800.00 U	22,000.00	1,500.00 J	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U	10.00 U
Benz(a)anthracene	224	UG/KG	1,900.00 U	1,800.00 U	200,000.00	120,000.00	2,000.00 U	23,000.00	1,800.00 U	46,000.00	3,100.00	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U	10.00 U
Benz(a)pyrene	61	UG/KG	1,900.00 U	1,400.00 J	160,000.00	100,000.00	1,800.00 J	22,000.00	1,800.00 U	39,000.00	2,500.00	1,800.00 J	1,800.00 U	2,000.00 U	1,800.00 U	2,200.00 J	10.00 U
Benz(b)fluoranthene	1,100	UG/KG	1,900.00 U	1,800.00 U	140,000.00	90,000.00	2,100.00 U	20,000.00	1,800.00 U	49,000.00	2,700.00	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	3,300.00	10.00 U
Benz(k)fluoranthene	1,100	UG/KG	1,900.00 U	1,800.00 U	37,000.00	48,000.00	2,000.00 U	21,000.00	1,800.00 U	25,000.00	2,000.00	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00	10.00 U
Carbazole	-	UG/KG	1,900.00 U	1,800.00 U	44,000.00	46,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00	10.00 U
Chrysene	400	UG/KG	1,900.00 U	1,600.00 J	170,000.00	95,000.00	2,000.00 U	21,000.00	1,800.00 U	40,000.00	2,700.00	1,900.00 J	1,800.00 U	2,000.00 U	1,800.00 U	2,600.00	10.00 U
Dibenzofuran	6,200	UG/KG	1,900.00 U	1,800.00 U	28,000.00	42,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00	10.00 U
Di-n-octyl phthalate	50,000	UG/KG	5,200.00 U	4,800.00 U	28,000.00	40,000.00	5,400.00 U	40,000.00 U	4,800.00 U	26,000.00 U	5,100.00 U	5,900.00 U	5,000.00 U	5,500.00 U	4,900.00 U	6,200.00	2.00 J
Fluorene	50,000	UG/KG	2,100.00	1,800.00 U	41,000.00	57,000.00	4,300.00	15,000.00 U	1,700.00 J	88,000.00 J	5,900.00	4,600.00	1,700.00 J	2,900.00	1,800.00 U	4,600.00	10.00 U
Fluoranthene	50,000	UG/KG	2,100.00	1,800.00 U	40,000.00	180,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00	10.00 U
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	2,400.00 U	2,200.00 U	13,000.00	30,000.00	2,400.00 U	18,000.00 U	2,200.00 U	12,000.00 U	2,300.00	2,700.00 U	2,300.00 U	2,500.00 U	2,200.00 U	2,800.00	10.00 U
Naphthalene	13,000	UG/KG	1,900.00 U	2,200.00 U	27,000.00	72,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00	10.00 U
Phenanthrene	50,000	UG/KG	1,400.00 J	2,300.00	320,000.00	190,000.00	2,400.00	31,000.00	1,800.00 U	48,000.00	4,500.00	3,100.00	1,800.00 U	1,600.00 J	1,800.00 U	1,800.00 J	10.00 U
Pyrene	50,000	UG/KG	1,700.00 J	2,700.00 J	300,000.00	140,000.00	2,700.00	30,000.00	1,800.00 U	56,000.00	4,100.00	2,900.00	1,800.00 U	1,900.00 J	1,800.00 U	3,200.00	10.00 U
Total SVOCs (ppb)	500,000	UG/KG	5,200.00	11,200.00	1,977,000	1,374,000	15,300.00	213,000.00	1,700.00	413,000.00	33,100.00	14,500.00	1,700.00	6,400.00	0.00	20,000.00	
TCIP Semi-Volatiles (ppb)																	
1,4-Dichlorobenzene	7,500	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	400,000	UG/L	NA	NA	NA	200.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	2,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	130	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	200,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol	200,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	200,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	130	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	500	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	3,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	2,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	100,000	UG/L	NA	NA	NA	200.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	5,000	UG/L	NA	NA	NA	800.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLP Semi-Volatiles (ppb)																	
1,4-Dichlorobenzene	7,500	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	400,000	UG/L	NA	NA	NA	200.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	2,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	130	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	200,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol	200,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	200,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	130	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	500	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	3,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	2,000	UG/L	NA	NA	NA	80.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	100,000	UG/L	NA	NA	NA	200.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	5,000	UG/L	NA	NA	NA	800.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(1) Source is NYSDEC TAGM (HWR-94-4046)
 NA = Parameter not analyzed

Table 13B
Area of Concern No. 4
Polycyclic Aromatic Hydrocarbons (PAHs) in
Surface Soils
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	SSCL ⁽¹⁾	UNITS	RSS-SS31-S-O	RSS-SS32-S-O	RSS-SS33-S-O	RSS-SS34-S-O	RSS-SS35-S-O	RSS-SS36-S-O	RSS-SS37-S-O	RSS-SS38-S-O	RSS-SS38-D12-S-O	RSS-SS39-S-O	RSS-SS40-S-O	RSS-SS41-S-O	RSS-SS42-S-O	RSS-SS43-S-O
Semi-Volatiles (ppb)																
2-Methylnaphthalene	50,000	UG/KG	1,900.00 U	1,800.00 U	11,000.00	27,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Acenaphthene	50,000	UG/KG	1,900.00 U	1,800.00 U	37,000.00	54,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Anthracene	50,000	UG/KG	1,900.00 U	1,800.00 U	62,000.00	83,000.00	2,000.00 U	15,000.00 U	1,800.00 U	22,000.00	1,500.00 J	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Benzol(a)anthracene	10,000	UG/KG	1,900.00 U	1,800.00 U	200,000.00	120,000.00	2,000.00 U	23,000.00	1,800.00 U	46,000.00	3,100.00	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Benzol(a)pyrene	10,000	UG/KG	1,900.00 U	1,400.00 J	160,000.00	100,000.00	1,800.00 J	22,000.00	1,800.00 U	39,000.00	2,500.00	1,800.00 J	1,800.00 U	2,000.00 U	1,800.00 U	2,200.00 J
Benzol(b)fluoranthene	10,000	UG/KG	1,900.00 U	1,800.00 U	140,000.00	90,000.00	2,100.00	20,000.00	1,800.00 U	49,000.00	2,700.00	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	3,300.00
Benzol(k)fluoranthene	10,000	UG/KG	1,900.00 U	1,800.00 U	37,000.00	48,000.00	2,000.00 U	21,000.00	1,800.00 U	25,000.00	2,000.00	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00
Carbazole	50,000	UG/KG	1,900.00 U	1,800.00 U	44,000.00	46,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Chrysene	10,000	UG/KG	1,900.00 U	1,600.00 J	170,000.00	95,000.00	2,000.00	21,000.00	1,800.00 U	40,000.00	2,700.00	1,900.00 J	1,800.00 U	2,000.00 U	1,800.00 U	2,600.00
Dibenzofuran	50,000	UG/KG	1,900.00 U	1,800.00 U	28,000.00	42,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Di-n-octyl phthalate	50,000	UG/KG	5,200.00 U	4,800.00 U	28,000.00 U	40,000.00 U	5,400.00 U	40,000.00 U	4,800.00 U	26,000.00 U	5,100.00 U	5,900.00 U	5,000.00 U	5,500.00 U	4,900.00 U	6,200.00 U
Fluoranthene	50,000	UG/KG	2,100.00	3,200.00	400,000.00	180,000.00	4,300.00	45,000.00	1,700.00 J	88,000.00 J	5,900.00	4,600.00	1,700.00 J	2,900.00	1,800.00 U	4,600.00
Fluorene	50,000	UG/KG	1,900.00 U	1,800.00 U	41,000.00	57,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Indeno(1,2,3-cd)pyrene	10,000	UG/KG	2,400.00 U	2,200.00 U	13,000.00 U	30,000.00	2,400.00 U	18,000.00 U	2,200.00 U	12,000.00 U	2,300.00 U	2,700.00 U	2,300.00 U	2,500.00 U	2,200.00 U	2,800.00 U
Naphthalene	50,000	UG/KG	1,900.00 U	1,800.00 U	27,000.00	72,000.00	2,000.00 U	15,000.00 U	1,800.00 U	9,800.00 U	1,900.00 U	2,200.00 U	1,800.00 U	2,000.00 U	1,800.00 U	2,300.00 U
Phenanthrene	50,000	UG/KG	1,400.00 J	2,300.00	320,000.00	190,000.00	2,400.00	31,000.00	1,800.00 U	48,000.00	4,500.00	3,100.00	1,800.00 U	1,600.00 J	1,800.00 U	1,800.00 J
Pyrene	50,000	UG/KG	1,700.00 J	2,700.00 J	300,000.00	140,000.00	2,700.00	30,000.00	1,800.00 U	56,000.00	4,100.00	2,900.00	1,800.00 U	1,900.00 J	1,800.00 U	3,200.00
Total SVOCs (ppb)	500,000	UG/KG	5,200.00	11,200.00	1,977,000	1,374,000	15,300.00	213,000.00	1,700.00	413,000.00	33,100.00	14,300.00	1,700.00	6,400.00	0.00	20,000.00
Total cPAHs (ppb)	10,000	UG/KG	ND	401.60	194,540	124,575	2,012.00	26,531.00	ND	48,790.00	3,102.70	1,801.90	ND	ND	ND	2,555.60

(1) Source is Site Specific Cleanup Levels (SSCLs)
 NA = Parameter not analyzed

Table 14
Area of Concern No. 5
Concrete Chip and Surface Soils Samples
collected from the Former Transformer Room Floor
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS09-CC-O
Aroclor 1260	5,000	UG/KG	1,900.00 U
Aroclor 1254	5,000	UG/KG	1,900.00 U
Aroclor 1221	5,000	UG/KG	36,000.00
Aroclor 1232	5,000	UG/KG	1,900.00 U
Aroclor 1248	5,000	UG/KG	4,800.00
Aroclor 1016	5,000	UG/KG	1,900.00 U
Aroclor 1242	5,000	UG/KG	1,900.00 U
Leachable pH	NA	S.U.	8.65

REGULATORY VALUE ⁽²⁾	UNITS	RSS-SS44-S-O	RSS-SS45-S-O	RSS-SS46-S-O	RSS-SS47-S-O
1,000	UG/KG	1,200.00 U	110.00 U	1,100.00 U	220.00
1,000	UG/KG	1,200.00 U	110.00 U	3,800.00	18.00 U
1,000	UG/KG	3,800.00	110.00 U	1,100.00 U	18.00 U
1,000	UG/KG	1,200.00 U	110.00 U	31,000.00	18.00 U
1,000	UG/KG	1,200.00 U	1,900.00	1,100.00 U	18.00 U
1,000	UG/KG	58,000.00	110.00 U	1,100.00 U	51.00
1,000	UG/KG	1,200.00 U	240.00	1,100.00 U	18.00 U
NA		7.98	8.00	8.15	8.51

(1) Source is Toxic Substances Control Act (TSCA)

(2) Source is NYSDEC TAGM (HWR-94-4046)

Table 15
Area of Concern No. 6
Soil/ Debris Piles North of the Existing Building
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SDP01-S-O	RSS-SDP02-S-O	RSS-SDP03-S-O	RSS-SDP04-S-O	RSS-SDP05-S-O
TCLP Metals (ppb)							
Arsenic - Total	5,000	UG/L	4.30 B	10.80	5.20 B	4.00 U	6.10 B
Barium - Total	100,000	UG/L	1,550.00	2,000.00	3,300.00	3,060.00	7,610.00
Cadmium - Total	1,000	UG/L	14.10	8.20	14.50	3.60 B	1.40 B
Chromium - Total	5,000	UG/L	9.10 B	56.70	241.00	7.00 B	7.40 B
Lead - Total	5,000	UG/L	231.00	393.00	266.00	36.60	17.30
Mercury - Total	200	UG/L	0.19 B	0.16 U	0.21 B	0.16 U	0.16 U
Selenium - Total	1,000	UG/L	4.00 U	4.00 U	4.00 U	4.00 U	4.00 U
Silver - Total	5,000	UG/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
TCLP Semi-Volatiles (ppb)							
1,4-Dichlorobenzene	7,500	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
2,4,5-Trichlorophenol	400,000	UG/L	200.00 U	200.00 U	200.00 U	200.00 U	200.00 U
2,4,6-Trichlorophenol	2,000	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
2,4-Dinitrotoluene	130	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
2-Methylphenol	200,000	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
3-Methylphenol	200,000	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
4-Methylphenol	200,000	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
Hexachlorobenzene	130	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
Hexachlorobutadiene	500	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
Hexachloroethane	3,000	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
Nitrobenzene	2,000	UG/L	80.00 U	80.00 U	80.00 U	80.00 U	80.00 U
Pentachlorophenol	100,000	UG/L	200.00 U	200.00 U	200.00 U	200.00 U	200.00 U
Pyridine	5,000	UG/L	800.00 U	800.00 U	800.00 U	800.00 U	800.00 U
Asbestos by PLM							
Asbestos	NA	%	0.00 U	0.00 U	0.00 U	0.00 U	0.00 U

(1) Source is 40 CFR Part 268 Land Disposal Restrictions
NA = Not Available

Table 16
Area of Concern No. 7
Sumps and Drains within the Existing Building
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SMP01- SLD-0	RSS-SMP06- SED-0
TCLP Metals (ppb)				
Arsenic - Total	5,000	UG/L	4.60 B	4.00 U
Barium - Total	100,000	UG/L	8,110.00	10,600.00
Cadmium - Total	1,000	UG/L	1.10 B	10.80
Chromium - Total	5,000	UG/L	10.10	3.50 B
Lead - Total	5,000	UG/L	303.00	326.00
Mercury - Total	200	UG/L	0.39	0.16 U
Selenium - Total	1,000	UG/L	12.20	4.00 U
Silver - Total	5,000	UG/L	0.50 U	0.50 U
TCLP Semi-Volatiles (ppb)				
1,4-Dichlorobenzene	7,500	UG/L	80.00 U	80.00 U
2,4,5-Trichlorophenol	400,000	UG/L	200.00 U	200.00 U
2,4,6-Trichlorophenol	2,000	UG/L	80.00 U	80.00 U
2,4-Dinitrotoluene	130	UG/L	80.00 U	80.00 U
2-Methylphenol	200,000	UG/L	80.00 U	80.00 U
3-Methylphenol	200,000	UG/L	80.00 U	80.00 U
4-Methylphenol	200,000	UG/L	80.00 U	80.00 U
Hexachlorobenzene	130	UG/L	80.00 U	80.00 U
Hexachlorobutadiene	500	UG/L	80.00 U	80.00 U
Hexachloroethane	3,000	UG/L	80.00 U	80.00 U
Nitrobenzene	2,000	UG/L	80.00 U	80.00 U
Pentachlorophenol	100,000	UG/L	200.00 U	200.00 U
Pyridine	5,000	UG/L	800.00 U	800.00 U
TCLP Pesticides (ppb)				
Chlordane	30	UG/L	2.00 U	2.00 U
Endrin	20	UG/L	0.40 U	0.40 U
gamma-BHC (Lindane)	400	UG/L	0.20 U	0.20 U
Heptachlor	8	UG/L	0.20 U	0.20 U
Heptachlor epoxide	8	UG/L	0.20 U	0.20 U
Methoxychlor	10,000	UG/L	2.00 U	2.00 U
Toxaphene	500	UG/L	4.00 U	4.00 U
PCBs (ppb)				
Aroclor 1260	10,000	UG/KG	120.00 U	140.00
Aroclor 1254	10,000	UG/KG	1,900.00	150.00
Aroclor 1221	10,000	UG/KG	120.00 U	22.00 U
Aroclor 1232	10,000	UG/KG	120.00 U	22.00 U
Aroclor 1248	10,000	UG/KG	120.00 U	22.00 U
Aroclor 1016	10,000	UG/KG	120.00 U	22.00 U
Aroclor 1242	10,000	UG/KG	120.00 U	22.00 U

(1) Source is 40 CFR Part 268 Land Disposal Restrictions; and for PCBs Source is NYSDEC TAGM (HWR-94-4046)
NA = Parameter not analyzed

Table 17
Area of Concern No. 8
Wooden Floor Blocks
Former Roblin Steel Site SIR
Supplemental Site Investigation (SSI)

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	RSS-SS48-WD-0	RSS-SS49-WD-0	RSS-SS50-WD-0
TCLP Metals (ppb)					
Arsenic - Total	5,000	UG/L	4.30 B	5.80 B	4.00 U
Barium - Total	100,000	UG/L	661.00	679.00	597.00
Cadmium - Total	1,000	UG/L	2.60 B	3.30 B	4.20 B
Chromium - Total	5,000	UG/L	19.60	6.50 B	7.20 B
Lead - Total	5,000	UG/L	166.00	108.00	46.40
Mercury - Total	200	UG/L	0.16 U	0.16 U	0.16 U
Selenium - Total	1,000	UG/L	4.00 U	4.00 U	4.10 B
Silver - Total	5,000	UG/L	0.50 U	0.50 U	0.50 U
TCLP Semi-Volatiles (ppb)					
1,4-Dichlorobenzene	7,500	UG/L	400.00 U	400.00 U	80.00 U
2,4,5-Trichlorophenol	400,000	UG/L	1,000.00 U	1,000.00 U	200.00 U
2,4,6-Trichlorophenol	2,000	UG/L	400.00 U	400.00 U	80.00 U
2,4-Dinitrotoluene	130	UG/L	400.00 U	400.00 U	80.00 U
2-Methylphenol	200,000	UG/L	400.00 U	87.00 J	80.00 U
3-Methylphenol	200,000	UG/L	400.00 U	230.00 J	80.00 U
4-Methylphenol	200,000	UG/L	400.00 U	230.00 J	80.00 U
Hexachlorobenzene	130	UG/L	400.00 U	400.00 U	80.00 U
Hexachlorobutadiene	500	UG/L	400.00 U	400.00 U	80.00 U
Hexachloroethane	3,000	UG/L	400.00 U	400.00 U	80.00 U
Nitrobenzene	2,000	UG/L	400.00 U	400.00 U	80.00 U
Pentachlorophenol	100,000	UG/L	1,000.00 U	1,000.00 U	200.00 U
Pyridine	5,000	UG/L	4,000.00 U	4,000.00 U	800.00 U
PCBs (ppb)					
Aroclor 1260	5,000	UG/KG	460.00	220.00	23.00 J
Aroclor 1254	5,000	UG/KG	120.00 U	22.00 U	26.00 U
Aroclor 1221	5,000	UG/KG	120.00 U	22.00 U	26.00 U
Aroclor 1232	5,000	UG/KG	120.00 U	22.00 U	26.00 U
Aroclor 1248	5,000	UG/KG	320.00	31.00	51.00
Aroclor 1016	5,000	UG/KG	120.00 U	22.00 U	26.00 U
Aroclor 1242	5,000	UG/KG	120.00 U	22.00 U	26.00 U

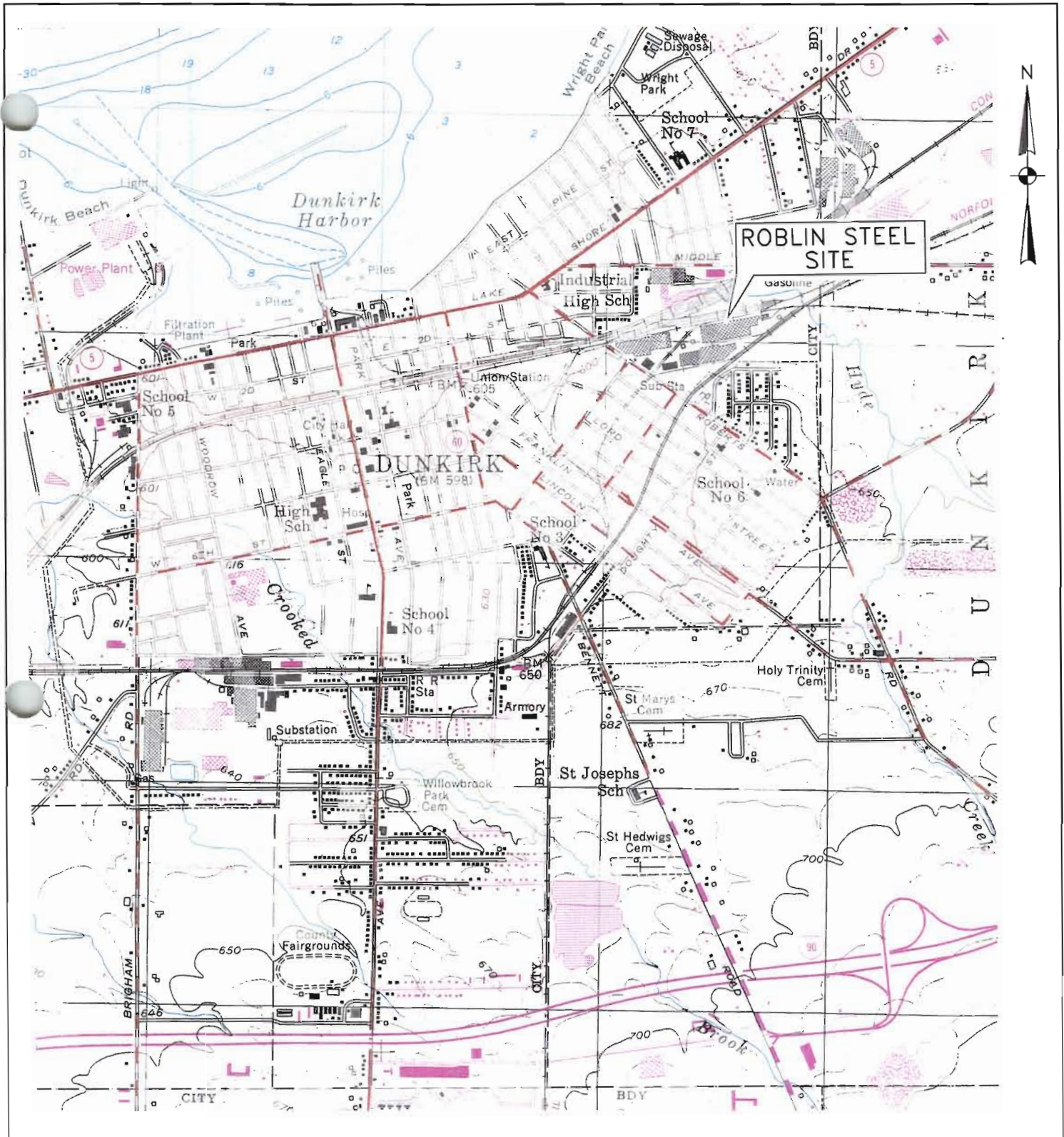
(1) Source is 40 CFR Part 268 Land Disposal Restrictions; and for PCBs Source is TSCA

**Table 18
Operable Unit Identification Table**

Operable Unit ID	Environmental Media	Samples Exceeding the SSCLs	Contaminates of Concern	Table(s) / Appendices	Location of Operable Unit
1	Subsurface soil/fill	TB12 & SP46	Solvents (VOCs)	2B & 10B	Adjacent to the southeast corner of the building.
2	Groundwater	All of the Monitoring Wells, except MW08, EX-MW10, & MW03	Solvents, & BTEX compounds (VOCs);	4	Site wide
		MW01, MW04, & MW06	SVOCs		
3A	Surface soil/fill	SS24-SS26, & SS28	Metals	12B	Former baghouse area north of the building on the west side of the site.
		SS04	Metals	3B	
3B	Surface soil/fill	SS41-SS43	Metals	12B	Former baghouse area northeast of the building
4	Surface soil/fill	SS11	TcPAHs	3B	Within the former Building No. 47 footprint and along the northern property line immediately south of the northern road.
		SS16, & SS17	Metals, PAHs, & TcPAHs		
		SS33, SS34 & SS36	PAHs & TcPAHs	13B	
	Subsurface soil/fill	SP60	Solvents (VOCs)	11B	
5	Concrete	SS05-C	PCBs	7	Former transformer room north of the building on the west side of the site
		SS09-C		14	
	Surface soil/fill	SS44 - SS46			
6	Soil/Debris Piles	SDP01-SDP05	TCLP testing did not indicate parameters above the Toxicity Characteristics Rule	15	North of the building within the former Building No. 47 and in the east corner of the site
7	Sediment in Sumps/Drains	SMP01	Metals, PAHs, TcPAHs, & PCBs	8B	Within the building along the north side
		SMP02-05	Metals & TcPAHs		
		SMP06	Metals, PAHs, & TcPAHs		
		SMP07-08	Metals, PAHs, TcPAHs, & VOCs		
8	Wooden Floor Blocks	SS48 - SS50	TCLP testing did not indicate parameters above the Toxicity Characteristics Rule	17	Various locations within the former Building No. 47 footprint
9	Subsurface soil/fill	TP Nos. 1-10, SP Nos. 1 & 2, and TB No. 12	Visual, Olfactory and PID evidence of petroleum contamination	TP, TB, & Logs in Appendices A - C	Former fuel oil tank farm in eastern most corner of the site.
10	Pipe to Hyde Creek	OF01	Metals & TcPAHs	8B	The flap-gate outfall at Hyde Creek northeast of the site.
11	Asbestos in the Building	Asbestos Survey	Asbestos Contain Building Materials	Appendix I	Interior and exterior building components
12	Potentially PCB-Containing Electrical Equipment	NA	Based on age of equipment it has the potential to contain PCBs	NA	The fluorescent and HID light fixtures with ballasts within the existing building.
13	Subsurface soil/fill	SP36	Metals & TcPAHs	2B	Inside the building on the northwest side within the former oil cellar
14	Surface soil/fill	SS38	PAHs & TcPAHs	13B	Adjacent to the east side of the former Building No. 47 footprint
		SS13, SS02 & SS03	Metals (Copper only)	3B	

- VOCs - Volatile Organic Compounds
- TcPAHs - Total carcinogenic polycyclic aromatic hydrocarbons
- PAHs - Polycyclic aromatic hydrocarbons
- PCBs - Polychlorinated Biphenyls
- SSCLs - Site Specific Cleanup Levels

FIGURES 1 - 17



SITE LOCATION MAP

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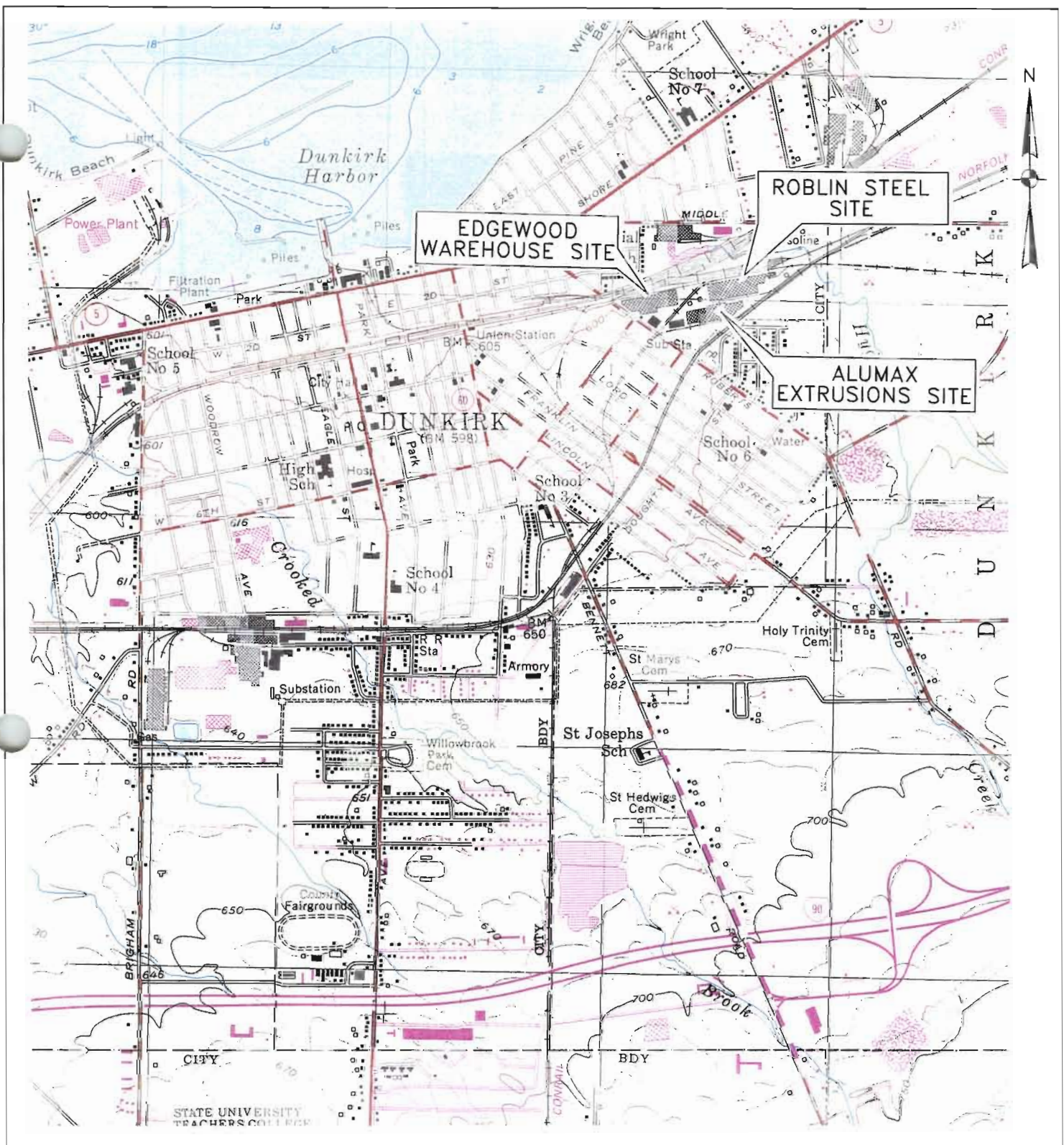
SITE INVESTIGATIONS/REMEDIAL
ALTERNATIVES REPORT
FORMER ROBLIN STEEL SITE
320 SOUTH ROBERTS ROAD
DUNKIRK, NEW YORK

PROJECT NO. 0020006

SCALE: 1" = 2000'

DATE: 11/13/02

FIGURE NO. 1



SITE LOCATION MAP

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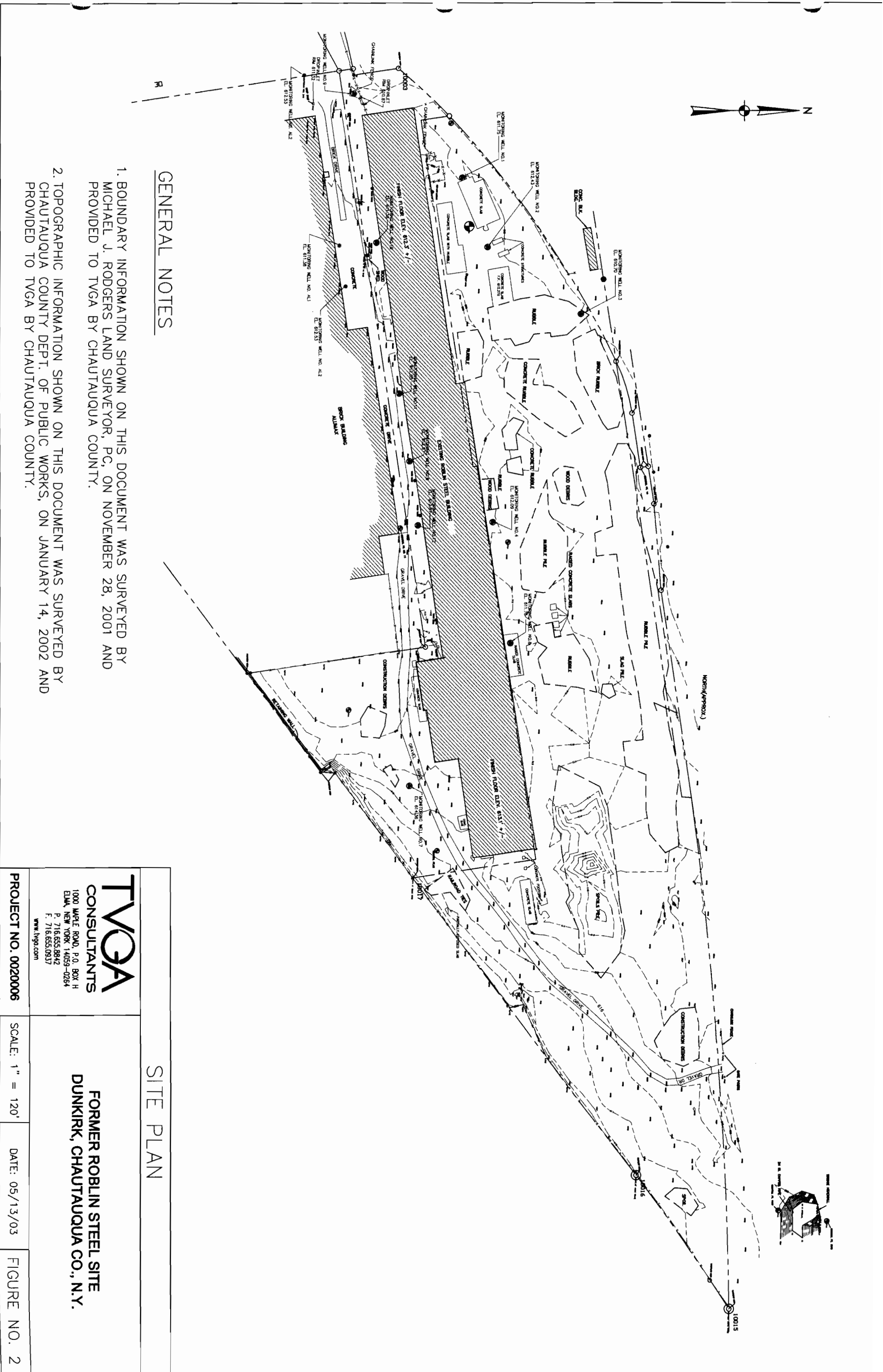
**FORMER ROBLIN STEEL SITE
DUNKIRK, NEW YORK**

PROJECT NO. 0020006

SCALE: 1" = 2000'

DATE: 05/13/03

FIGURE NO. 1A



GENERAL NOTES

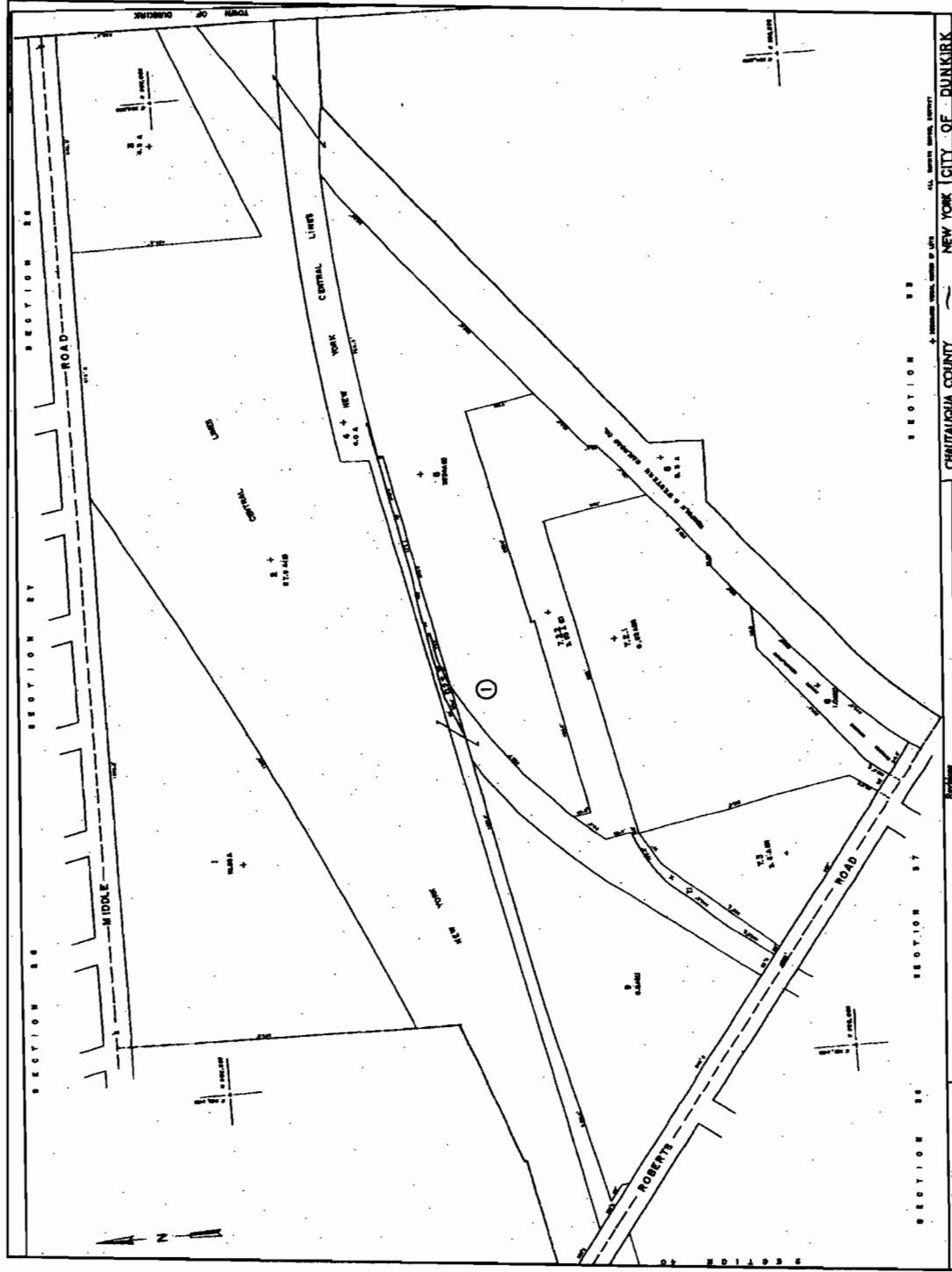
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FORMER ROBLIN STEEL SITE
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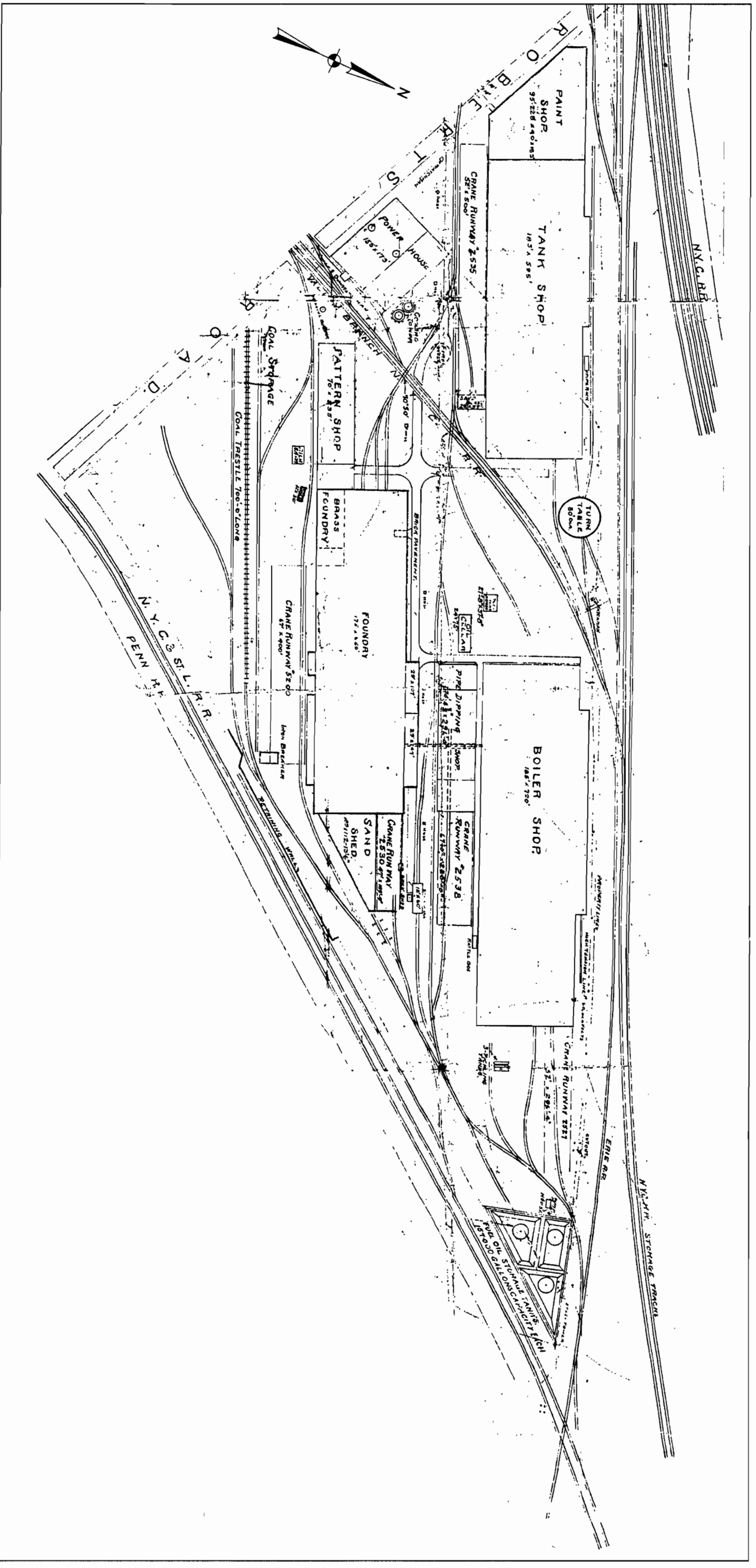
PROJECT NO. 0020006	SCALE: 1" = 120'	DATE: 05/13/03	FIGURE NO. 2
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TAX MAP

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SITE INVESTIGATION/REMEDIAL ALTERNATIVES REPORT
 FORMER ROBLIN STEEL SITE
 320 SOUTH ROBERTS ROAD
 DUNKIRK, NEW YORK



REFERENCE:
 AMERICAN LOCOMOTIVE CO.
 "PLAN OF BROOKS WORKS SHOWING
 BUILDINGS, TRACKS, AND CRANE RUNWAYS"
 (2/25/19)

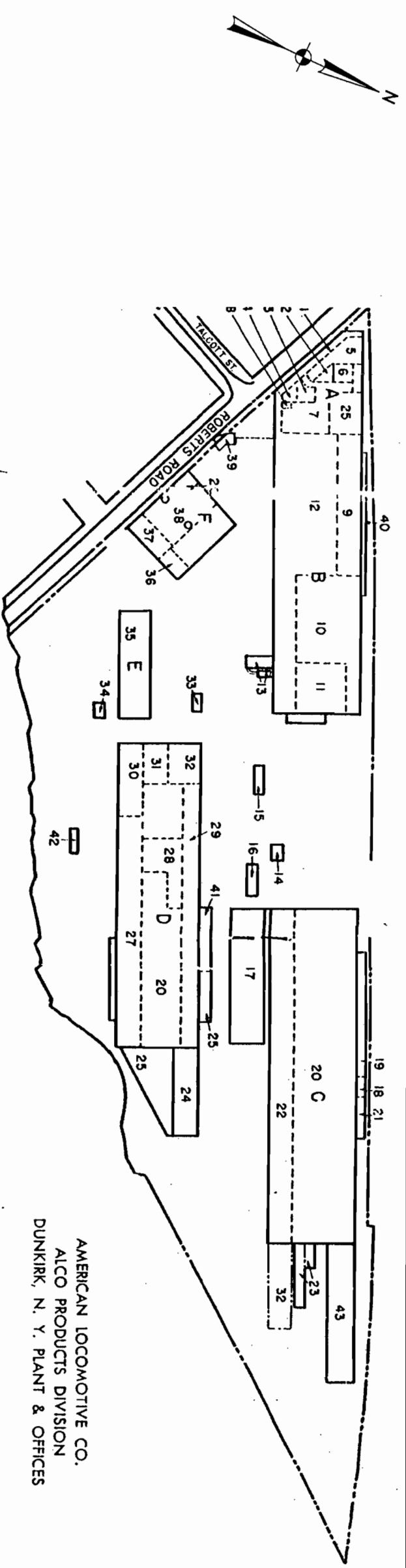
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S/RAR
 FORMER ROBLIN STEEL SITE
 DUNKIRK, CHAUTAQUA CO., NY
 BROOKS WORKS / ALCO
 1919 - 1930

PROJECT NO. 0020006	SCALE: NA	DATE: 2/21/02	FIGURE NO. 4
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LEGEND

- 1 Executive Offices
- 2 Sales Engineering
- 3 Material Dept.
- 4 Job Engineering
- 5 Accounting
- 6 Planning
- 7 Engineering Dept. & Drafting
- 8 Purchasing
- 9 Sheet Metal Fabrication
- 10 Tube Bundle Assembly
- 11 Assembly & Test of Heat Exchangers
- 12 General Machining Operations
- 13 Shot Blast (Heat Exchanger Parts)
- 14 Acetylene Generating House
- 15 Dry-ox (Liquid Oxygen) Building & Equipment
- 16 Oil Storage House
- 17 Application of Corrosion Preventive Coating to large Dia. Water Pipe for Municipalities
- 18 Physical Laboratory For Testing of Materials, etc.
- 19 Shop Offices & Laboratories, etc.
- 20 General Mfg. of Pressure Vessels & Heavy Fabricated Plate Equipment
- 21 X-Ray Dept. for Non-Destructive Examination of Fabricated Equipment
- 22 Mfg. and Hydrostatic Testing of Large Dia. Water Pipe for Municipalities
- 23 Furnaces for Heat-Treatment of Pressure Vessels, etc.
- 24 Store Room—Receiving
- 25 Store Room
- 26 Plant Hospital
- 27 Mfg. of Pre-Fabricated Refinery & Other High Pressure Piping
- 28 Mfg. of Fin Tubing & Assembly of Fin Tube Bundles
- 29 Mfg. of Heat Exchanger Parts
- 30 Mfg. of Tools, Jigs, etc.
- 31 Painting of Heat Exchangers
- 32 Shipping Dept.
- 33 Office for Outside Inspectors, etc.
- 34 Kiln for Drying Lumber for Patterns
- 35 Making & Storage of Patterns. Making of Crates for Shipments
- 36 Repairs to Plant Equipment
- 37 Semi-Works for Experimental Equipment
- 38 Power Plant
- 39 Gate House & Employment Office
- 40 Shop Offices, Restaurant, Lavatories, etc.
- 41 Shop Offices, Laboratories, etc.
- 42 Sandblast for Miscellaneous Parts
- 43 Steel Plate Storage

REFERENCE:
 AMERICAN LOCOMOTIVE CO.
 ALCO PRODUCTS DIVISION
 "DUNKIRK, NEW YORK PLANT & OFFICES"

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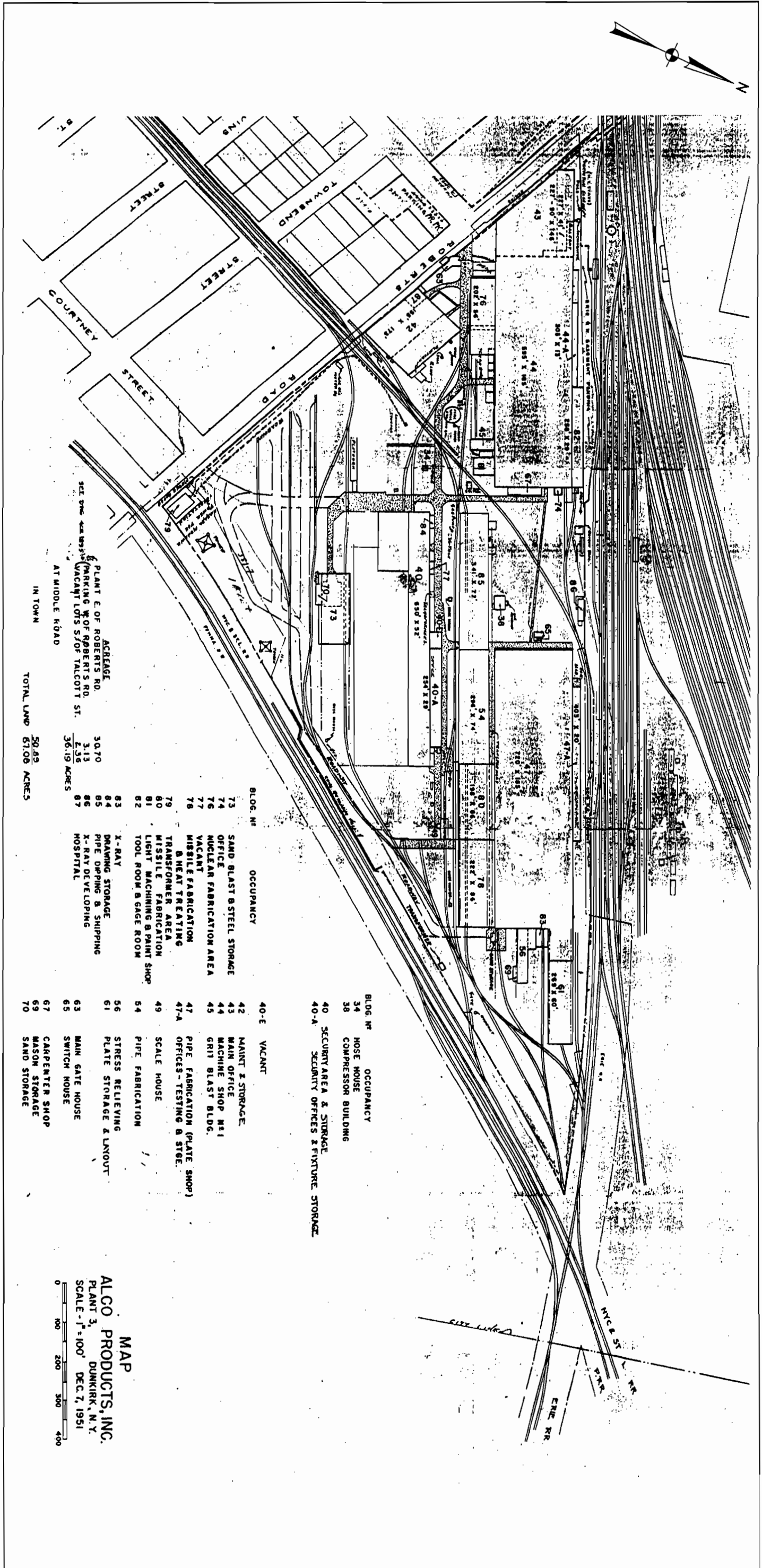
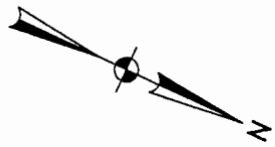
SI/RAR
 FORMER ROBLIN STEEL SITE
 DUNKIRK, CHAUTAUQUA CO., NY
 AMERICAN LOCOMOTIVE CO.
 ALCO PRODUCTS DIVISION
 PRE 1950

PROJECT NO. 0020006

SCALE: NA

DATE: 2/21/02

FIGURE NO. 6



ACRES
 PLANT E. OF ROBERT'S RD. 30.70
 PARKING W. OF ROBERT'S RD. 3.13
 VACANT LOTS S/O F TALCOTT ST. 2.36
 AT MIDDLE ROAD 36.19 ACRES
 IN TOWN
 TOTAL LAND 50.49 ACRES
 57.08 ACRES

BLOG. NO.	OCCUPANCY
73	SAND BLAST & STEEL STORAGE
74	OFFICE
76	NUCLEAR FABRICATION AREA
77	VACANT
78	MISSILE FABRICATION & HEAT TREATING
79	TRANSFORMER AREA
80	MISSILE FABRICATION
81	LIGHT MACHINING & PAINT SHOP
82	TOOL ROOM & GAGE ROOM
83	X-RAY
84	DRAWING STORAGE
85	PIPE DRIPPING & SHIPPING
86	X-RAY DEVELOPING
87	HOSPITAL
40-E	VACANT
42	MAINT. & STORAGE
43	MAIN OFFICE
44	MACHINE SHOP N#1
45	GRIT BLAST BLDG.
47	PIPE FABRICATION (PLATE SHOP)
47-A	OFFICES - TESTING & STGE.
49	SCALE HOUSE
54	PIPE FABRICATION
56	STRESS RELIEVING
61	PLATE STORAGE & LAYOUT
63	MAIN GATE HOUSE
65	SWITCH HOUSE
67	CARPENTER SHOP
69	MASON STORAGE
70	SAND STORAGE
34	HOSE HOUSE
38	COMPRESSOR BUILDING
40	SECURITY AREA & STORAGE
40-A	SECURITY OFFICES & FIXTURE STORAGE

MAP
 ALCO PRODUCTS, INC.
 PLANT 3,
 DUNKIRK, N. Y.
 SCALE - 1" = 100'
 DEC. 7, 1951



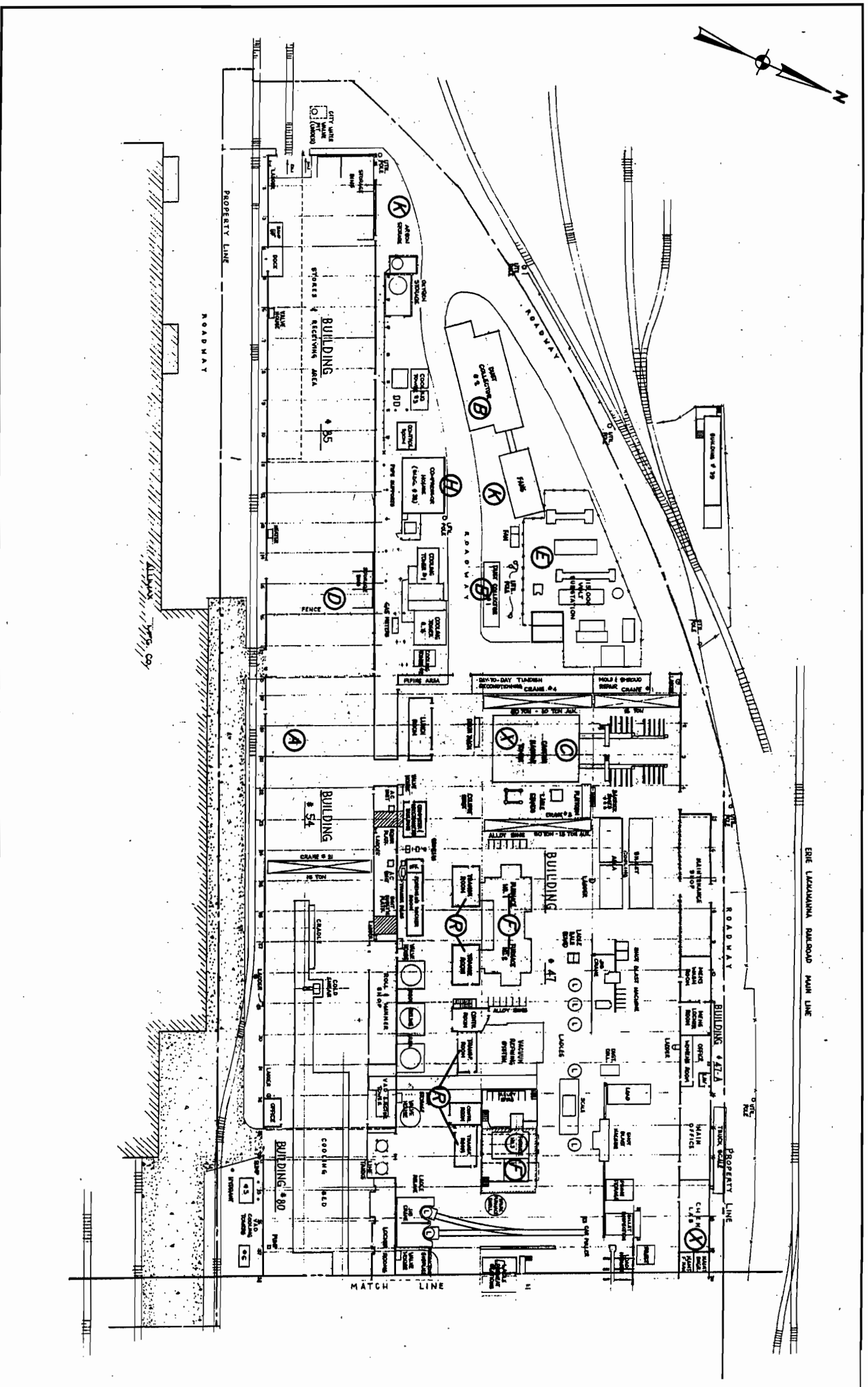
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S//RAR
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 DUNKIRK, CHAUTAQUA CO., NY
 ALCO PRODUCTS, INC.
 1951 - 1962

REFERENCE:
 "MAP ALCO PRODUCTS, INC.
 PLANT 3, DUNKIRK, NY"
 (12/7/51)



- MAJOR AREAS OF CONCERN**
- Ⓐ ACID BATH
 - Ⓑ DUST COLLECTION BAGHOUSE
 - Ⓒ CASTING TOWER
 - Ⓓ FORMER OIL CELLAR
 - Ⓔ ELECTRIC SUBSTATION
 - Ⓕ ELECTRIC ARC FURNACES
 - Ⓖ COMPRESSOR HOUSE
 - Ⓗ EMISSION CONTROL DUST (K061) AREA
 - Ⓜ ROLLING/HAMMER MILL
 - Ⓞ OIL STORAGE TANK AREA
 - Ⓡ TRANSFORMER ROOM
 - Ⓢ SCRAP YARD
 - Ⓣ PICKLING TANKS
 - Ⓧ RADIOLOGICAL SOURCES

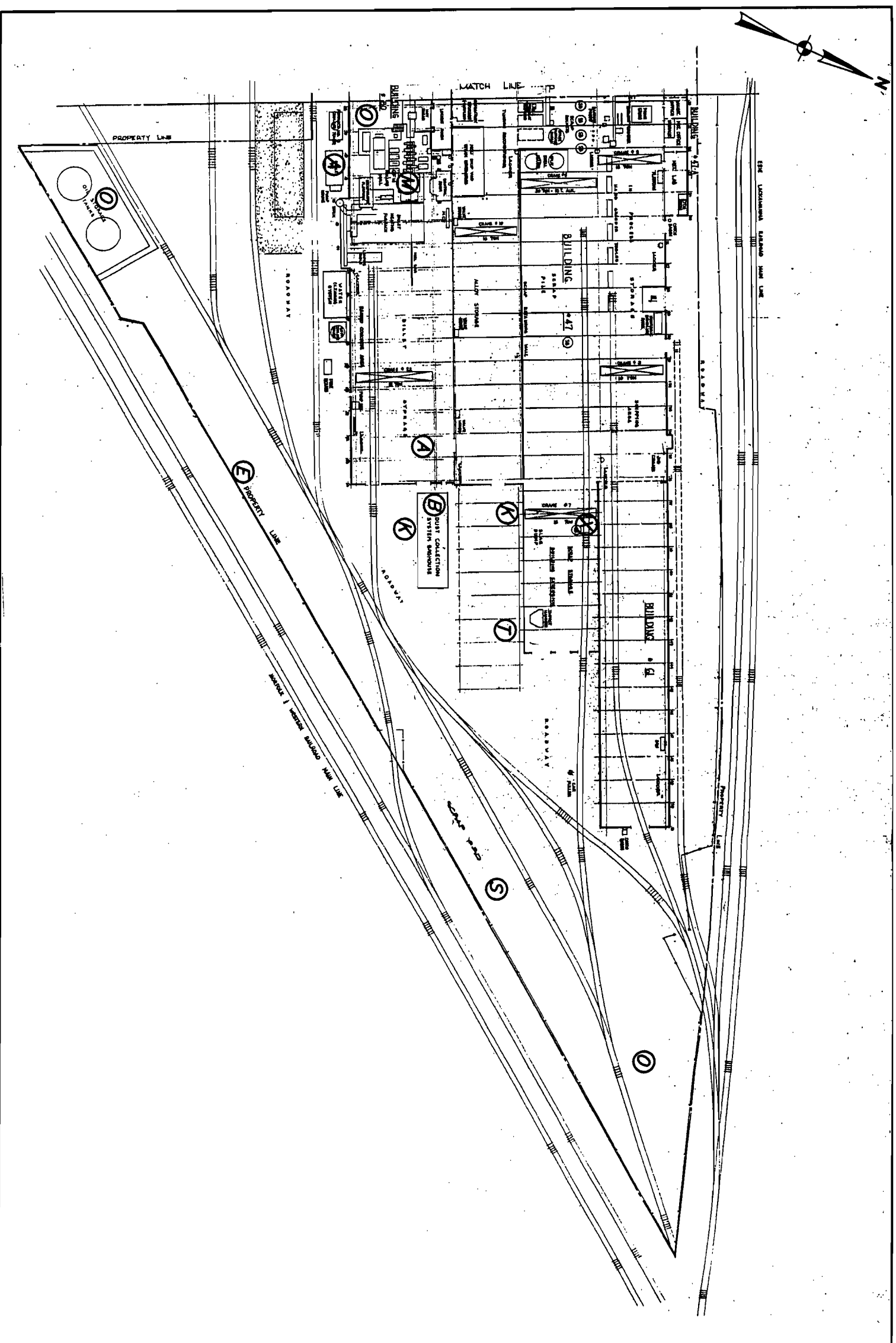
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 DUNKIRK, CHAUTAQUA CO., NY
 ROBLIN STEEL COMPANY
 1977 - 1978

REFERENCE:
 ROBLIN STEEL COMPANY
 "PLANT DUNKIRK 1978 - 1979 EXPANSION PROJECT
 PLANT AND PROPERTY PLOT PLAN (PROPOSED)"
 (11/17/77)



- MAJOR AREAS OF CONCERN**
- (A) ACID BATH
 - (B) DUST COLLECTION BAGHOUSE
 - (C) CASTING TOWER
 - (D) FORMER OIL CELLAR
 - (E) ELECTRIC SUBSTATION
 - (F) ELECTRIC ARC FURNACES
 - (H) COMPRESSOR HOUSE
 - (K) EMISSION CONTROL DUST (K061) AREA
 - (M) ROLLING/HAMMER MILL
 - (O) OIL STORAGE TANK AREA
 - (R) TRANSFORMER ROOM
 - (S) SCRAP YARD
 - (T) PICKLING TANKS
 - (X) RADIOLOGICAL SOURCES

REFERENCE:
 ROBILN STEEL COMPANY
 "PLANT DUNKIRK 1978 - 1979 EXPANSION PROJECT
 PLANT AND PROPERTY PLOT PLAN (PROPOSED)"
 (11/17/77)

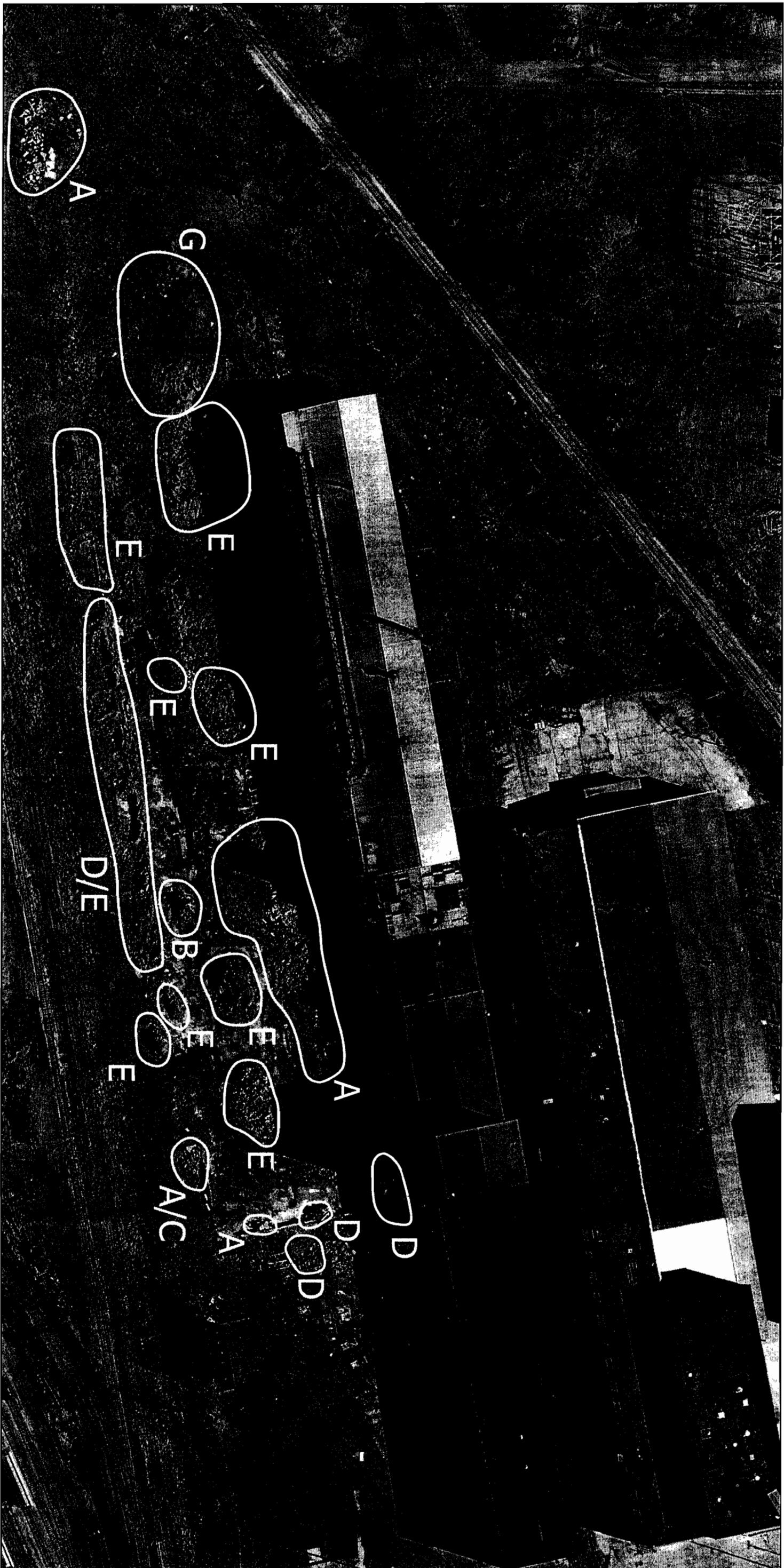
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 DUNKIRK, CHAUTAUQUA CO., NY
 ROBILN STEEL COMPANY
 1977 - 1978

PROJECT NO. 0020006 SCALE: NA DATE: 2/21/02 FIGURE NO. 8B



A - CONCRETE
 B - WOOD
 C - BRICK

D - MIXED CONSTRUCTION AND
 DEMOLITION DEBRIS (ALL OF THE ABOVE)
 E - D MIXED WITH SOIL AND/OR SLAG

F - SCRAP STEEL
 G - SLAG

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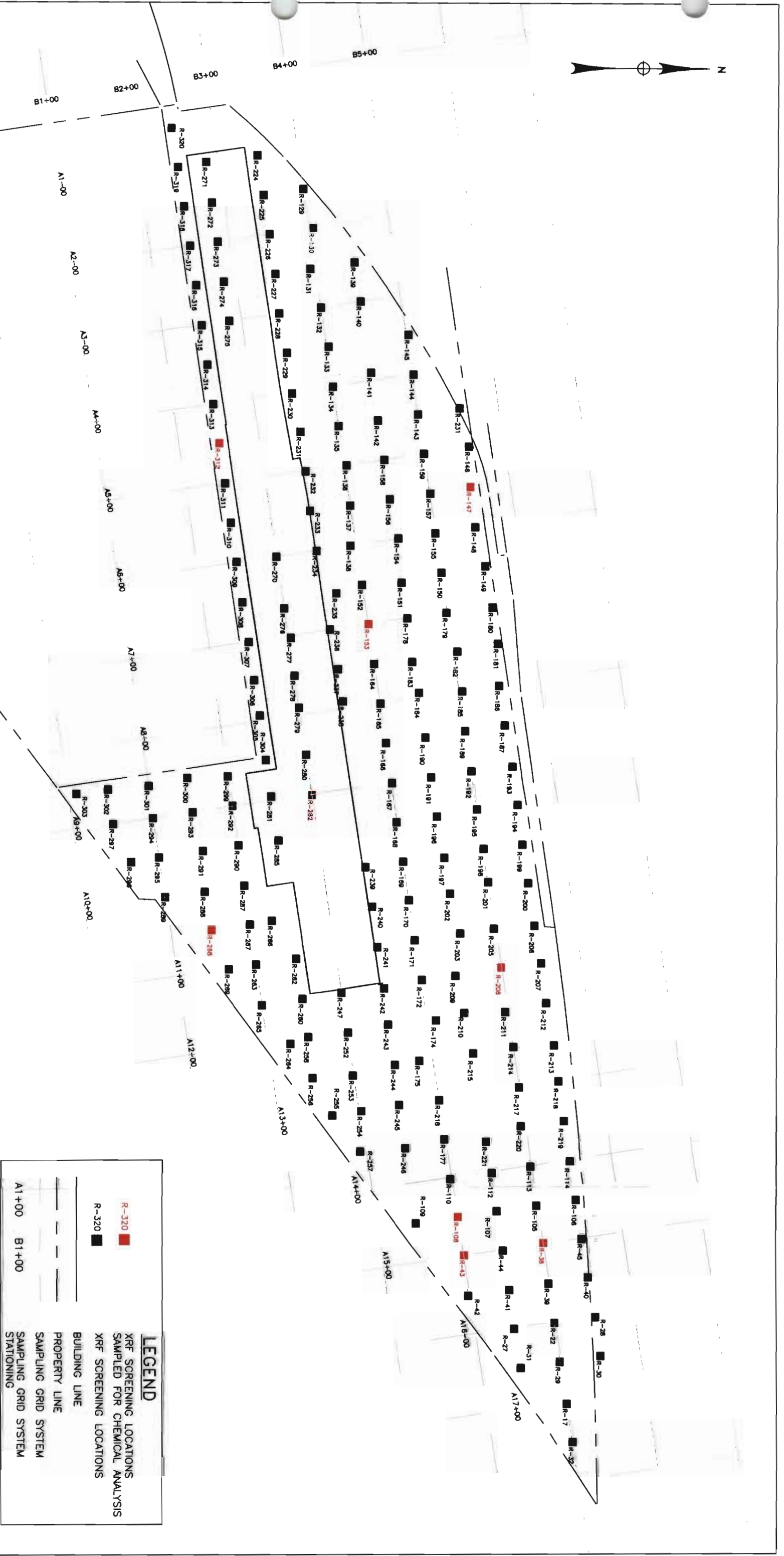
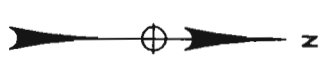
FORMER ROBLIN STEEL SITE
 DUNKIRK, CHAUTAQUA CO., NY
 HISTORICAL AERIAL PHOTOGRAPH
 12-09-1999

PROJECT NO. 0020006

SCALE: NA

DATE: 2/21/02

FIGURE NO. 9



LEGEND

- R-320 XRF SCREENING LOCATIONS SAMPLED FOR CHEMICAL ANALYSIS
- R-320 XRF SCREENING LOCATIONS
- BUILDING LINE
- - - PROPERTY LINE
- SAMPLING GRID SYSTEM
- - - SAMPLING GRID SYSTEM
- STATIONING

XRF SCREENING LOCATION MAP






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PROJECT NO. 0020006 SCALE: 1" = 120' DATE: 05/13/03 FIGURE NO. 10



LEGEND

	SS01-S COMPOSITE SURFACE SOIL SAMPLE ANALYTICAL SAMPLE
	SS01-S SURFACE SOIL INVESTIGATION POINT ANALYTICAL SAMPLE
	PROPERTY LINE
	SAMPLING GRID SYSTEM
	SAMPLING GRID SYSTEM STATIONING

SURFACE SOIL/CONCRETE LOCATION MAP – SI

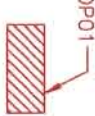




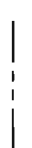


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PROJECT NO. 0020006 SCALE: 1" = 120' DATE: 05/13/03 FIGURE NO. 11A



LEGEND

-  SDP01 SOIL/DEBRIS PILE LOCATION
-  SS33-S GRAB SURFACE SOIL SAMPLE LOCATION
-  SS49-WD WOOD FLOOR BLOCK LOCATION
-  SMP01 SUMP SAMPLING LOCATION
-  MW09 INTERFACE GROUNDWATER MONITORING WELL
-  PROPERTY LINE
-  SAMPLING GRID SYSTEM
-  SAMPLING GRID SYSTEM STATIONING

SURFACE SOIL/CONCRETE LOCATION MAP – SSI

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PROJECT NO. 0020006 SCALE: 1" = 120' DATE: 05/13/03 FIGURE NO. 11B



LEGEND

	TEST BORING COMPLETED WITH BEDROCK GROUNDWATER MONITORING WELL
	TEST BORING COMPLETED WITH INTERFACE GROUNDWATER MONITORING WELL
	SUBSURFACE SOIL PROBE NOT SAMPLED FOR CHEMICAL ANALYSIS
	SUBSURFACE SOIL PROBE SAMPLED FOR CHEMICAL ANALYSIS
	TEST BORING
	TEST PIT SAMPLED FOR CHEMICAL ANALYSIS
	TEST PIT NOT SAMPLED FOR CHEMICAL ANALYSIS
	BUILDING LINE
	PROPERTY LINE
	COLUMN LINES
	SAMPLING GRID SYSTEM
	SAMPLING GRID SYSTEM STATIONING

SUBSURFACE SAMPLING LOCATION MAP – SI

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FORMER ROBLIN STEEL SITE
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PROJECT NO. 0020006 SCALE: 1" = 120' DATE: 05/13/03 FIGURE NO. 12A



LEGEND	
● OF01	OUTFALL SAMPLING LOCATION
● SMP01	SUMP SAMPLING LOCATION
—	BUILDING LINE
- - -	PROPERTY LINE
—	COLUMN LINES
—	SAMPLING GRID SYSTEM
A1+00 B1+00	SAMPLING GRID SYSTEM STATIONING

SUMP AND DRAIN LOCATION MAP

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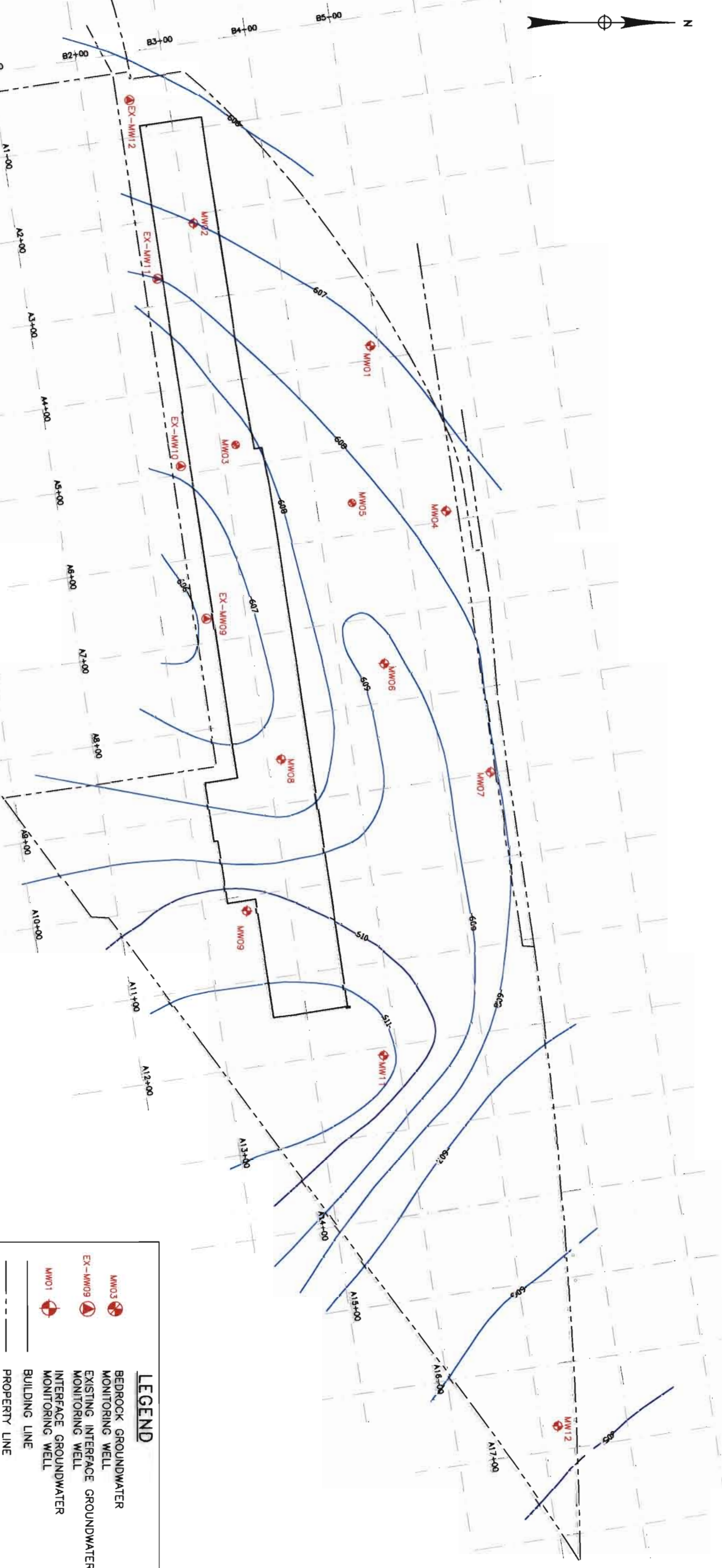
FORMER ROBLIN STEEL SITE
DUNKIRK, CHAUTAQUA CO., N.Y.

PROJECT NO. 0020006

SCALE: 1" = 120'

DATE: 05/13/03

FIGURE NO. 13



GROUNDWATER MONITORING WELL TABLE

MONITORING WELL	TOP OF CASING EL.	DEPTH TO WATER	GW ELEVATION
MW01	612.88	5.66	607.22
MW02	614.87	7.85	607.02
MW03 ¹	615.03	11.40	603.63
MW04	612.06	4.30	607.76
MW05 ¹	613.08	11.56	601.52
MW06	613.49	4.35	609.14
MW07	613.82	5.58	608.24
MW08	615.22	5.76	607.76
MW09	616.65	5.95	610.70
MW11	614.33	2.54	611.79
MW12	618.72	13.02	605.70
EX-MW09	614.33	7.26	606.79
EX-MW10	614.78	7.72	607.06
EX-MW11	615.30	7.12	608.18
EX-MW12	615.86	9.35	606.51

¹ Bedrock Monitoring Well

LEGEND

- MW03
- EX-MW09
- MW01
- BEDROCK GROUNDWATER MONITORING WELL
- EXISTING INTERFACE GROUNDWATER MONITORING WELL
- INTERFACE GROUNDWATER MONITORING WELL
- BUILDING LINE
- PROPERTY LINE
- PIEZOMETRIC SURFACE
- SAMPLING GRID SYSTEM
- SAMPLING GRID SYSTEM STATIONING

GROUNDWATER POTENTIOMETRIC SURFACE MAP



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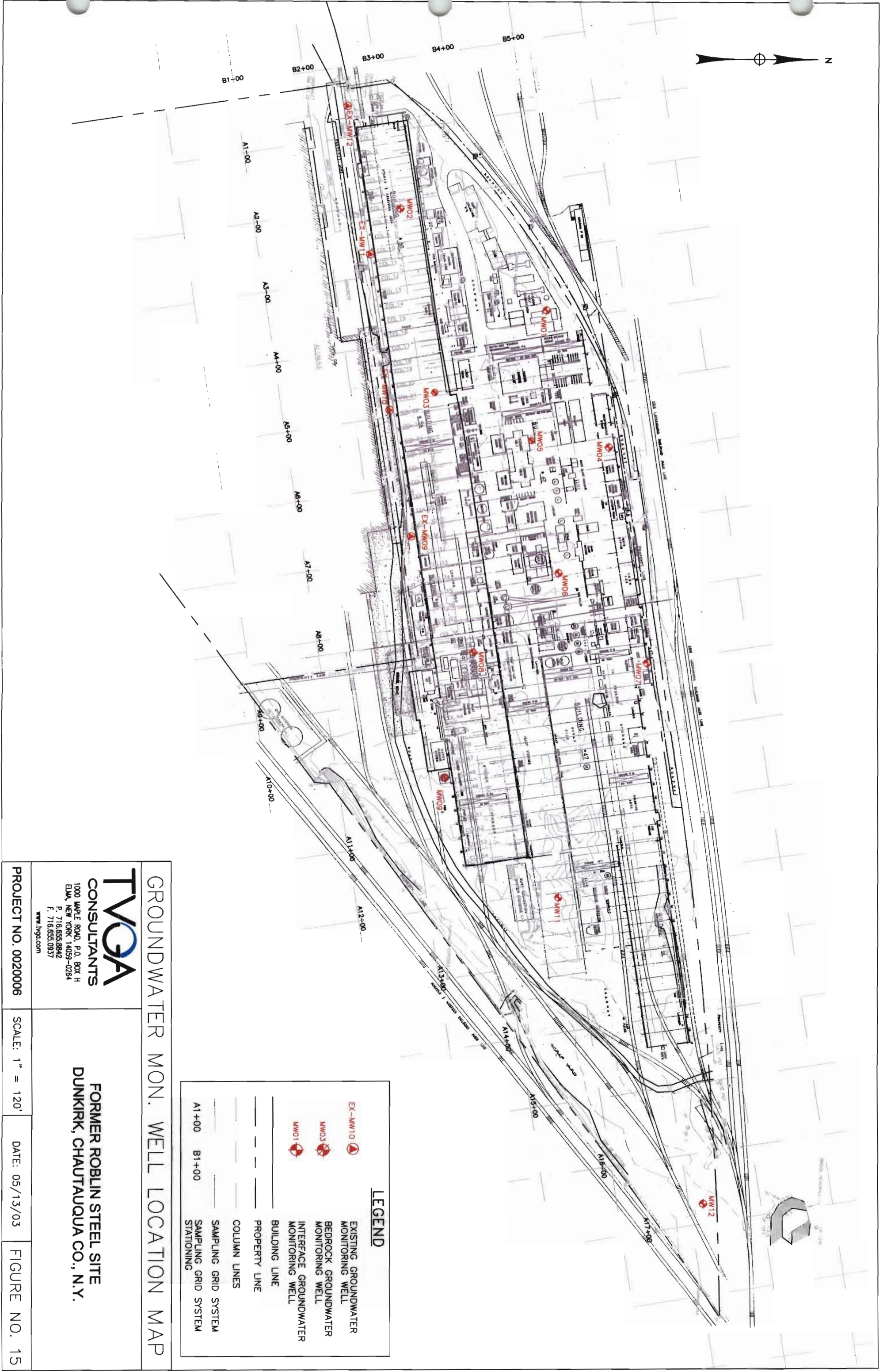
**FORMER ROBLIN STEEL SITE
DUNKIRK, CHAUTAQUA CO., N.Y.**

PROJECT NO. 0020006

SCALE: 1" = 120'

DATE: 05/13/03

FIGURE NO. 14











GROUNDWATER MON. WELL LOCATION MAP

TVGA
CONSULTANTS

1000 MAPLE ROAD, P.O. BOX H
ELMA, NEW YORK 14059-0284
P. 716.656.8942
F. 716.655.0937
www.tvga.com

FORMER ROBLIN STEEL SITE
DUNKIRK, CHAUTAUQUA CO., N.Y.

LEGEND

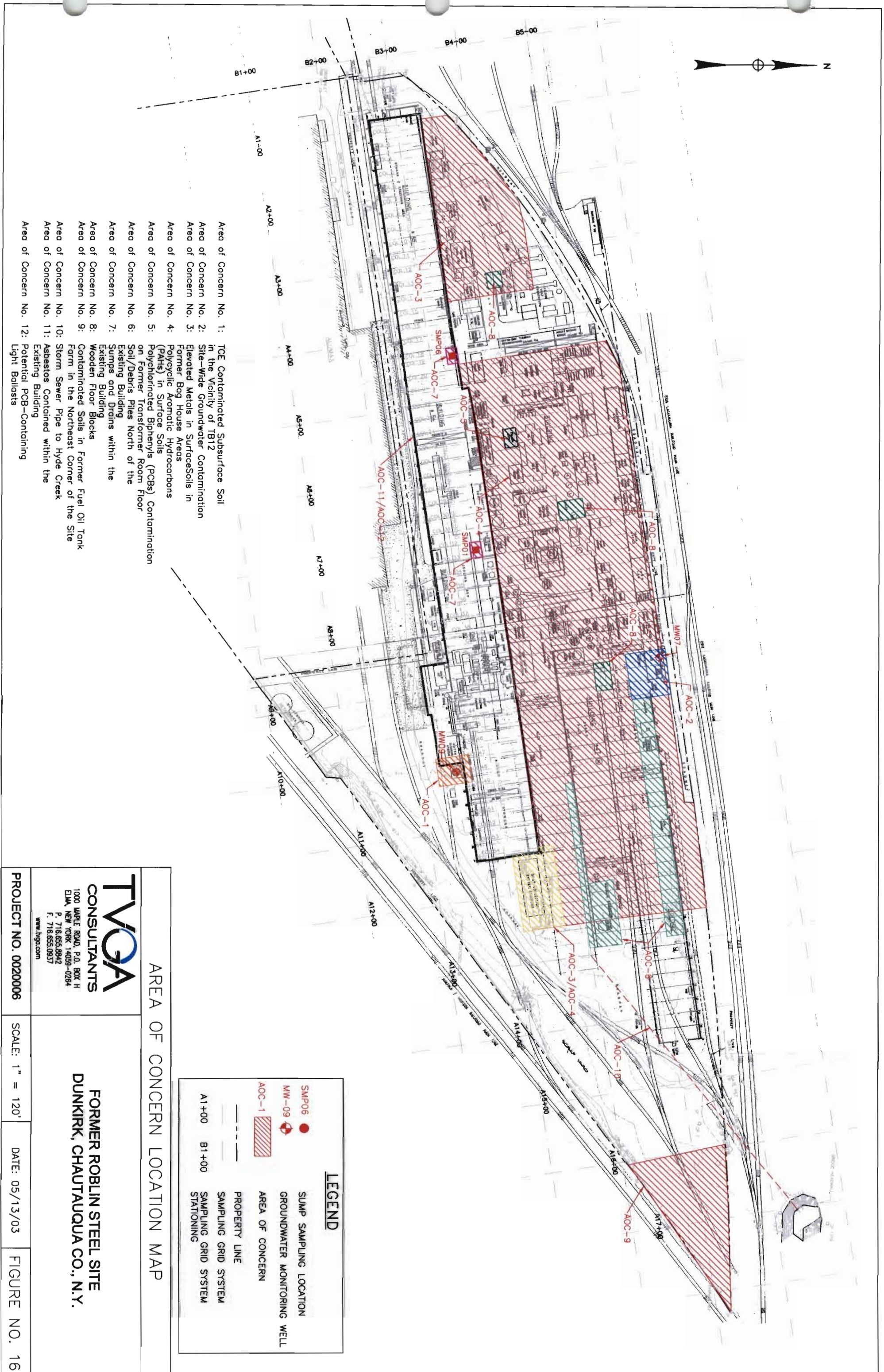
	EX-MW10	EXISTING GROUNDWATER MONITORING WELL
	MW03	BEDROCK GROUNDWATER MONITORING WELL
	MW01	INTERFACE GROUNDWATER MONITORING WELL
		BUILDING LINE
		PROPERTY LINE
		COLUMN LINES
	A1+00 B1+00	SAMPLING GRID SYSTEM
		SAMPLING GRID SYSTEM STATIONING

PROJECT NO. 0020006

SCALE: 1" = 120'

DATE: 05/13/03

FIGURE NO. 15



- Area of Concern No. 1: TCE Contaminated Subsurface Soil in the Vicinity of TB12
- Area of Concern No. 2: Site-Wide Groundwater Contamination
- Area of Concern No. 3: Elevated Metals in Surface Soils in Former Bag House Areas
- Area of Concern No. 4: Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Soils
- Area of Concern No. 5: Polychlorinated Biphenyls (PCBs) Contamination on Former Transformer Room Floor
- Area of Concern No. 6: Soil/Debris Piles North of the Existing Building
- Area of Concern No. 7: Existing Building Sumps and Drains within the Existing Building
- Area of Concern No. 8: Wooden Floor Blocks
- Area of Concern No. 9: Contaminated Soils in Former Fuel Oil Tank Farm in the Northeast Corner of the Site
- Area of Concern No. 10: Storm Sewer Pipe to Hyde Creek
- Area of Concern No. 11: Asbestos Contained within the Existing Building
- Area of Concern No. 12: Potential PCB-Containing Light Ballasts

LEGEND	
	SUMP SAMPLING LOCATION
	GROUNDWATER MONITORING WELL
	AREA OF CONCERN
	PROPERTY LINE
	SAMPLING GRID SYSTEM
	SAMPLING GRID SYSTEM STATIONING

AREA OF CONCERN LOCATION MAP

TVGA
CONSULTANTS

1000 MAPLE ROAD, P.O. BOX H
ELMA, NEW YORK 14059-0264
P. 716.655.8942
F. 716.655.0937
www.tvga.com

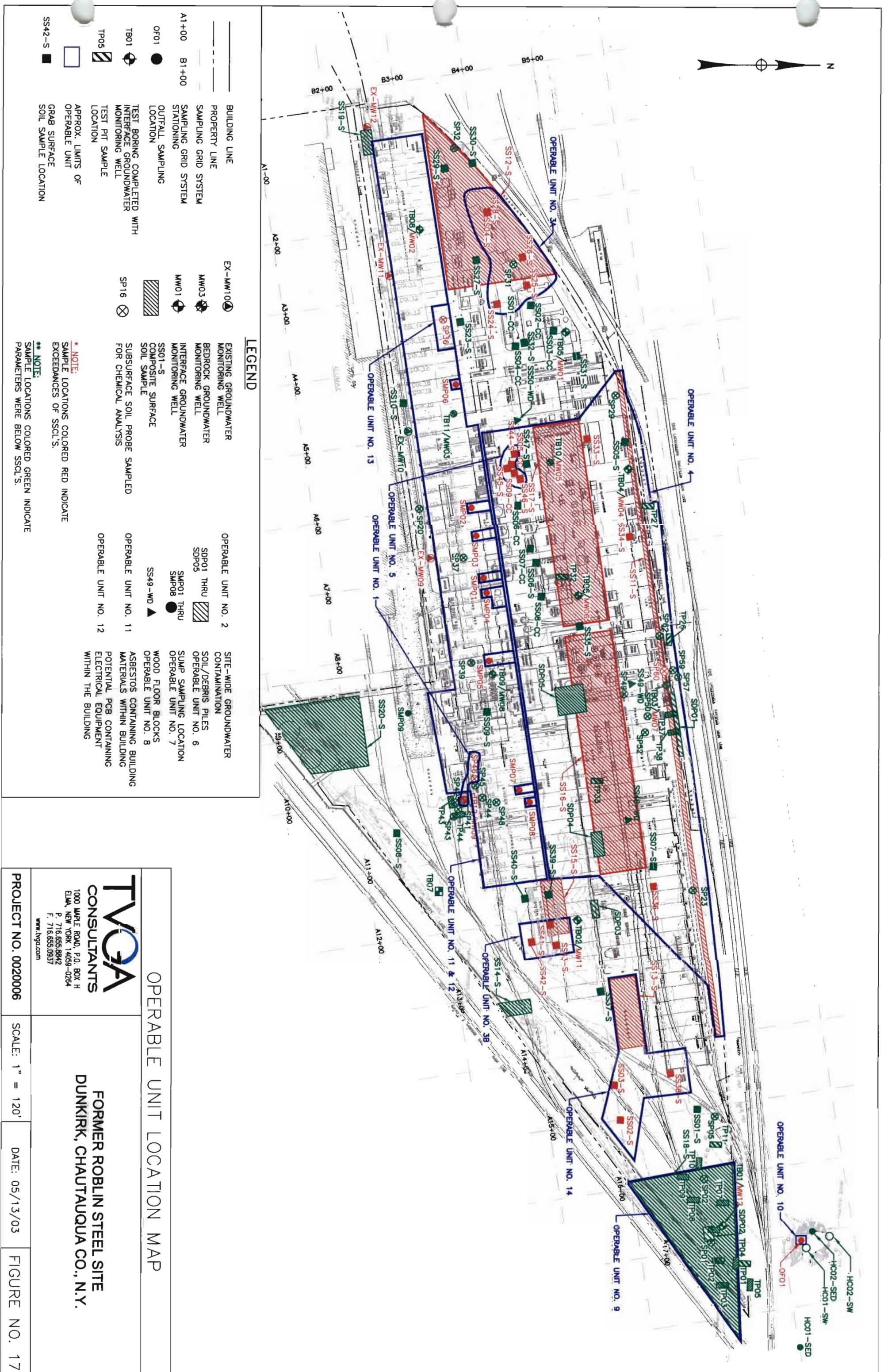
FORMER ROBLIN STEEL SITE
DUNKIRK, CHAUTAQUA CO., N.Y.

PROJECT NO. 0020006

SCALE: 1" = 120'

DATE: 05/13/03

FIGURE NO. 16



LEGEND

- | | | | |
|--|--|--|---|
| <ul style="list-style-type: none"> — BUILDING LINE - - - PROPERTY LINE — SAMPLING GRID SYSTEM A1+00 B1+00 SAMPLING GRID SYSTEM STATIONING ○ OF01 OUTFALL SAMPLING LOCATION ⊕ TB01 TEST BORING COMPLETED WITH INTERFACE GROUNDWATER MONITORING WELL ▨ TP05 TEST PIT SAMPLE LOCATION □ APPROX. LIMITS OF OPERABLE UNIT ■ SS42-S GRAB SURFACE SOIL SAMPLE LOCATION | <ul style="list-style-type: none"> ⊕ EX-MW101 EXISTING GROUNDWATER MONITORING WELL ⊕ MW03 BEDROCK GROUNDWATER MONITORING WELL ⊕ MW01 INTERFACE GROUNDWATER MONITORING WELL ▨ SS01-S COMPOSITE SURFACE SOIL SAMPLE ▨ SS49-WD SUBSURFACE SOIL PROBE SAMPLED FOR CHEMICAL ANALYSIS | <ul style="list-style-type: none"> ▨ OPERABLE UNIT NO. 2 ▨ SDP01 THRU SDP05 OPERABLE UNIT NO. 6 ▨ SMP01 THRU SMP08 OPERABLE UNIT NO. 7 ▨ SS49-WD OPERABLE UNIT NO. 8 ▨ OPERABLE UNIT NO. 11 ▨ OPERABLE UNIT NO. 12 | <ul style="list-style-type: none"> ▨ SITE-WIDE GROUNDWATER CONTAMINATION ▨ SOIL/DEBRIS PILES ▨ OPERABLE UNIT NO. 6 ▨ SUMP SAMPLING LOCATION OPERABLE UNIT NO. 7 ▨ WOOD FLOOR BLOCKS OPERABLE UNIT NO. 8 ▨ ASBESTOS CONTAINING BUILDING MATERIALS WITHIN BUILDING ▨ POTENTIAL PCB CONTAINING ELECTRICAL EQUIPMENT WITHIN THE BUILDING |
|--|--|--|---|

*** NOTE:**
SAMPLE LOCATIONS COLORED RED INDICATE EXCEEDANCES OF SSCL'S.

**** NOTE:**
SAMPLE LOCATIONS COLORED GREEN INDICATE PARAMETERS WERE BELOW SSCL'S.

OPERABLE UNIT LOCATION MAP

TVQA CONSULTANTS
 1000 WURLE ROAD, P.O. BOX H
 ELMA, NEW YORK 14059-0284
 P. 716.655.8942
 F. 716.655.0937
 www.tvqa.com

**FORMER ROBLIN STEEL SITE
 DUNKIRK, CHAUTAQUA CO., N.Y.**

PROJECT NO. 0020006

SCALE: 1" = 120'

DATE: 05/13/03

FIGURE NO. 17

APPENDIX A
TEST PIT LOGS

TEST PIT LOG

PIT NO: RSS-TP01

Project Name: Former Roblin Steel Site SE/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-3-03

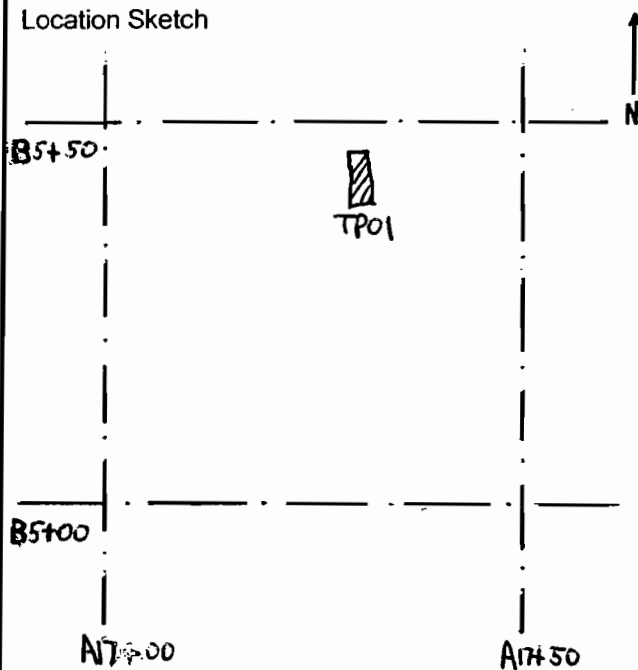
Description Northeast corner of the site: A17+29 / B5+42

Depth 12' 6"

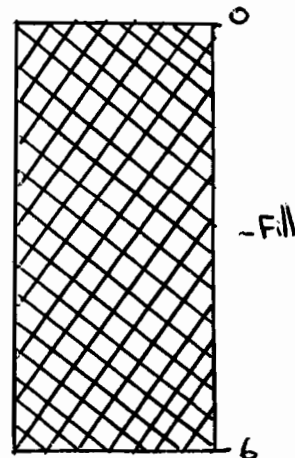
0	Surface: <u>Overgrown grass & brush</u>		
	<u>Brown sand (F,m) and Gravel (F,ang.) dry</u>	<u>PID-0</u>	<u>Pb-102 ppm</u>
1	<u>Black sand (F,m) some gravel</u>		
* 2	<u>Black sand (F,m), trace clay, trace brick pieces, cylinders, dry</u>	<u>PID-0.3</u>	
	<u>Pb-123 ppm</u>		
3			
4	<u>As above, some clay and slag, dry</u>	<u>PID-0.2</u>	<u>Pb-<94 ppm</u>
5	<u>As above</u>		
6	<u>Brown sand (F), some gravel, brick, moist</u>	<u>PID-0</u>	

Comments: * Collected RSS-TP01-D24-S-0 for chemical analysis

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TPO1

Project Name: Former Rublin Steel Site SE/RAR

Project No: 0020006

Project Location: Quenkirk, NY

Date: 9-3-02

Description Northeast corner of site A17 +29 / B5 +42

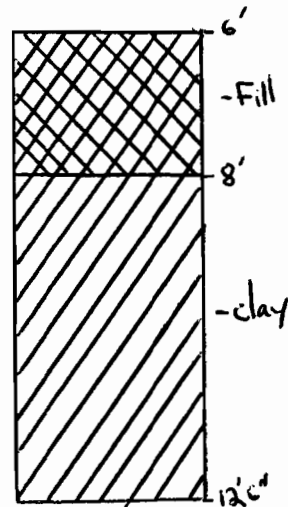
Depth 12' 6"

6	
7	<u>Black and Brown sand (F), trace clay, orange mottles, moist. PID-0 Pb-169ppm</u>
8	<u>Gray-Brown clay w/orange mottles, moist. PID-0 Pb-208ppm</u>
9	<u>As above, with black organic material</u>
10	<u>As above, wet</u>
11	<u>Gray-Dark brown clay, with wood pieces, saturated. PID-0 Pb-<99ppm</u>
12	

Comments: Hit bed rock at 12' 6"

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzell

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TPO2

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-3-02

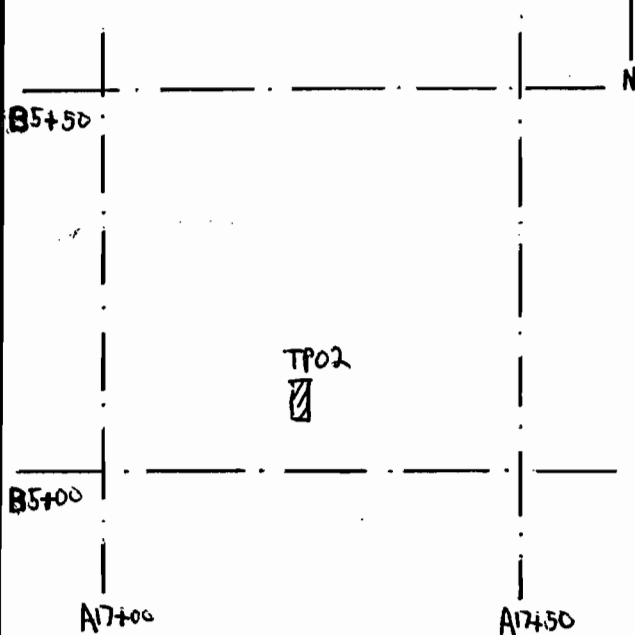
Description: Northeast corner A17+20 / B5+6

Depth 11'

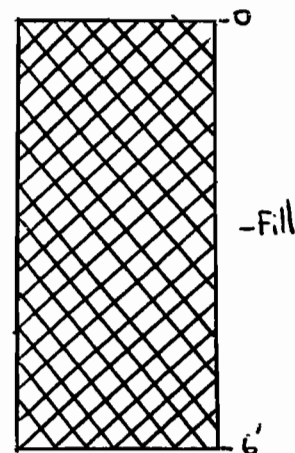
0	Surface: <u>overgrown grass and brush</u>
1	<u>Brown-Black sand (f,m) and gravel (f ang), dry PID= 0ppm Pb- ND</u>
2	<u>Black sand (f), trace gravel, cobbles, trace clay, trace concrete pieces, dr-, faint odor PID= 1.1ppm Pb- < 79ppm</u>
* 3	<u>Black-Brown sand (f), with concrete slabs, noticeable diesel odor, dry. PID= 37ppm Pb- < 78.0ppm</u>
4	<u>As above.</u>
5	<u>As above</u>
6	<u>Gray-brown Clay, w/ brown mottles, moist. PID. 15ppm Pb- ND</u>

Comments: * Collected RSS-TPO2-D36-S-0 for chemical analysis

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TPO2

Project Name: Former Rublin Steel Site SE/RAR

Project No: 0020006

Project Location: QuinKirk, NY

Date: 9 - 3 - 02

Description A17+20 185+6

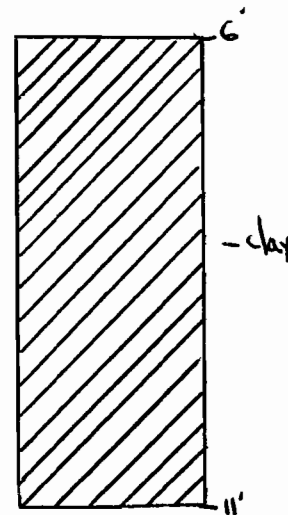
Depth 11'

6	
7	as above
8	Brown clay, w/ orange mottles, moist, w/ milk diesel odor PID-7ppm Pb-ND
9	as above
10	as above w/ faint diesel odor, wet. PID-1.1ppm Pb-ND
11	As above. PID-1.8ppm Pb > 79ppm
12	

Comments: Encountered Bedrock at 11' bgs

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzelk

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP03

Project Name: Former Rublin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

Description Northeast corner A17 155/BS+7

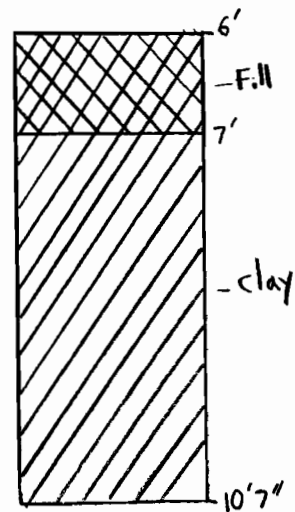
Depth 10'7"

6	As above
7	Brown clay w/ orange and gray mottles, moist, faint diesel odor PID-1.4ppm Pb- < 72ppm
8	
9	As above
10	As above, only orange mottles wet. PID- 0ppm Pb- ND
11	
12	

Comments: Hit bedrock at 10'7" bgs

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzell

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP03

Project Name: Former Roblin Steel Site SE/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

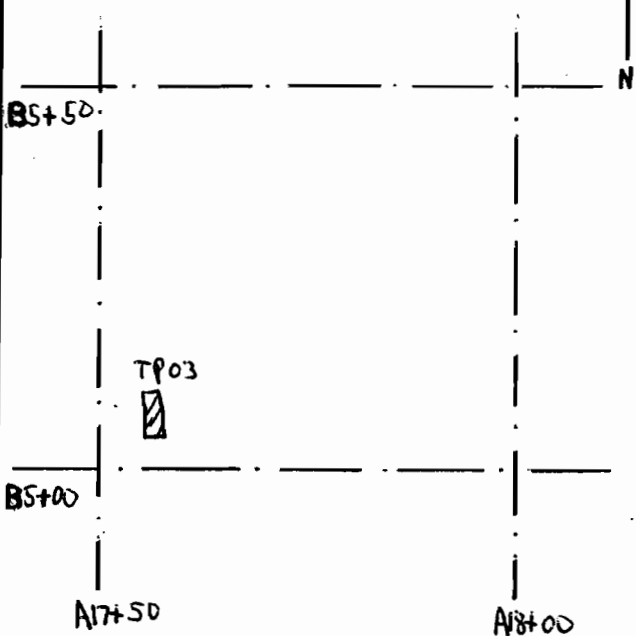
Description North east corner A17+55/BS+7

Depth 10'7"

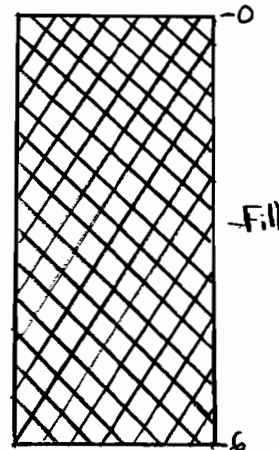
0	Surface: <u>overgrown grass and brush</u>
1	<u>Dark Brown sand (F,m), trace black sand (F), some gravel, dry</u> <u>PII - 0.3ppm Pb < 64ppm</u>
2	<u>As above.</u>
3	<u>As above, trace gray clay, moist. w/ strong diesel odor. PII - 29 ppm</u> <u>Pb - 65 ppm</u>
4	<u>As above.</u>
5	<u>As above.</u>
6	<u>As above.</u>

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP04

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

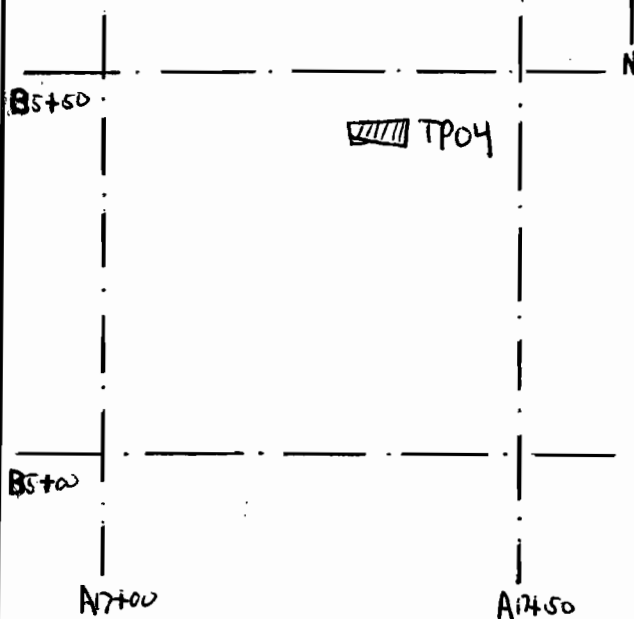
Description Northwest corner along property line A17+28 B5+30

Depth 11'

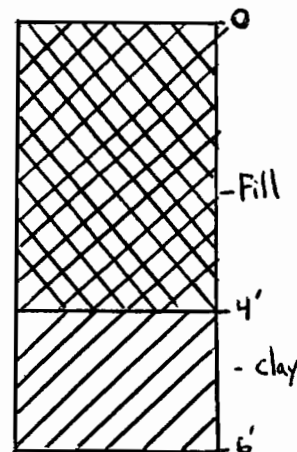
0	Surface: <u>over grown grass and brush</u>
1	<u>Dark Brown Sand (F,m) some gravel, trace cobbles, w/ some brick pieces dry PID- 0 Pb- NO.</u>
2	<u>Black sand (F), trace ash and cylinders, trace clay w/ orange mottles, dry PID- 0.5ppm Pb- NO.</u>
3	<u>As above</u>
4	<u>Brown clay w/ orange and gray mottles, moist. PID- 0.6ppm Pb- <80ppm</u>
5	<u>As above</u>
6	<u>As above</u>

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP04

Project Name: Former Rublin Steel Site SE/RAR

Project No: 002006

Project Location: Dunkirk, NY

Date: 9-4-02

Description Northeast corner A 17+28 / B 5+30

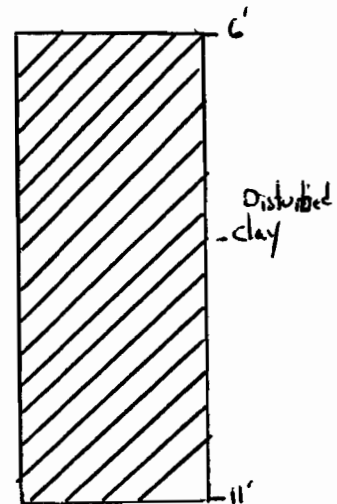
Depth 11'

6	As above
7	As above, only trace gray mottles, w/ wood pieces, and a moldy smell, wet PID: 0.6 ppm Pb: NO
8	As above.
9	As above.
10	As above
11	As above saturated.
12	

Comments: Encountered bedrock @ 11' bgs

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzell

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TPO5

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

Description Northeast corner A17+60 / B5+45

Depth 8'

0 Surface: overgrown grass and brush

1 Brown sand (f,m) and gravel, dry. P10- 0.2 ppm
Black sand (f), trace brick pieces dry.

2

3 Brown silty-clay, w/ gray mottles, dry. P10- 0 ppm

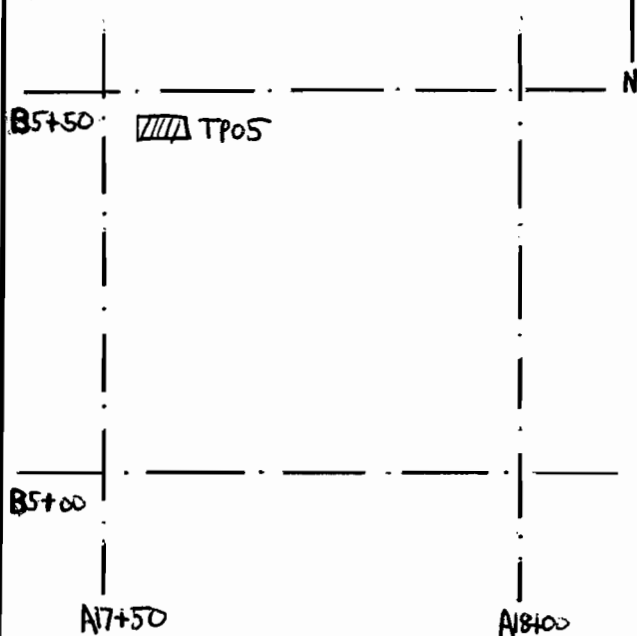
4 As above.

5 As above.

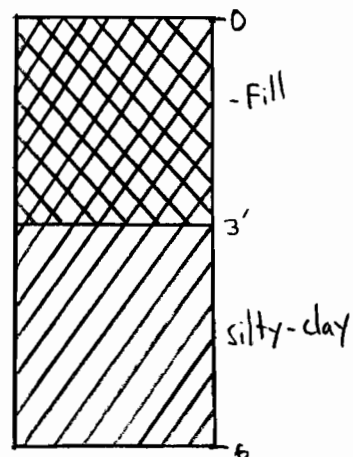
6 As above, moist.

Comments: No XRF results were collected due to proximity to TP-01

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP05

Project Name: Former Rublin Steel Site SI/RAR

Project No: 002006

Project Location: Dunkirk, NY

Date: 9-4-02

Description Northeast corner

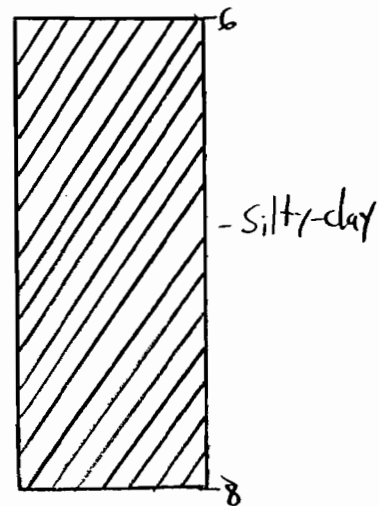
Depth 8'

6	<u>Brown silty-clay, w/ gray mottles, moist. P10-0 pen</u>
7	<u>As above</u>
8	<u>As above</u>
9	
10	
11	
12	

Comments:

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzell

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP06

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

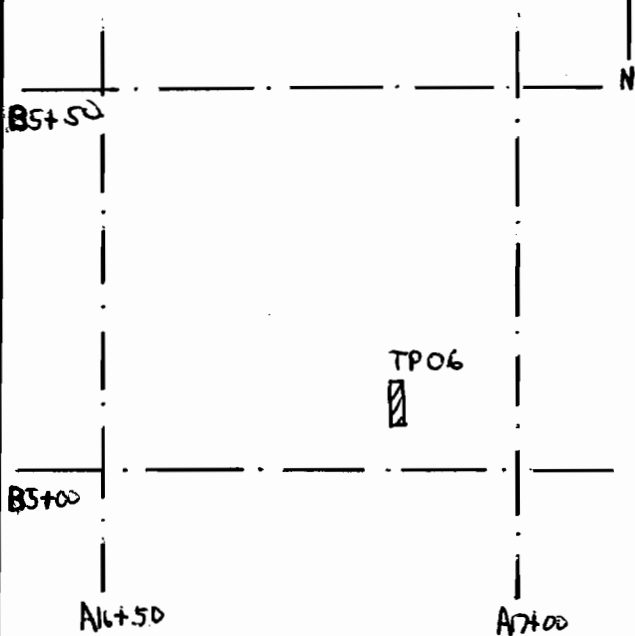
Description Northeast corner A16+77 / B5+6

Depth 9'

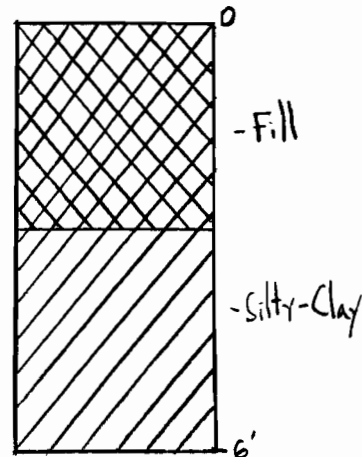
0	Surface: <u>overgrown grass and brush</u>
1	<u>Brown sand (f,m) and gravel, dry. PID - 0 ppm Pb - 70 ppm</u> <u>Black sand (f), trace clay, trace cinders, ash, trace brick pieces, dry</u>
2	
3	<u>Dark gray silty-clay, some cobbles, moist. PID - 0.1 ppm Pb - < 87 ppm</u>
4	
5	<u>As above w/ Brown silty clay, wet</u>
6	<u>As above, saturated</u>

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP06

Project Name: Former Roblin Steel Site SE/RAR

Project No: 002006

Project Location: Dunkirk, NY

Date: 9-4-02

Description Northwest corner A16+77 / B5+6

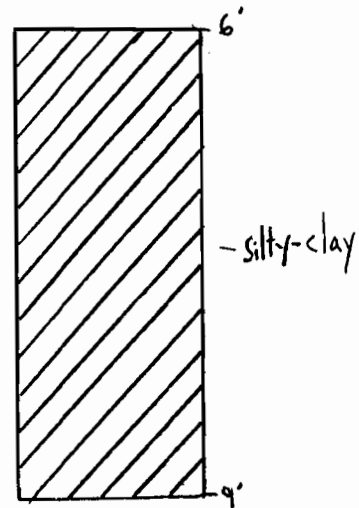
Depth 9'

6	<u>Brown silty-clay, saturated</u>
7	<u>As above</u>
8	<u>As above.</u>
9	<u>Brown silty-clay with orange and gray mottles, saturated. PID. Oppm Pb-NO</u>
10	
11	
12	

Comments: Test pit concluded at 9' bgs.

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzell

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TPO7

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

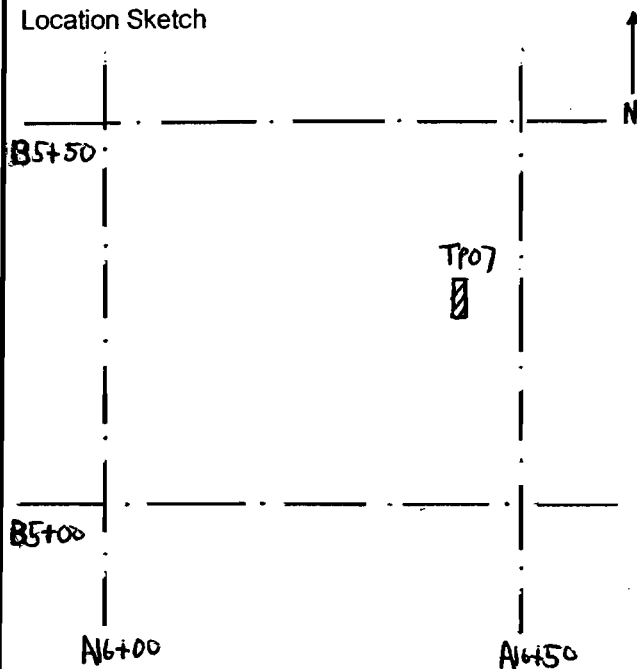
Description Northeast corner A16+40 / B5+25

Depth 4'

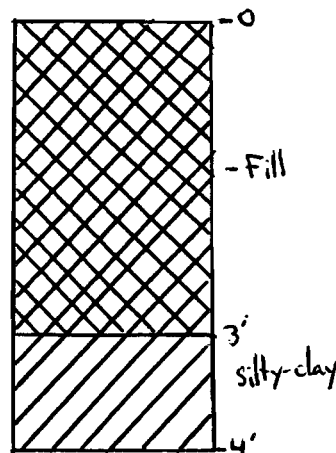
0	Surface: <u>over grown grass and brush</u>
1	<u>Brown sand (F,m), trace cobbles, dry. PID-0ppm Pb-ND</u> <u>Black sand (F), some cyinder, ash, trace brick pieces, dry</u>
2	
3	<u>Brown silty-clay, w/ gray mottles, dry. PID-0ppm, Pb-ND</u>
4	
5	
6	

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP08

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

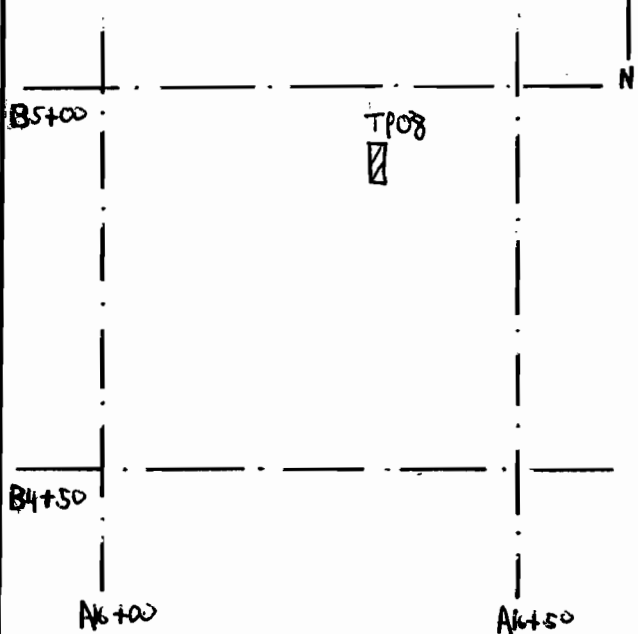
Description North east corner A6+30 / B4+85

Depth 5.5'

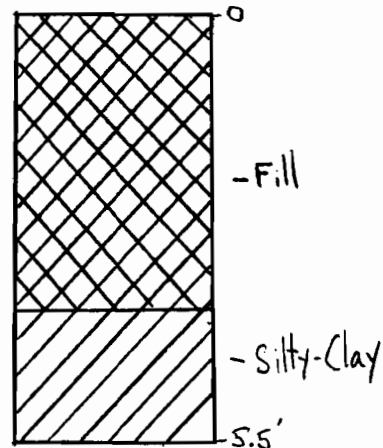
0	Surface: <u>over grown grass</u>
1	<u>Brown sand (f.m), and gravel, dry</u> <u>Dark Brown to Black sand (f), trace ash, cylinders, dry</u>
2	
3	<u>As above, encountered 2" diameter pipe w/ strong diesel smell within</u> <u>PIID within pipe = 100ppm Pb around pipe was < 63ppm</u>
4	<u>Gray and Brown silty-clay, dry. Pieces of concrete w/ rebar were</u> <u>encountered at this depth</u>
5	<u>As above, w/ no concrete pieces.</u>
6	

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP09

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

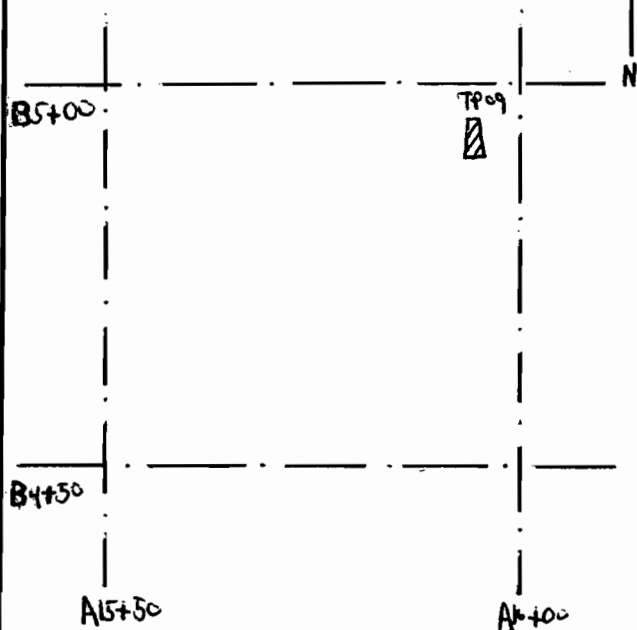
Description Northwest corner A15+95 / B4+75

Depth 5.5'

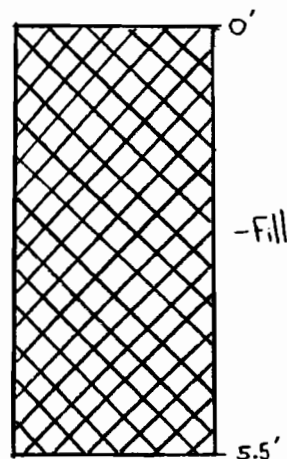
0	Surface: overgrown grass
1	Brown to Dark Brown Sand (F, M), and gravel, trace wood, brick pieces, metal pieces encountered concrete w/ rebar, dry
2	As above
3	As above, w/ 2" diameter pipe, which had a strong diesel smell within and around the pipe
4	As above.
5	As above.
6	

Comments: Encountered an impassable barrier at 5.5' bgs

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP10

Project Name: Former Roblin Steel Site SE/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

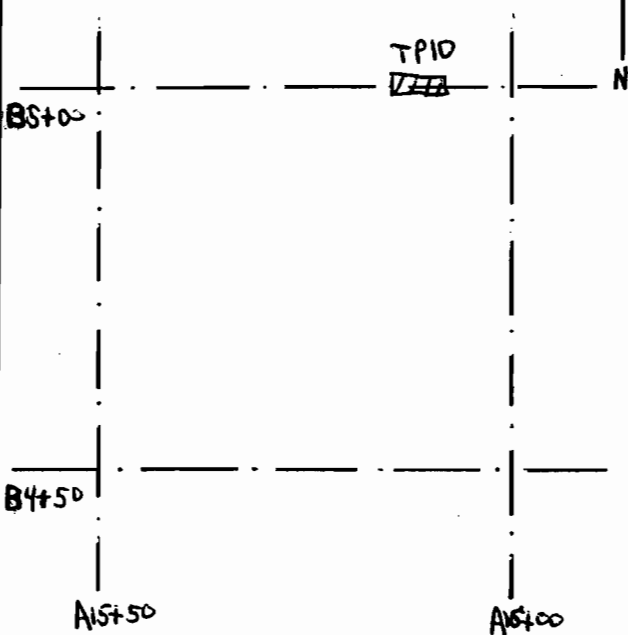
Description Northwest corner A15+80 / B5+00

Depth 8'

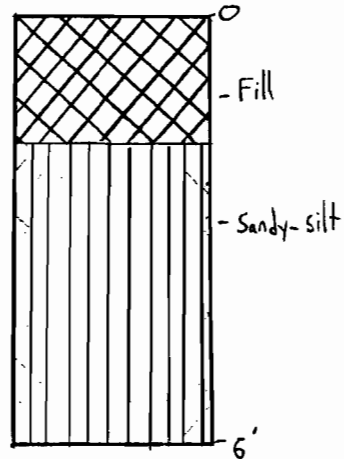
0	Surface: <u>Overgrown grass</u>
1	<u>Dark Brown sand (m), and gravel, dry, soil was visibly stained w/ petroleum product, 2" diameter pipe. PID - 52ppm Pb - ND</u>
2	<u>Brown sand (f,m), dry.</u>
3	<u>Gray sandy-silt, and gravel, dry.</u>
4	<u>As above</u>
5	<u>As above. PID - 46ppm, Pb - < 72ppm.</u>
6	<u>As above moist</u>

Comments: Gravel content was less as the pit got deeper.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP10

Project Name: Former Roblin Steel Site SE/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

Description Northeast corner A15+80 / B5+00

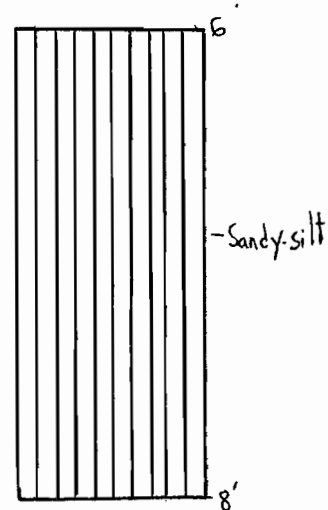
Depth 8'

6	As above, moist
7	As above
8	As above, w/ shale pieces, and pieces of vitrified clay pipe. PID-0ppm Pb-ND.
9	
10	
11	
12	

Comments: Weathered shale encountered at 8' along w/ vitrified clay pipe

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzell

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP11

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

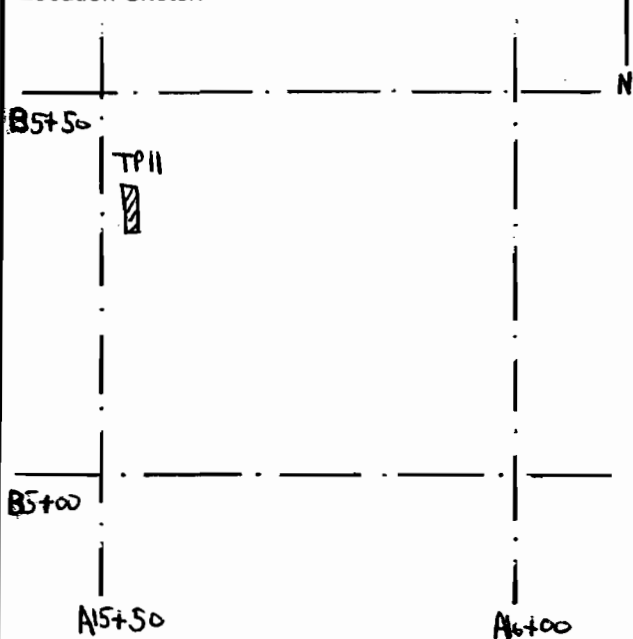
Description North east corner A15+56 / B5+27

Depth 7'

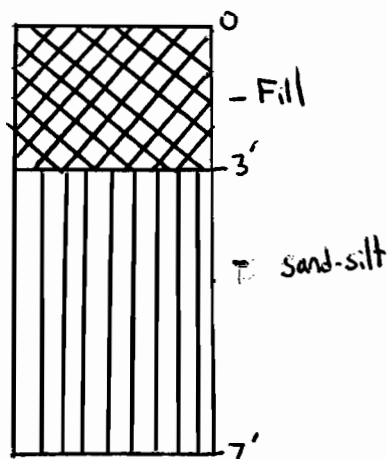
0	Surface: <u>overgrown grass and brush</u>
1	<u>Black sand (F), some cinders, ash, dry w/ pipe (2" dia.)</u> PID-0.1ppm Pb-NO
2	<u>As above.</u>
3	<u>Gray - sandy-silt, trace shale pieces, dry.</u>
4	<u>Brown - sand-silt, dry</u>
5	<u>Gray sandy-silt, trace shale pieces, dry</u> PID-0ppm Pb-NO
6	<u>As above.</u>
7	<u>As above, moist.</u>

Comments: RSS-TP11-024-S-0 was submitted for chemical analysis

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP12

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

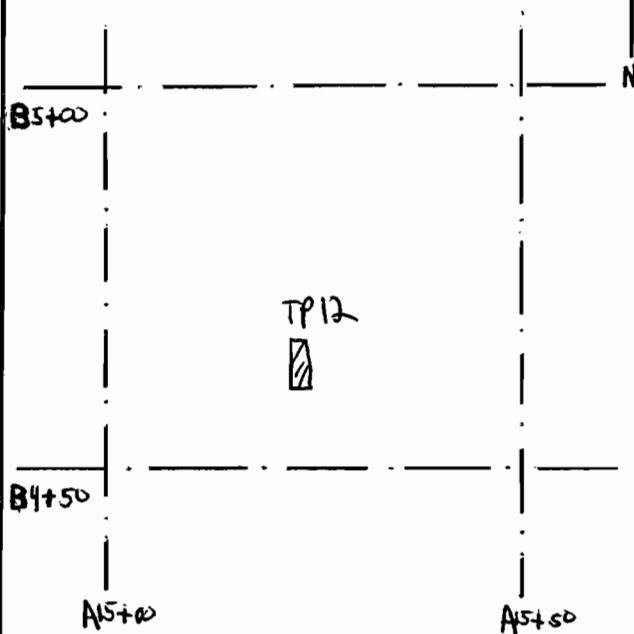
Description North east corner A15+26 / B4+63

Depth 8'

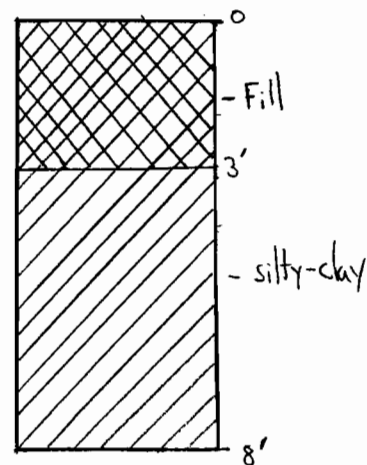
0	Surface: <u>Brown sand (m) and gravel</u>
1	<u>Brown sand (f,m) and gravel, dry PIO 1.5ppm Pb - 99.4ppm</u>
2	<u>As above, trace black sand (F)</u>
3	<u>Gray and Brown silty-clay, w/gray mottles, trace sand, dry.</u>
4	<u>As above</u>
5	<u>As above</u>
6	<u>Brown silty-clay, w/gray mottles, trace sand, dry. PIO-0ppm Pb-NP</u>

Comments: Concluded Test Pit @ 8' bgs on top of weathered shale

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP13

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

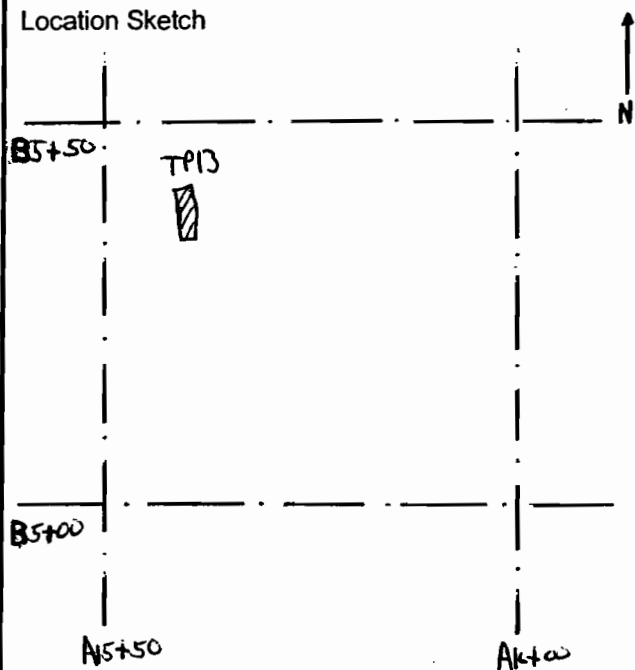
Description Northeast corner A15+65 / B5+30 near southern property line

Depth 7'

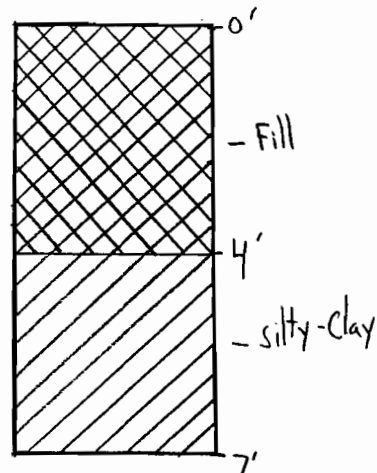
0	Surface: <u>Overgrown grass and brush</u>
1	<u>Brown sand (f,m) and gravel, dry. PID-0.3ppm, Pb-ND</u> <u>Black sand (f), some ash, sinters, several railroad ties, dry.</u>
2	
3	<u>As above.</u>
4	<u>Gray silty-clay, trace shale pieces, dry PID-0ppm, Pb- <71ppm</u>
5	<u>As above.</u>
6	<u>As above, moist.</u>

Comments: Concluded Test Pit @ 7' bgs on weathered gray shale

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TPI4

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-02

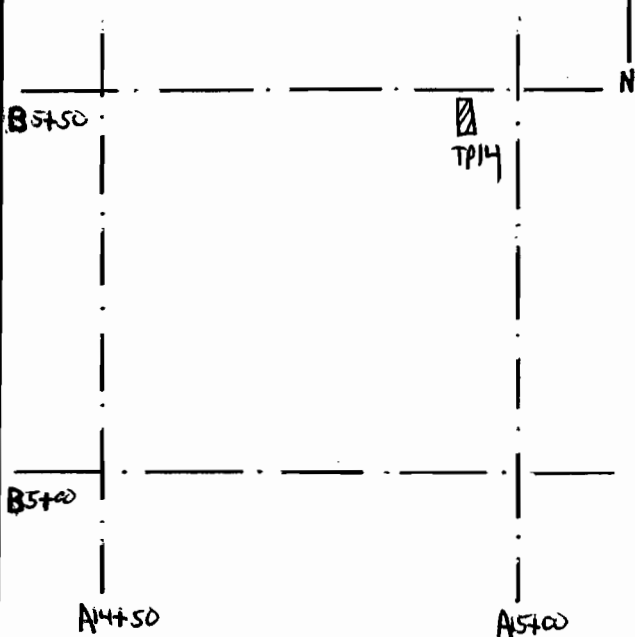
Description Northeast corner west of Northeast access gate A14+83 / B5+47

Depth 11'

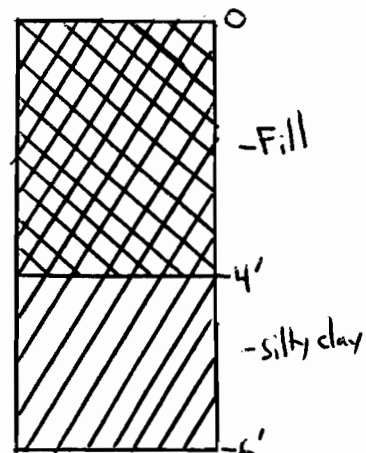
0	Surface: <u>Brown sand (m) and gravel</u>
1	<u>Brown sand (F,m) and gravel, dry</u>
2	<u>As above, and black sand (F), ash, cinders, trace brick pieces, dry.</u>
3	<u>As above.</u>
4	<u>Gray-Brown silty-clay, strong diesel smell, dry. PID- 42ppm Pb- ND</u>
5	<u>As above</u>
6	<u>Brown silty-clay w/ gray mottles, moist.</u>

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP14

Project Name: Former Rublin Steel Site SI/RAR

Project No: 002006

Project Location: Dunkirk, NY

Date: 9-4-02

Description North east corner west of northeast access gate A14+ 83 / B5+47

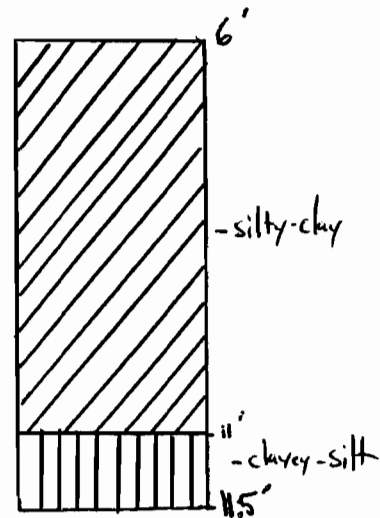
Depth 11'

6	Brown silty-clay w/gray mottles, moist
7	As above. P.D. - 0ppm, Pb - ND
8	As above
9	As above P.D. - 0ppm Pb - < 88ppm
10	As above gray silty-clay
11	As above.
12	

Comments: Concluded Test Pit @ 11' bgs on top of weathered gray shale.

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP15

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

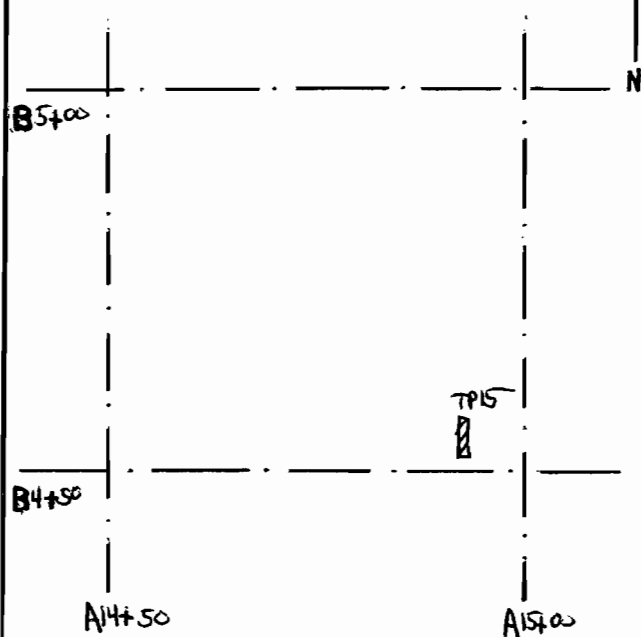
Description Northeast corner east of Gravel road A14+94 / B4+53

Depth 7'

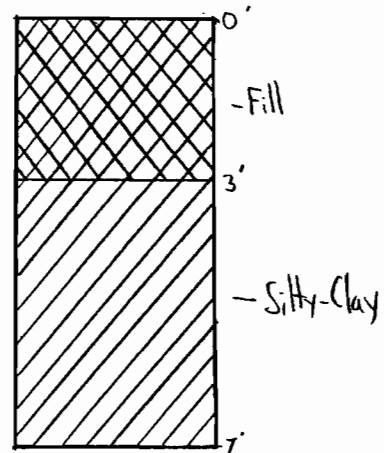
0	Surface: <u>Brown sand (m) and gravel</u>
1	<u>Brown sand (F,m) and gravel, dry w/ 2" diameter pipe.</u>
2	<u>Black sand (F), some ash, cinders, trace gravel, dry P10- 1.8ppm Pb-NO</u>
3	<u>Gray: silty-clay, trace sand, dry. P10- 0.8ppm Pb-NO</u>
4	<u>Brown silty clay, moist.</u>
5	<u>As above</u>
6	<u>As above.</u>

Comments: Concluded Test Pit @ 7' bgs

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP16

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

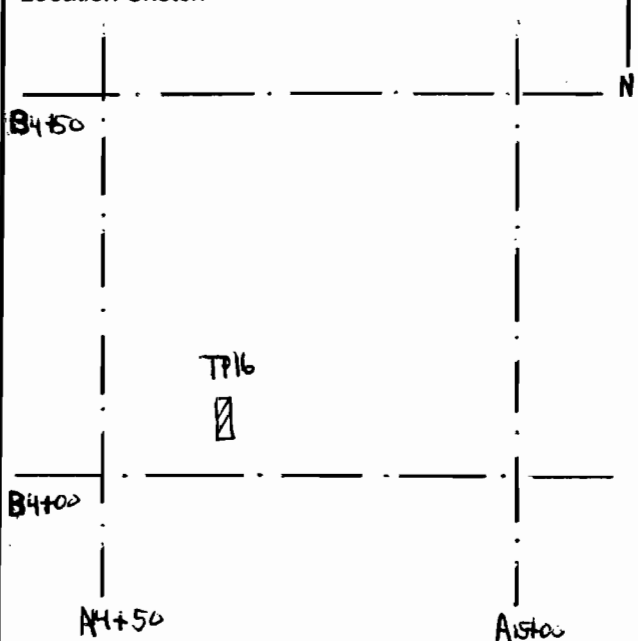
Description Northeast corner south of TP15 A14+71 / B4+7

Depth 7'

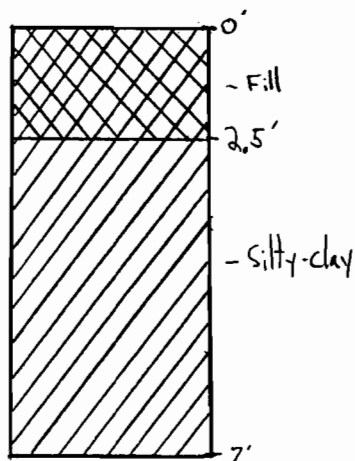
0	Surface: overgrown grass and brush
1	Brown sand (f,m), and gravel, dry, w/ railroad tie. PID-0ppm Pb-ND
2	Black sand (f), some ash, cinders, dry. Gray silty-clay, dry PID-2.5ppm Pb-ND mild Diesel odor
3	
4	Brown silty-clay, moist. PID & Pb-ND
5	As above
6	As above.

Comments: Concluded Test Pit @ 7' by 5'

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP17

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-4-03

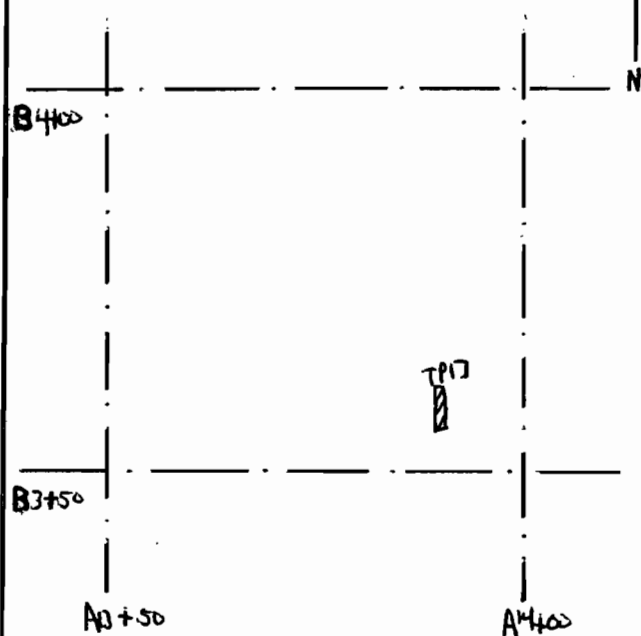
Description West of Building on east side of Gravel Road A13+91 / B3+57

Depth 8'

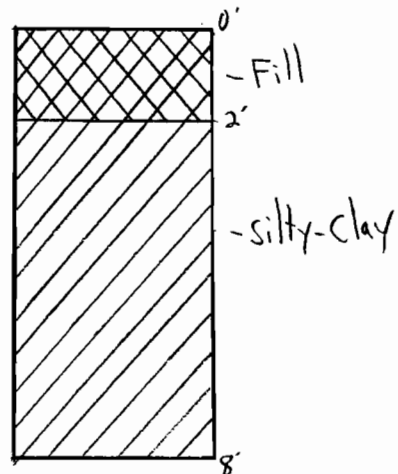
0	Surface: <u>Brown sand(m) and gravel.</u>
1	<u>Black sand (F) some ash, cinders, dry</u> <u>Gray silty-sand (F), w/ orange + yellow mottles, dry.</u>
2	<u>Brown silty-clay, moist.</u>
3	<u>As above.</u>
4	<u>As above.</u>
5	<u>As above.</u>
6	<u>Gray silty-clay, some shale pieces, wet (Weathered Shale).</u>

Comments: Test pit concluded @ 7' bgs + P10 + P6 = Oppm throughout.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP18

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

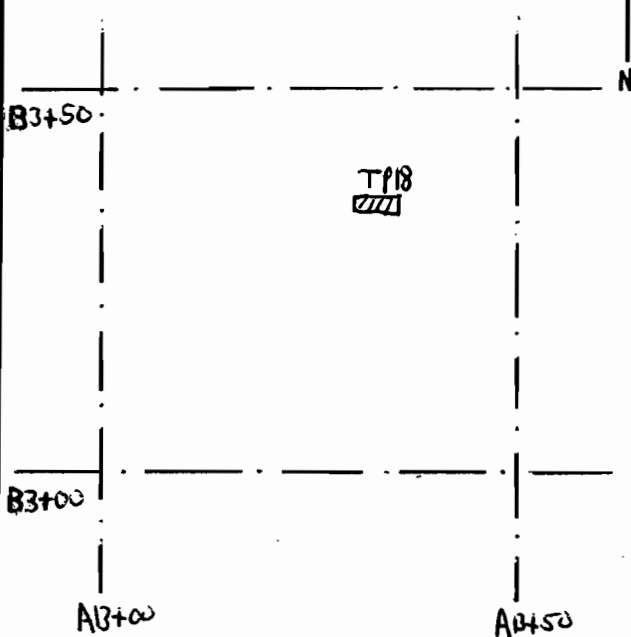
Date: 9-4-03

Description Approximately 160' east of Building on west side of gravel road A13+36/B3+27
Depth 7'

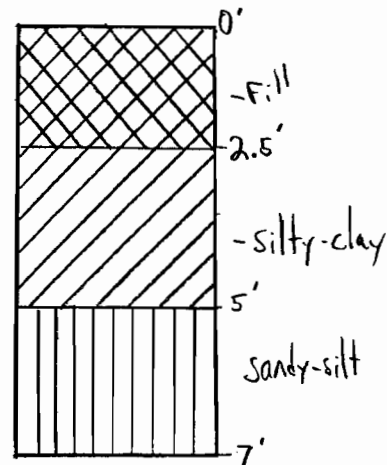
0	Surface: Gray sand (m) and gravel (f, am), dry
1	As above.
2	
3	Black sand (f) some ash and cinders, dry Brown silt-clay, moist. P10- 1.5ppm
4	As above
5	Gray sandy-silt (weathered shale), some shale pieces, moist.
6	As above.

Comments: Refusal at 7.0' bgs on top of gray shale Pb-ND throughout

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP 19

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

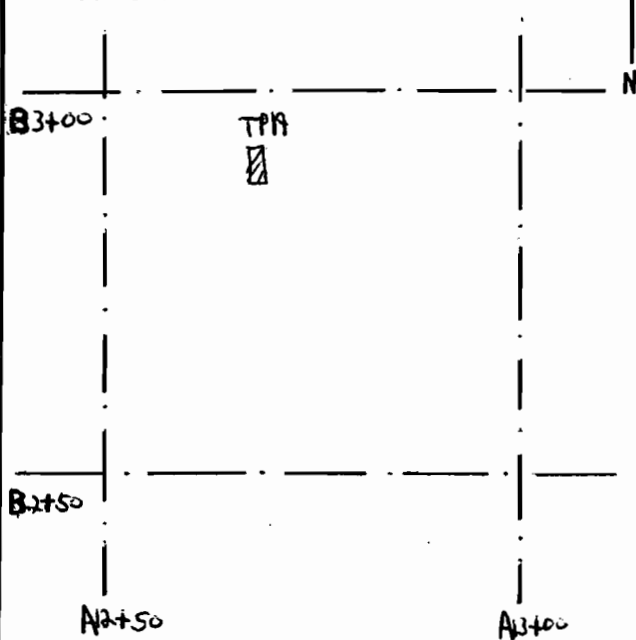
Date: 9-4-03

Description Approximately 100' east of the building on the west side of the gravel road A12+71/B2+83
Depth 5'

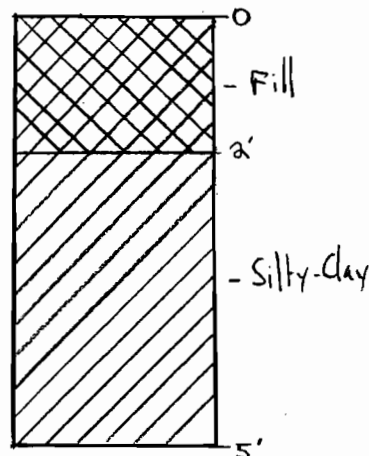
0	Surface: <u>Brown sand(m) and gravel, dry.</u>
1	<u>Black sand(F), some ash, cinders</u>
2	<u>Brown silty-clay, moist.</u>
3	<u>As above</u>
4	<u>As above</u>
5	<u>As above. Encountered refusal on top gray shale.</u>
6	

Comments: Refusal on Gray shale at 5' bgs. P10 + P6 - NO throughout.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP20

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

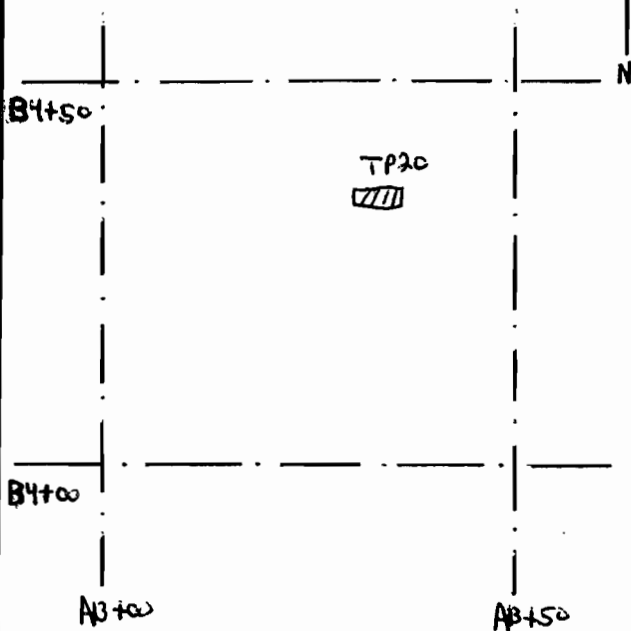
Description East of Former Building No. 47 A13+34 / B4+33

Depth 7'

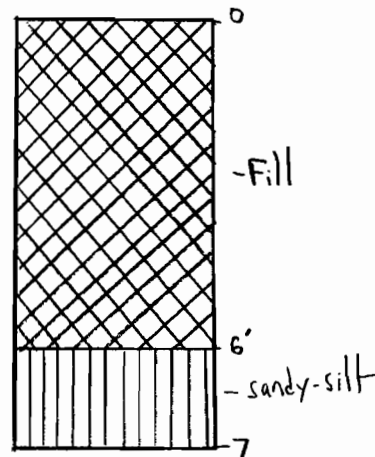
0	Surface: <u>Dark Brown sand (f.m), some gravel, dry</u> <u>Black sand (f), trace cinders, some ash, dry. PID-Open Pb-ND</u>
1	<u>Brown sandy-silt, trace cobbles, moist PID - 1.7ppm Pd-ND</u>
2	
3	<u>As above</u>
4	<u>As above</u>
5	<u>As above</u>
6	<u>Gray sandy-silt (weathered shale), trace shale pieces moist. PID-NO Pb < 7ppm</u>

Comments: Concluded Test Pit at 7' bjs in weathered shale

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP21

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

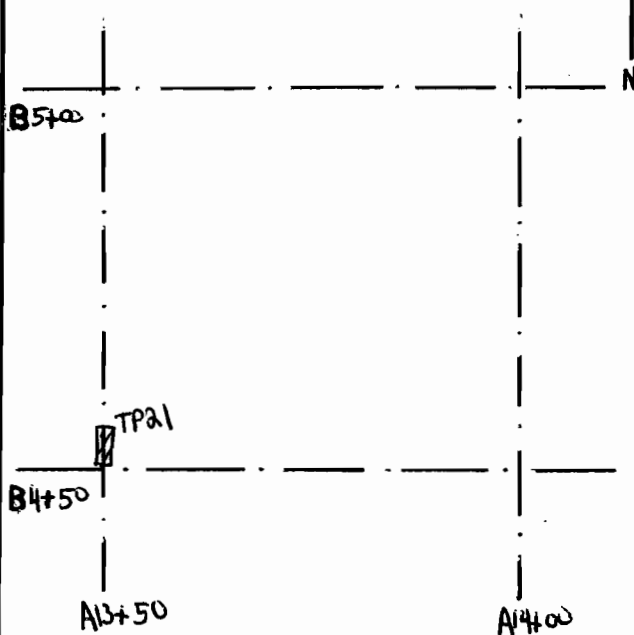
Description East of Former Building No. 47 A13+51 / B4+50

Depth 7'

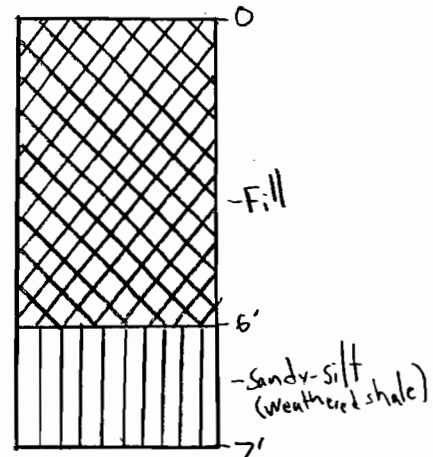
0	Surface: <u>Black sand (F), trace gravel, dry.</u>
1	<u>Dark Brown sand (f,m) and gravel (f,ang.) w/ a rail road tie, dry PID-0.5ppm Pb-NO</u>
2	<u>Brown sandy-silt, trace cobbles, dry. PID-0.5ppm Pb- < 82ppm</u>
3	<u>As above.</u>
4	<u>As above.</u>
5	<u>As above.</u>
6	<u>As above, trace shale pieces, moist.</u>

Comments: Encountered weathered shale @ 7' logs

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP22

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

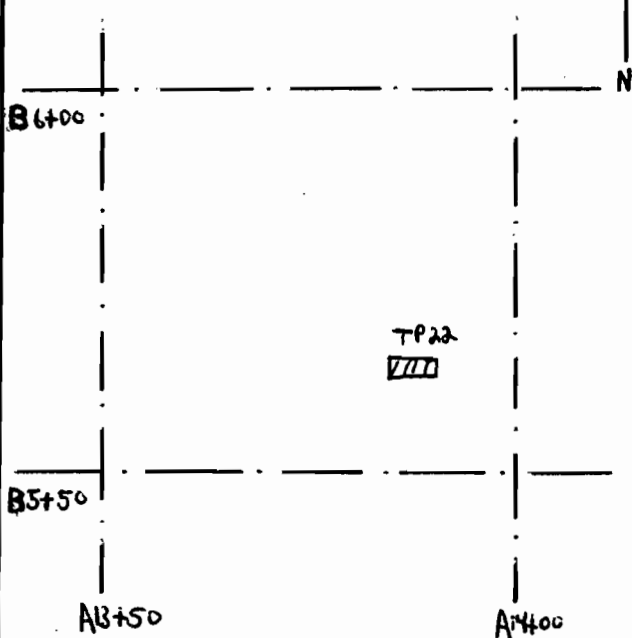
Description Gravel road along northern property line, near northeast access gate A13+82/B5+61

Depth 2'

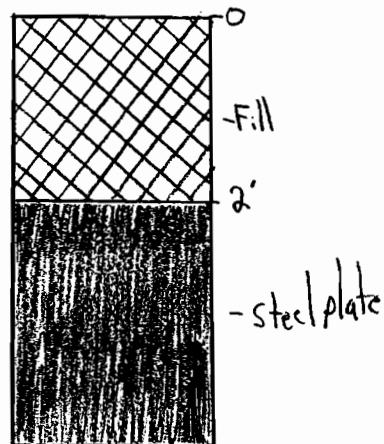
0	Surface: <u>Brown sand (m) and gravel.</u>
1	<u>Brown sand (f,m), trace pieces of slag, bricks, dry.</u>
2	<u>As above encountered steel plate. PID-0 ppm Pb-0 ppm.</u>
3	
4	
5	
6	

Comments: Encountered impassible steel plate at 2' bgs

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP23

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

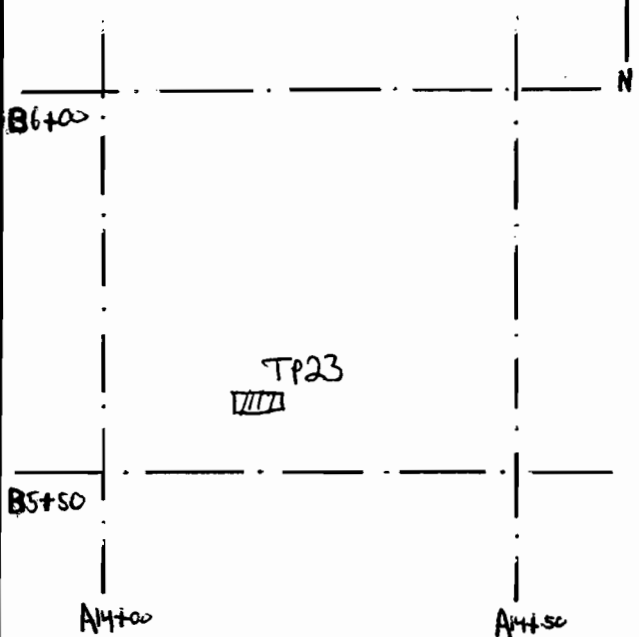
Description Gravel road along northern property line, near northeast access gate A14+21/B5+60

Depth 7'

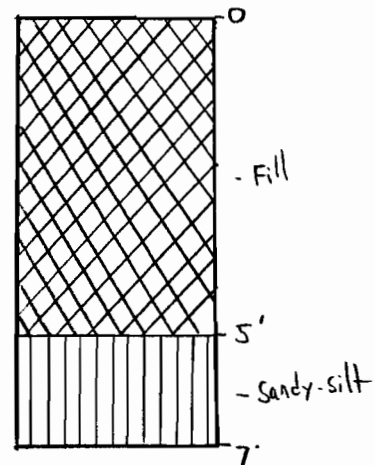
0	Surface: <u>Brown sand (m) and gravel.</u>
1	<u>Brown sand (f,m) and gravel, little cobbles, trace slag, dry.</u>
2	<u>As above, moist.</u>
3	<u>Gray-brown sand (f,m), trace silt, and gravel, trace bricks, moist. Pb - 110ppm</u>
4	<u>As above</u>
5	<u>Brown sandy silt, w/gray mottles, moist Pb - 0ppm</u>
6	<u>As above and to 7' bgs.</u>

Comments: PIO = 0ppm throughout Test Pit; Encountered inactive electrical conduit @ 3' bgs

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP24

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

Description South of gravel road along northern property line on east half of site A11+45 / B5+58

Depth 1'

0 Surface: Brown sand (m) and gravel.
Brown sand (m), and gravel, some brick pieces, slag, dry.

1

2

3

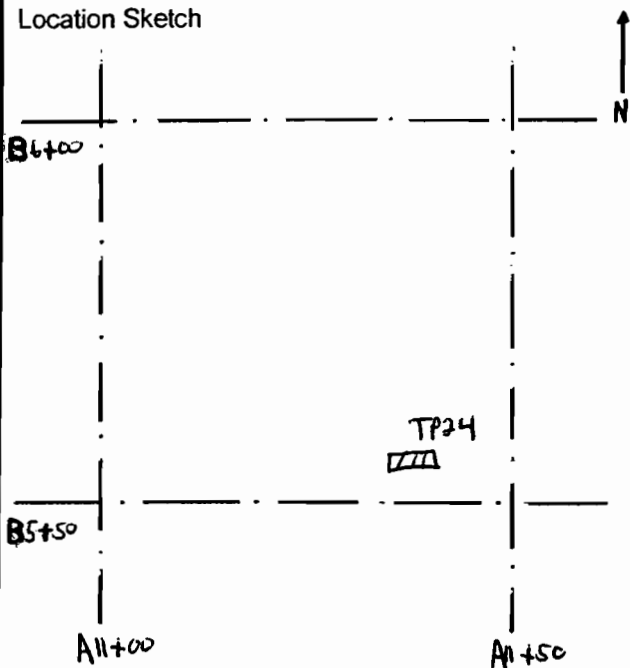
4

5

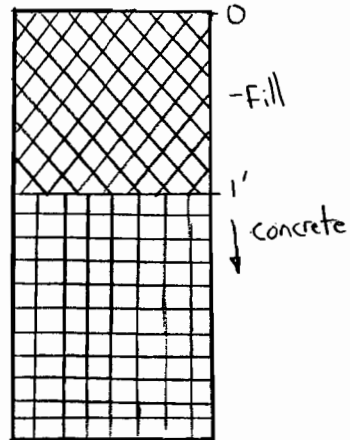
6

Comments: Impassable concrete barrier at 1' bgs + PFD, Pb = Oppm throughout.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP25

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

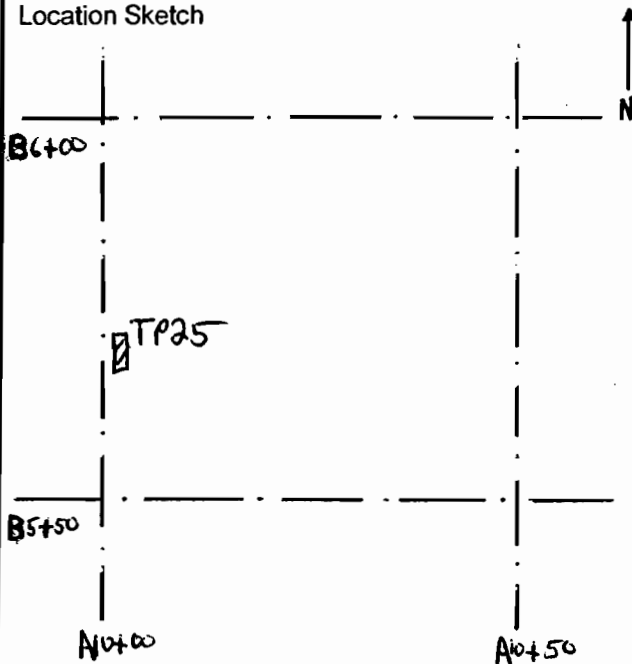
Description South of gravel road along northern property line, centrally located A10+2 / B5+65

Depth 6'

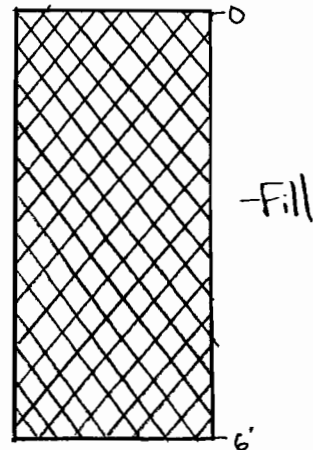
0	Surface: <u>Brown sand(m) and gravel, bricks.</u>
1	<u>Brown-gray sand(m), and gravel, trace brick pieces, slag, dry.</u>
2	<u>Gray gravel, some sand(m,c), trace cobbles, Black sand(F), trace brick pieces, dry. PbO - 4.1 ppm, Pb - 152 ppm</u>
3	<u>As above, moist</u>
4	<u>As above, wet.</u>
5	<u>As above, saturated.</u>
6	

Comments: Ground water rushed into hole @ 5' bps & had to conclude hole @ 6' bps due to frequent collapse

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP26

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

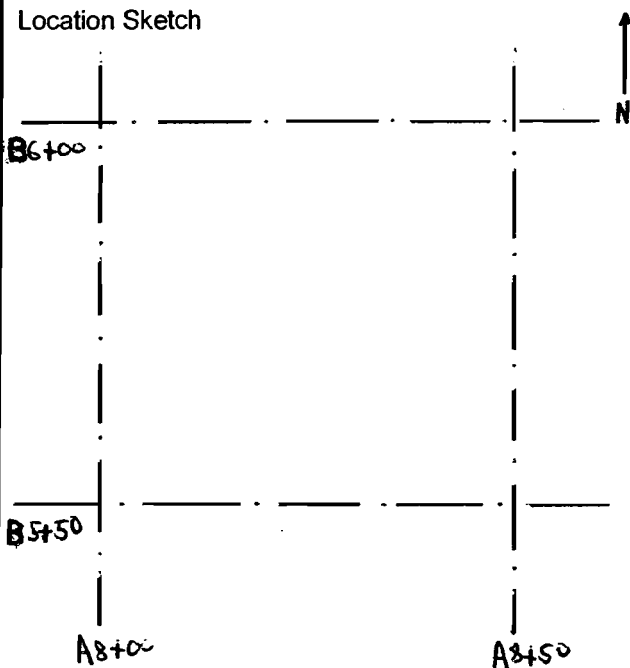
Description South of gravel road along northern property line A8+36 / B5+68

Depth 5'

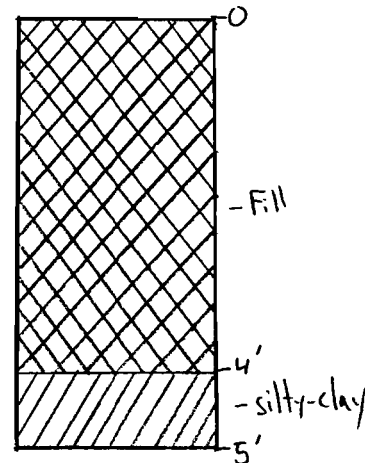
0	Surface: <u>Brown sand(m) and gravel.</u>
1	<u>Brown-gray sand (m,F) and gravel, dry</u> <u>PII-0.2ppm, Pb-530ppm</u>
* 2	<u>Black sand(F), trace ash, cinders, dry</u> <u>PII-0, Pb-202, ppm</u>
3	
4	<u>Brown silty-clay, w/ gray mottles, dry.</u> <u>PII + Pb-0ppm</u>
5	
6	

Comments: * Collected RSS-TP26-5-0 from this Test Pit for chemical analysis

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP27

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

Description West half of site, south of north gravel road

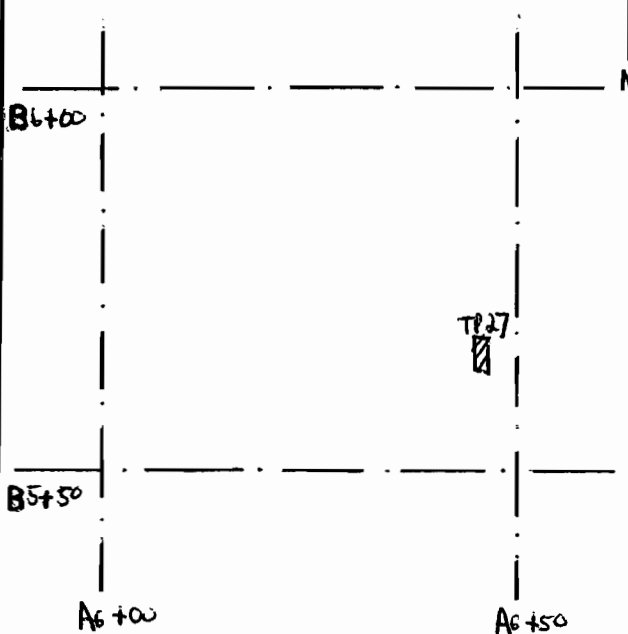
A6+45 / B5+68

Depth 5'

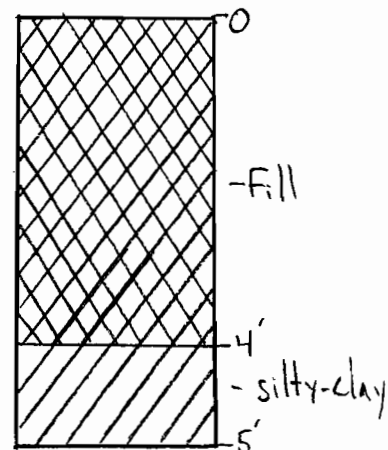
0	Surface: <u>Brown sand(m) and gravel, dry.</u>
1	<u>Brown sand(m, f) and gravel, dry.</u>
2	<u>Gray gravel (m), trace ash, cinders, rail road tie, strong coal tar smell, dry.</u> <u>PII - 3.5 ppm</u>
3	<u>As above.</u>
* 4	<u>Gray silty-clay w/orange mottles, dry. PII - 0 ppm</u>
5	<u>As above, moist.</u>
6	

Comments: Collected RSS-TP27AS-0 for chemical analysis; Pb - 0 ppm through out

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP 28

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-02

Description Wood Block flooring area, west half of site A4+97 / B4+5

Depth 2"

0 Surface: 2" x 2" x 2" Wooden Floor Blocks underlain by concrete

1

2

3

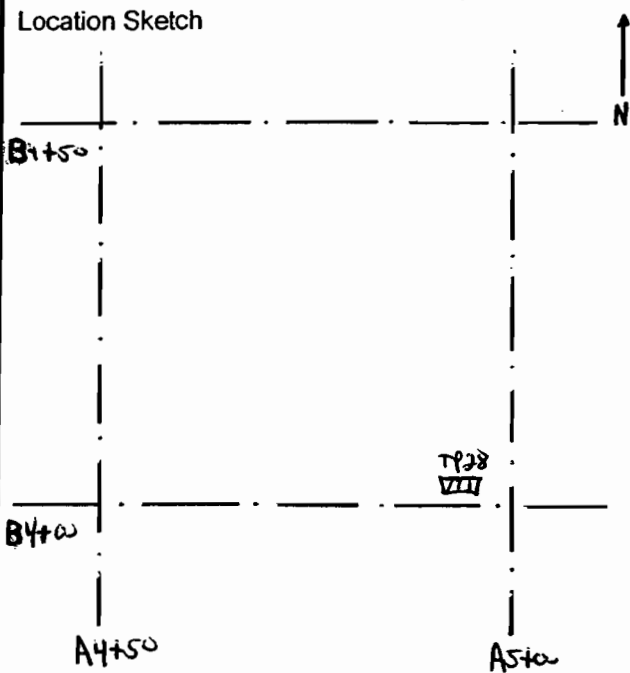
4

5

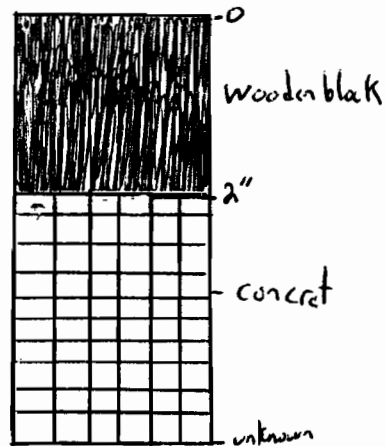
6

Comments: Objective of Test pit was to determine what was beneath wooden blocks

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP 29

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-02

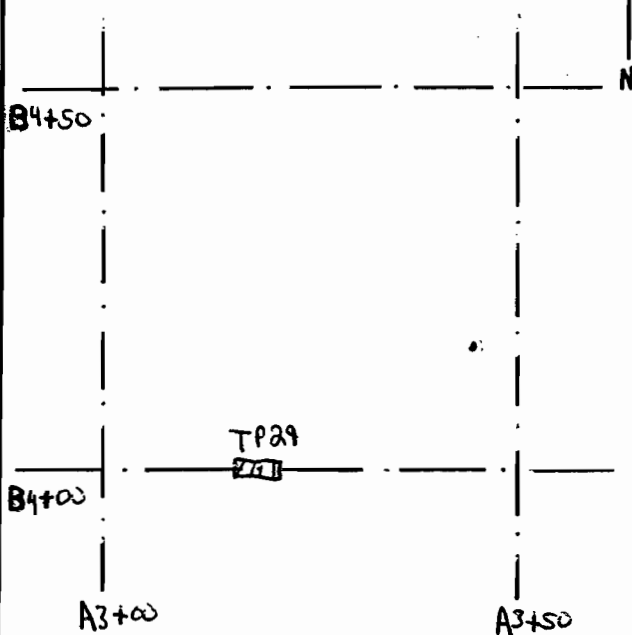
Description West side of site south of former electrical substation A3+21 / B4+00

Depth 5'

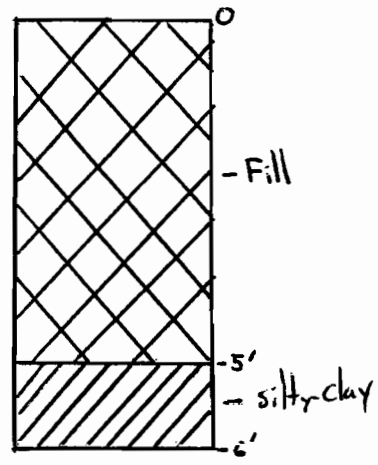
0	Surface: <u>overgrown grass</u>
1	<u>Brown sand (f.m) and gravel, dry</u>
2	<u>As above</u>
3	<u>As above</u>
4	<u>As above</u>
5	<u>Brown silty-clay w/orange and gray mottles, dry. Pb- 170ppm</u>
6	

Comments: Encountered foundation on south side of pit @ 5' base, PID-open throughout

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP30

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-5-03

Description West side of site, within former Furnace Pit No. 1

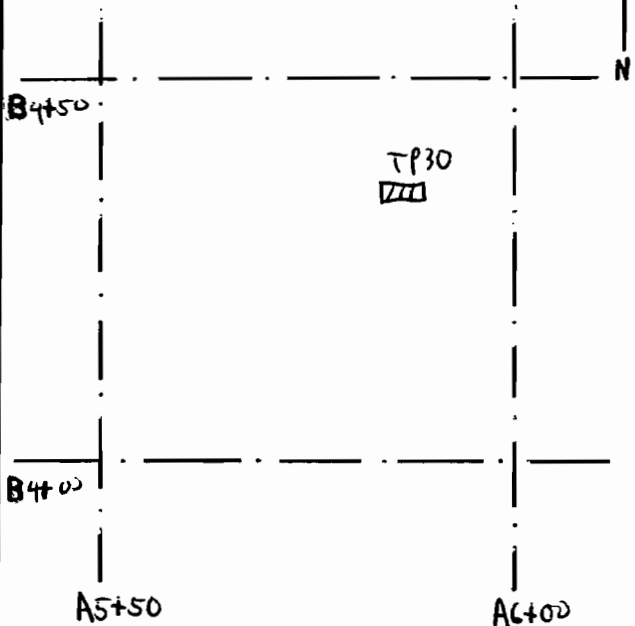
A5+85 / B4+27

Depth 5'

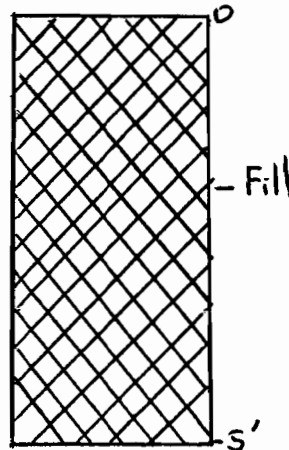
0	Surface: <u>Overgrown brush and sopping trees</u> <u>Brown sand (f.m) and gravel, dry</u>
1	
2	<u>As above.</u>
3	<u>Black ash, and rinders</u>
4	<u>Gray sand (c) and gravel, moist</u>
5	<u>As above, encountered concrete foundation and groundwater Pb-63ppm</u>
6	

Comments: Hit a concrete foundation @ 5' bgs + groundwater; 110-0ppm thru/art.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP31

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-6-03

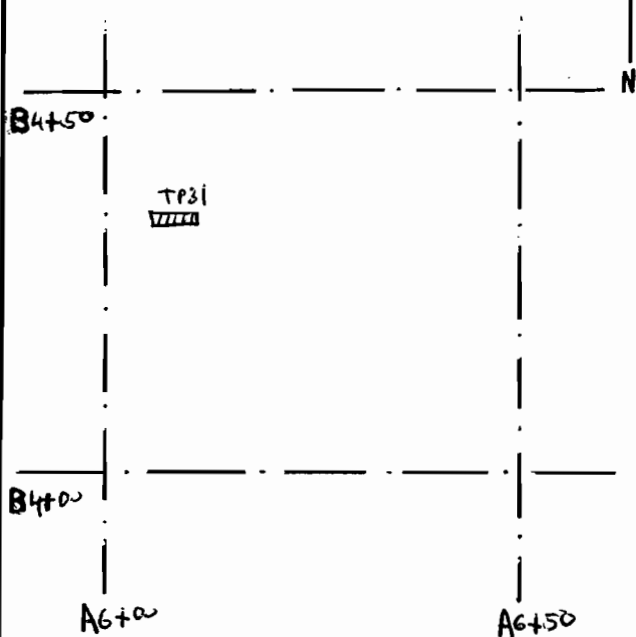
Description West side of site within former Furnace Pit No. 2 AG+13 / B4+2

Depth 4.5'

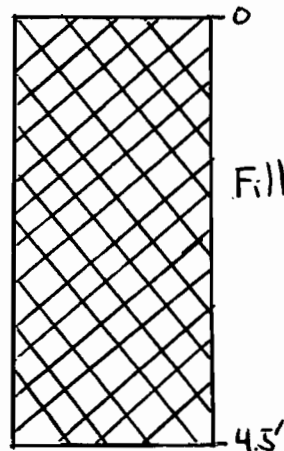
0	Surface: <u>Overgrown brush and saplings</u> <u>Brown Sand (F,m) and gravel, trace cobbles, trace brick pieces, trace silt, dry.</u>
1	
2	<u>Gray Sand (C) and gravel, trace cobbles, moist</u>
3	<u>Black sand (F), and ash, cinders, saturated.</u>
4	<u>As above.</u>
5	
6	

Comments: Completed Test Pit @ 4.5' bgs on concrete foundation, groundwater was encountered @ 3' bgs

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP32

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-6-02

Description West side of site, within former furnace pit No. 3. A7+25 / B4+32

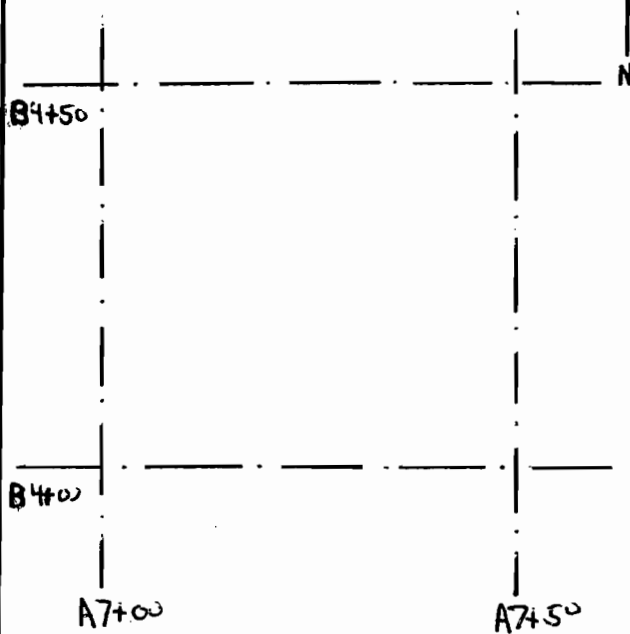
Depth 6' bgs

0	Surface: overgrown brush and sapling trees
1	Brown sand (f.m) and gravel, dry
2	As above.
3	As above. moist
* 4	As above. wet
5	Gray-brown sand (e) and gravel, saturated. Noticeable Sheen observed.
6	As above. ^{DAB}

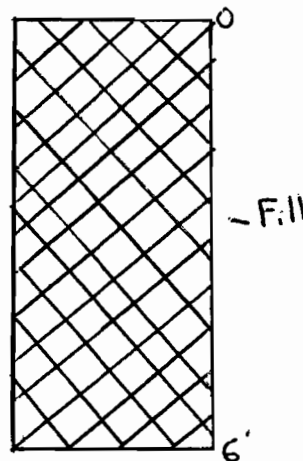
* Collected RSS-TP32-AS-0, MS, MSO for chemical analysis.

Comments: Groundwater encountered @ 5' bgs; PID @ 6' - 0 ppm throughout; (concluded pit @ 6' bgs due to hole clog)

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP 33

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 9-6-03

Description East half of site within Former Building No. 47 Footprint

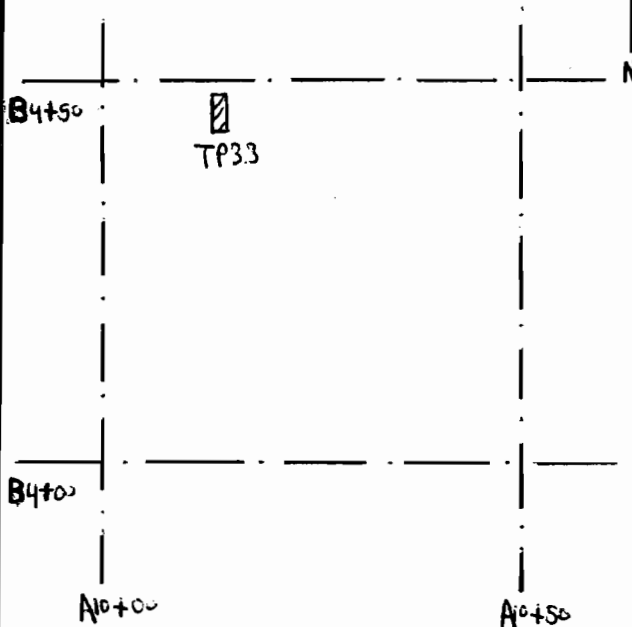
A10+19 / B4+40

Depth 6'

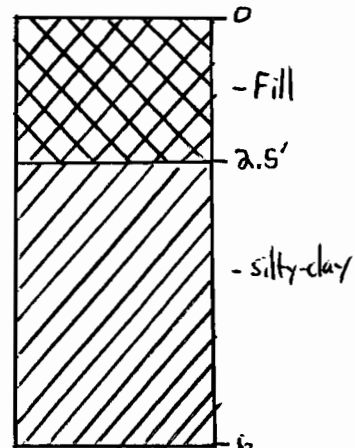
0	Surface: <u>Brown-gray sand (m) and gravel, trace clay</u>
1	<u>Brown sand (m, f) and gravel, trace cobbles, trace black sand (f), dry. PID-0ppm; Pb-118ppm</u>
2	
3	<u>Gray silty-clay, w/mild petroleum odor. PID-22.1ppm Pb-0ppm</u>
4	<u>As above.</u>
5	<u>As above.</u>
6	<u>As above.</u>

Comments: Collate RSS-TP33AS-0 for VOCs only

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP34

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 10-1-03

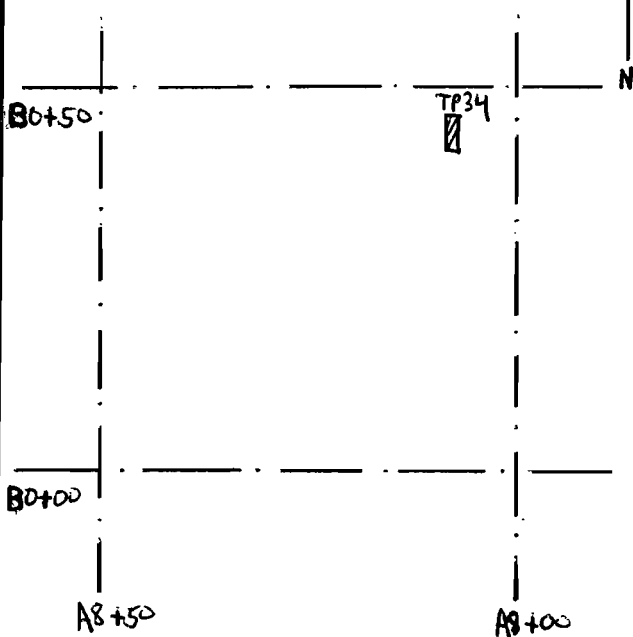
Description Southern corner of site A8+80 / B0+40

Depth 2' 3"

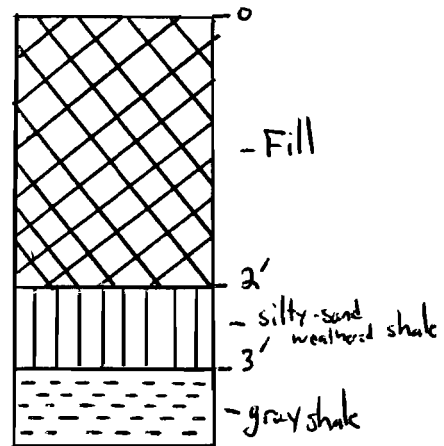
0	Surface: <u>overgrown grass</u>
1	<u>Brown sand (m, f), some gravel, trace cobbles, dry</u>
2	<u>Brown sand (f), trace cobbles, trace shale pieces, trace black sand, dry.</u>
3	<u>Gray silty-sand (weathered shale), trace shale pieces, dry.</u>
4	
5	
6	

Comments: encountered gray shale @ 2' 3" bgs; PID + XRP not available

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP35

Project Name: Former Roblin Steel Site SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 10-1-03

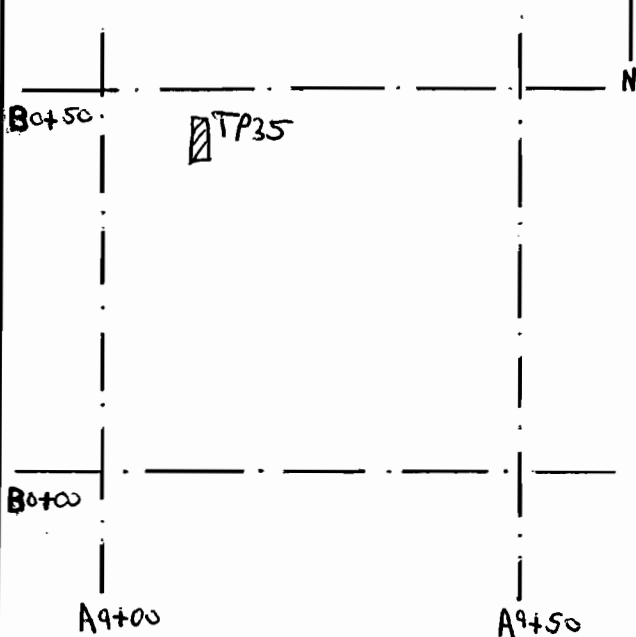
Description Southern most area of site A9+20 / B0+40

Depth 2' 8"

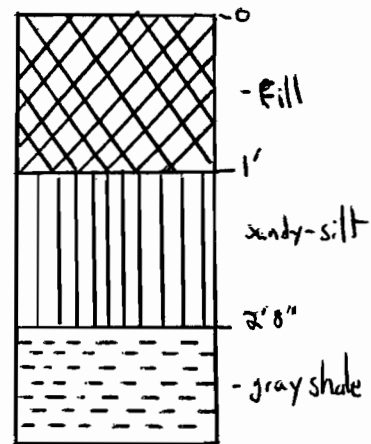
0	Surface: <u>overgrown grass</u>
1	<u>Dark brown and brown sand(f), trace black sand(f), and gravel, dry</u>
2	<u>Brown sandy-silt, and shale pieces, dry.</u>
3	<u>Gray sandy-silt (weathered shale), and shale pieces, dry</u>
4	
5	
6	

Comments: Encountered gray shale @ 2' 8" bgs, PID+XRF not available

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP36

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

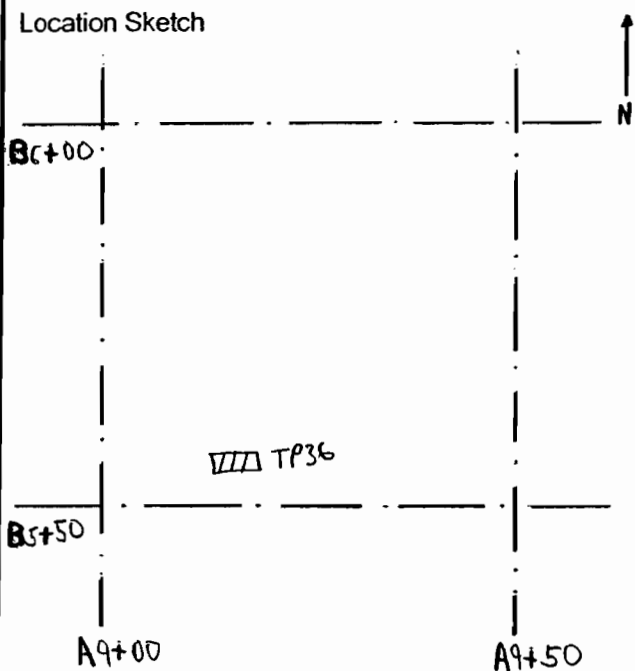
Description East of MW07 A9+17 / B5+61

Depth 10.5'

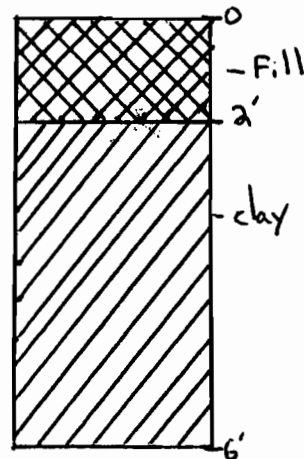
0	Surface: <u>Brown sand (f.m) and gravel, and cobbles, dry, loose.</u>
1	
2	<u>Brown/gray clay, trace silt, w/orange gray mottles, moist, stiff, strong fuel oil odor + ammonia odor.</u>
3	
4	<u>As above.</u>
5	<u>As above.</u>
6	<u>As above.</u>

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP36

Project Name: Former Rublin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

Description East of MW07

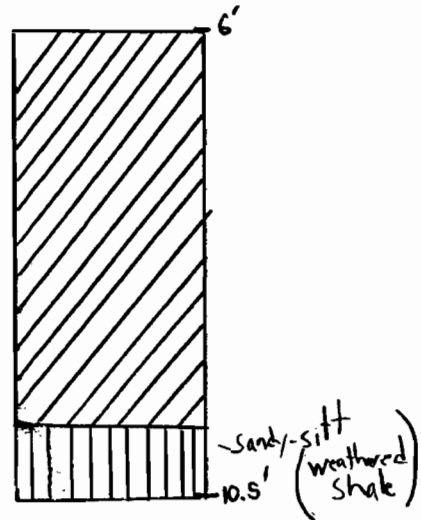
Depth 10.5'

6	Brown / gray clay, trace silt, w/ orange and gray mottles, stiff, strong faded odor, ammoniac odor, moist.
7	
8	As above
9	As above
10	Gray sandy-silt (weathered shale), some shale pieces, moist, stiff
11	
12	

Comments:

Location Sketch: see sheet 1

Cross Section:



Geologist: J. Manzelk

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP37

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

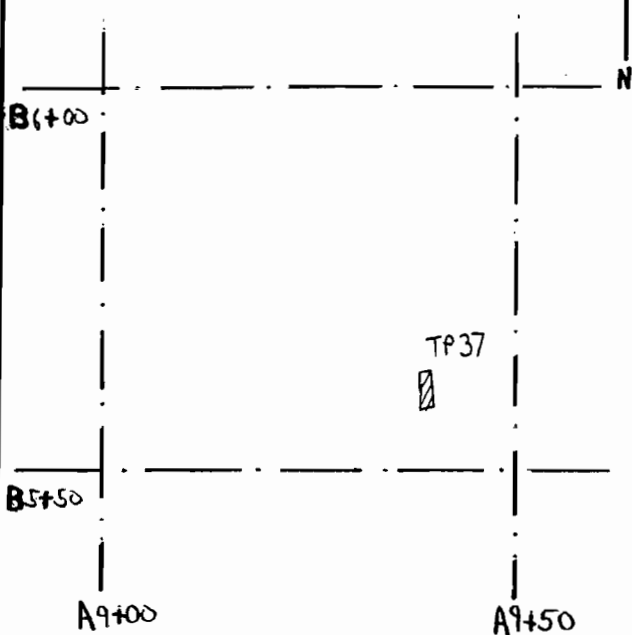
Description East of TP36 adjacent to Former Building No. 47 Laboratory A9+41 / B5+57
Depth 3.5'

- | | |
|---|--|
| 0 | Surface: <u>Brown sand (F,m) and gravel, dry, loose.</u> |
| 1 | <u>Orange, rusty colored sand (F,m), trace gravel, loose, moist.</u> |
| 2 | <u>Black sand (F), some gravel, saturated, loose</u> |
| 3 | <u>As above encountered 6" diameter pipe on south side of Test Pit, additionally encountered groundwater coming from old railroad bed on north side of Test Pit, which had oil globules and a sheen.</u> |
| 4 | |
| 5 | |
| 6 | |

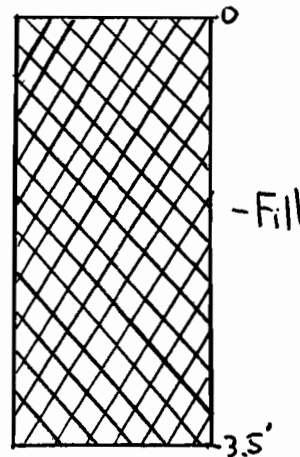
Collected RSS-TP37-D23-S-0@ 2:30 for chemical analysis

Comments: Oil globules + sheen on groundwater, + a strong fuel oil odor.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP 38

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

Description East of MW07 @ A9+66 / B5+56, on top of former railroad bed

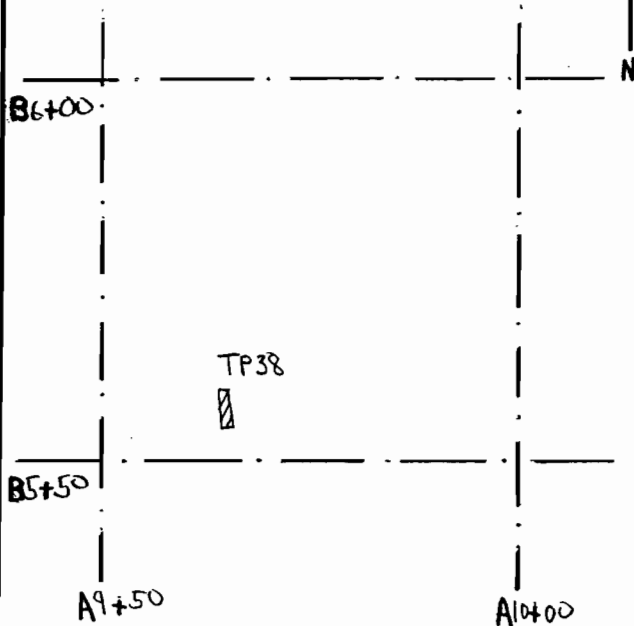
Depth 3'

0	Surface: <u>Brown sand (f,m) and gravel, dry, frozen</u> <u>Brown and black sand (f,m) and gravel, dry, loose, mild diesel odor.</u>
1	
* 2	<u>As above</u>
3	<u>Gravel railroad bed w/ railroad ties, and groundwater from railroad bed.</u>
4	
5	
6	

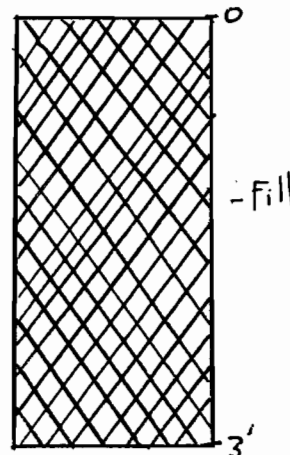
Collected RSS-TP38-023-50 @ 2:00 for chemical analysis

Comments: Test pit was on top of old railroad bed north of Building No. 47 with groundwater in the stone bed.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP39

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

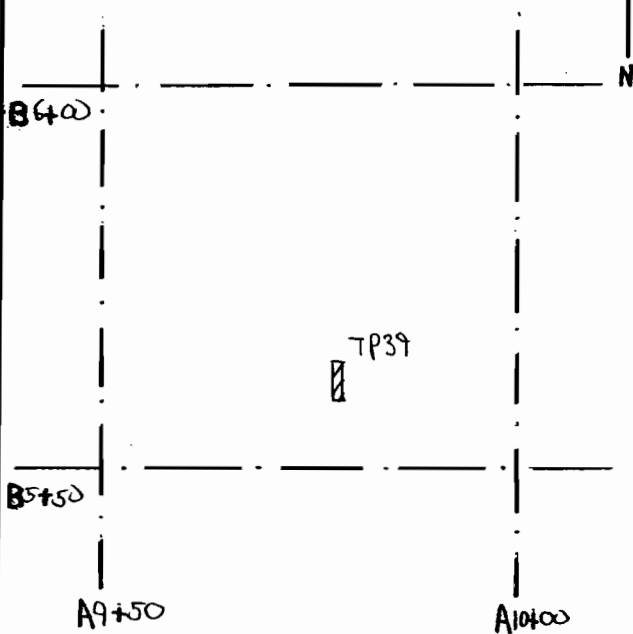
Description East of MW07 @ A9+77/B5+5E, on top of former railroad bed.

Depth 1.5'

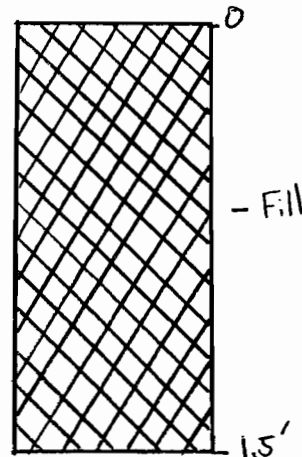
0	Surface: <u>Brown sand (f.m) and gravel, dry, loose.</u>
1	<u>As above railroad ties & gravel bed encountered, string cross small.</u>
2	
3	
4	
5	
6	

Comments: Encountered groundwater @ 1.5' bgs in old railroad bed.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP40

Project Name: Former Roblin Steel Site SSE

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

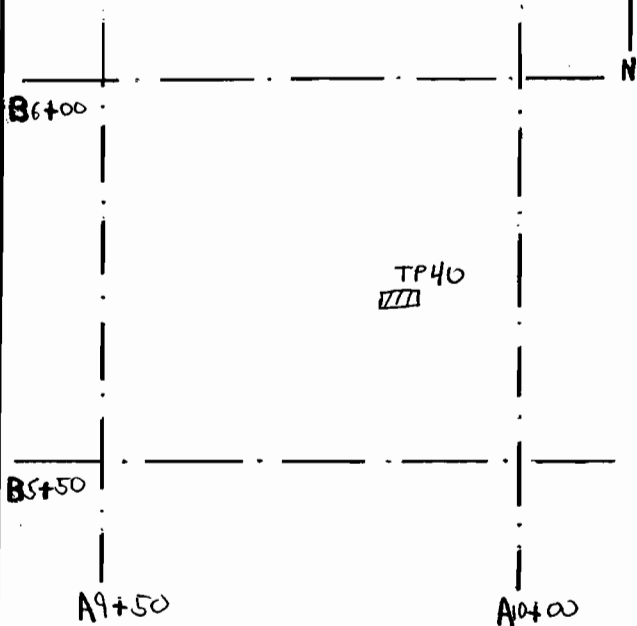
Description East of MW07 and south of north road A9+72 / BS+70

Depth 3'

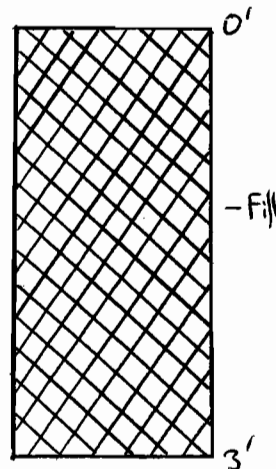
0	Surface: Gravel Black and brown sand (f.m) and gravel, moist, loose, strong diesel smelly, and creosol smell.
1	
2	Gravel (f.m) and a railroad tie on south side of test pit, dry.
3	As above encountered groundwater.
4	
5	
6	

Comments:

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP41

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

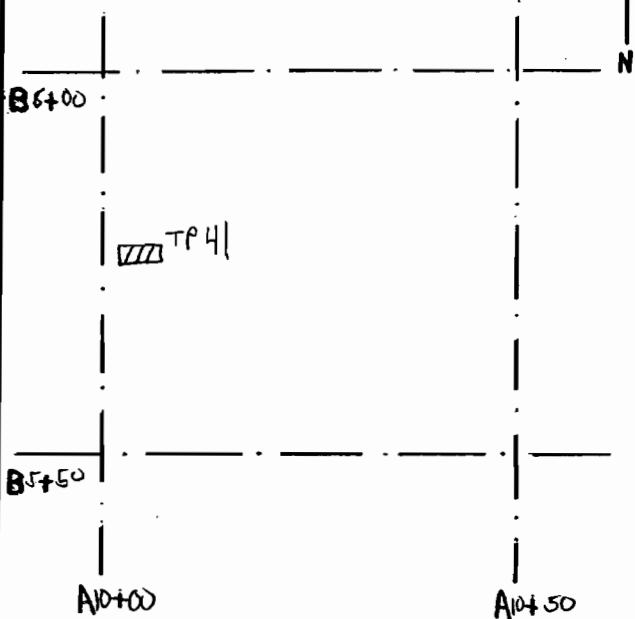
Description North east of MW07 and south of north road A10+2 / B5+75

Depth 3.5'

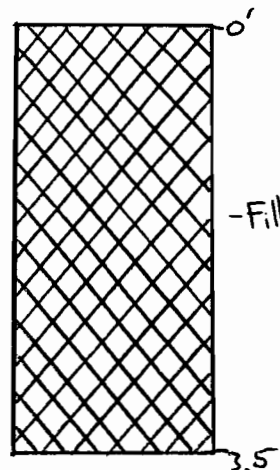
0	Surface: Gravel Brown sand (f), and 70% gravel, trace brick pieces, dry, loose.
1	
2	Gray clay, trace silt, and sand, and gravel, moist, loose.
3	
4	As above encountered groundwater on south side of test pit from old railroad bed.
5	
6	

Comments: Ground water flowed into Test Pit from the old railroad bed.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP42

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

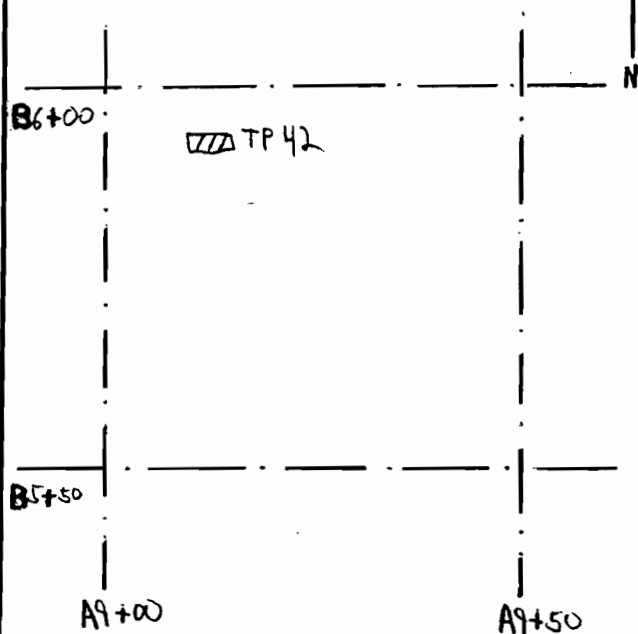
Description Northeast of MW07 south of gravel road. A9+17 / B5+89

Depth 5'

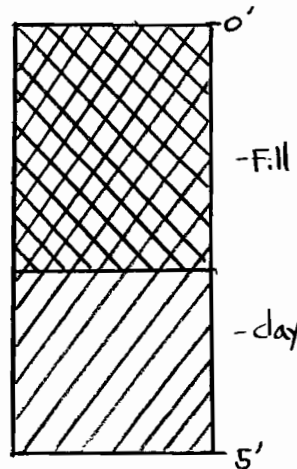
0	Surface: Gravel
1	Brown sand (f.m) and gravel, dry, loose. Black sand (f) and gravel, dry, loose.
2	As above, moist
3	Gray clay, with orange mottles, saturated, stiff.
4	As above.
5	As above.
6	

Comments: Encountered groundwater originating from old rail road bed on south side of Test Pit.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP43

Project Name: Former Roblin Steel Site SSE

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

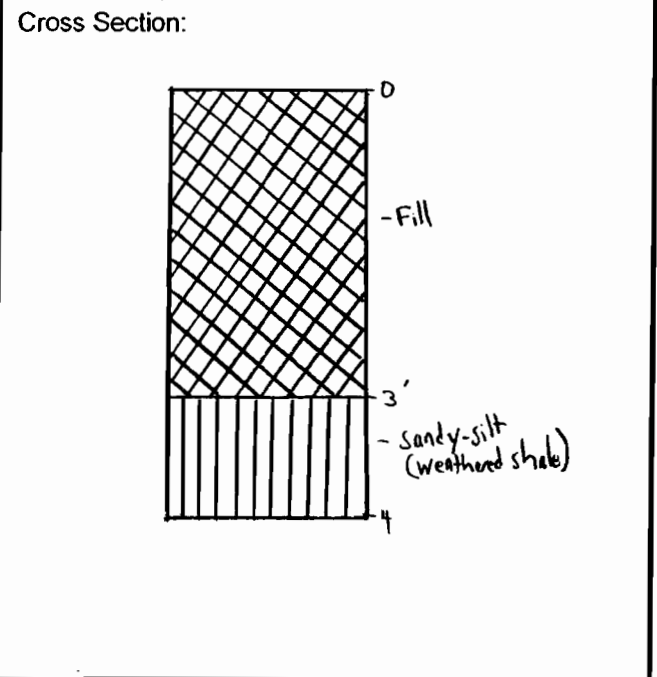
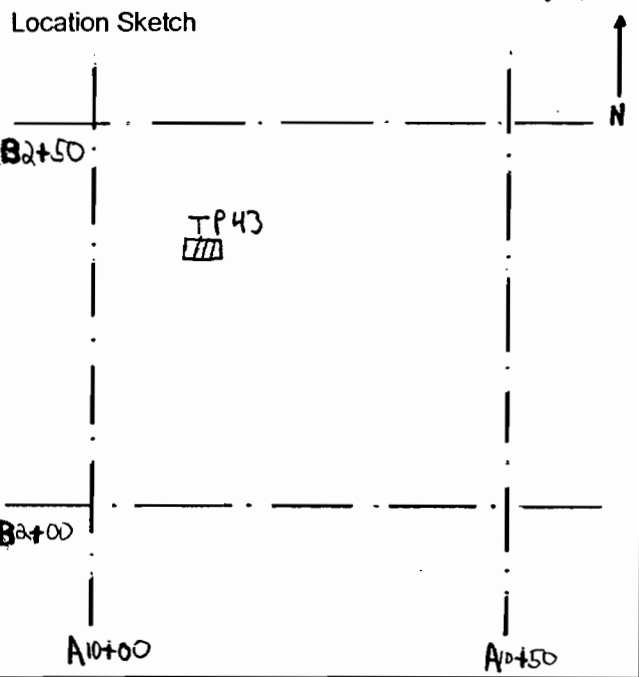
Description South of MW09 A10+19/B2+32

Depth 4'

0	Surface: <u>Brown sand (f.m), trace gravel, dry, loose.</u>
1	<u>Gray and Brown clay w/ orange mottles, dry, loose</u>
2	<u>As above.</u>
3	<u>Gray sandy-silt, some shale pieces, dry, stiff. (weathered shale)</u>
4	<u>As above.</u>
5	
6	

Collected RSS-TP43-DM-S-0 @ 2:10 for chemical analysis

Comments: Encountered bedrock (gray shale) @ just beyond 4' bgs.



Geologist: J. Manzella

Operator: Scott Hahn

TEST PIT LOG

PIT NO: RSS-TP44

Project Name: Former Roblin Steel Site SSI

Project No: 0020006

Project Location: Dunkirk, NY

Date: 1-16-03

Description Southeast of MW09 A 10+34 / B 2+37

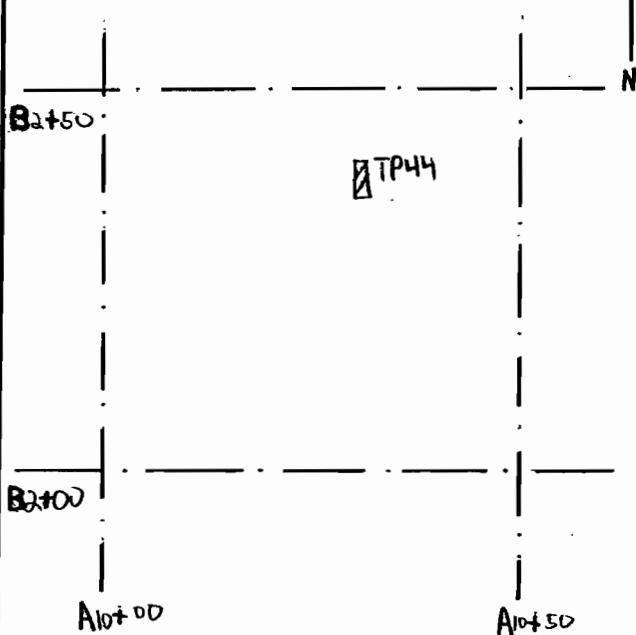
Depth 4'

0	Surface: <u>Brown sand (f.m), trace gravel, dry, loose</u>
1	<u>Gray clay w/orange mottles, dry, loose.</u>
2	<u>Gray sandy-silt, some shale pieces, dry, stiff. (weathered shale).</u>
3	<u>As above.</u>
4	<u>As above</u>
5	
6	

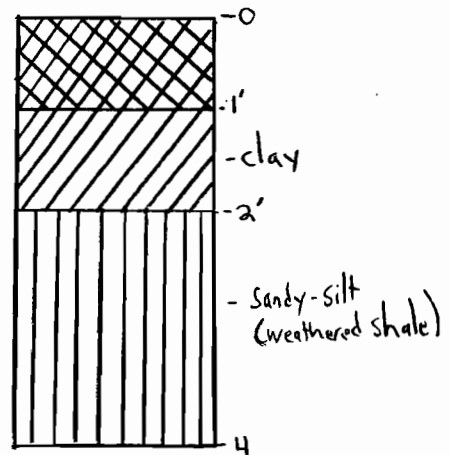
Collected RSS-TP44-D14-S-0 @ 2:30 for chemical analysis

Comments: Encountered bedrock (gray shale) @ just beyond 4' logs.

Location Sketch



Cross Section:



Geologist: J. Manzella

Operator: Scott Hahn

APPENDIX B
SOIL PROBE LOGS



SOIL PROBE LOG

HOLE NO. SP - 01

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5
 E-W Coord A17 - 7
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/10/2002	9:15	Unk		Acetate	Macro Core	
				Type Diameter Weight Fall	1.75" 2.0"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		48		FILL	Brown sand (m,c), some gravel (f,ang.), dry, loose. Black sand (f,m), some cynders (f, ang.), dry, loose.	0.1	2.7
	5	S2		48		CL	Drk Brown silty-clay, dry, stiff, w/ mild diesel odor. As above, moist, w/ strong diesel odor Brown silty-clay, w/ gray and orange mottles, moist, very stiff.	29.0	42.9
	10						End of Boring at 8.0 feet below ground surface. Radiation - Not Detected		
	15								
	20								
	25								
	30								





SOIL PROBE LOG

HOLE NO. SP - 02

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 4
 E-W Coord A16 + 2
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
9/10/2002	10:25	Unk		Acetate		Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	4	S1		46		FILL	Brown sand (f,m), some gravel (f,ang.), dry, loose.	1.0	28.2
	4					CL	Drk brn sl-clay, gry mottles, dry, stiff, w/ mild diesel odor.		
	5					FILL	Black sand (f,m), some cynders (f, ang.), dry, loose.	1.0	21.7
	5	S2*		45		CL	As above. Gray slity-clay, w/ orange & brown mottles, trace sand and some gray shale fragments, moist, stiff.		
	10						End of Boring at 8.0 feet below ground surface. * - Took Sample RSS-SP02-D46-S-O @ 10:30 from 4'-6' from this Soil Probe location Radiation - Not Detected		
	15								
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 03

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 - 1
 E-W Coord A15 - 5
 Start Date 9/10/02
 Finish Date 9/10/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/10/02	11:10	Unknown		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		4	XXXX	FILL	Brown sand (f,m), some gravel (f,ang.), dry, loose.	0.0	0.0
	5						Spoon refusal at 0.5 feet below ground surface for three (3) attempts. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 04

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 59
 E-W Coord A15 - 36
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/10/2002	11:45	Unk		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		43		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. Blk sand (m,c), some cyniders (f,ang.)/wood, dry, loose. Brown sand (m,c), some gravel (f,ang.), dry, loose. Brown sandy-silt w/ orange mottles, dry, stiff.	1.1	1.2
	5	S2		45		CL	Brown silty-clay with gray and orange mottles, moist, stiff.	0.0	2.2
	10						End of Boring at 8.0 feet below ground surface. Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 05

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 32
 E-W Coord A15 + 15
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/10/2002	13:10	Unk		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		45		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. Blk sand (m,c), some cyniders (f,ang.), dry, loose.	53.9	807.0
	5	S2*		46		CL	Gray silty-clay, trace sand, moist, stiff, w/ strong diesel odor. Brown silty-clay, some sand, trace gravel, wet, stiff.	0.8	1.1
	10						End of Boring at 8.0 feet below ground surface. * - Took Sample RSS-SP05-D24-S-O @ 13:15 from 2'-4' from this Soil Probe location Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 06

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 - 4
 E-W Coord A14 - 3
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/10/2002	13:40	Unk		Type Acetate	Macro Core	Diameter 1.75"	Weight 2.0"
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		47		FILL	Gray metallic sand (f,m), well graded dry, loose. Brown-gray sand (f,m), little gravel (f,rounded), dry, loose.	0.0	0.1
						CL	Brown silty-clay with gray mottles, moist, stiff.		
	5						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 07

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 - 2
 E-W Coord A15 - 12
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/10/2002	13:50	Unk		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	0	S1		48		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. Black sand (m,c), some cyniders (f,ang.), dry, loose.	0.0	0.0
	0					CL	Gray silty-clay, trace sand, moist, stiff. Brown silty-clay w/ orange and gray mottles, dry, stiff.		
	5						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 08

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 + 2
 E-W Coord A14 + 3
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
9/10/2002	14:20	Unk		Acetate		Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		48		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. As above, darker brown, trace silt, and gravel.	0.0	0.0
						CL	Brown silty-clay w/ orange and gray mottles, dry, stiff.		
	5						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 09

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 - 13
 E-W Coord A13 - 2
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/10/2002	14:40	Unk		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		48		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose.	0.0	0.0
						CL	Black sand (m,c), some cyniders (f,ang.), dry, loose. Brown silty-clay w/ orange and gray mottles, dry, stiff.		
	5						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 10

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 5
 E-W Coord A13 + 0
 Start Date 9/10/2002
 Finish Date 9/10/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/10/2002	15:10	Unk		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		48		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose.	0.0	0.0
						CL	Brown silty-clay w/ orange and gray mottles, trace sand, dry, stiff.		
	5 10 15 20 25 30						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		




SOIL PROBE LOG

HOLE NO. SP - 11

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 4
 E-W Coord A12 + 2
 Start Date 9/10/02
 Finish Date 9/10/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
9/10/02	15:40	unknown		Acetate	1.75"	Macro Core	2.0"
				Diameter			
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		48		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose.	0.2	1.2
	5	S2		18		ML	Drark Brown sandy-silt, some fractured pieces of shale, moist, firm. As above, wet.	0.0	1.3
						CL	Gray silty-clay, some shale pieces, wet, stiff.		
	10						End of Boring at 5.5 feet below ground surface on top of gray shale. Radiation - Not Detected		
	15								
	20								
	25								
	30								


SOIL PROBE LOG

HOLE NO. SP - 12

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 + 18
 E-W Coord A12 + 0
 Start Date 9/10/02
 Finish Date 9/10/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/10/02	16:05	unknown		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		48		ML	Brown sandy-silt (f,m), gray mottles, some shale peices, dry, firm.	0.0	3.1
	5 10 15 20 25 30						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		



SOIL PROBE LOG

HOLE NO. SP - 13

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 + 4
 E-W Coord A11 + 0
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/02	7:35	unknown		Type	Acetate	Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		46		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. Black sand (m), some cyniders (f,ang.), dry, loose.	0.1	0.0
						ML	Brown-gray silt, trace gray shale piece, dry, stiff.		
	5						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 14

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 + 15
 E-W Coord A10 - 1
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/11/02	7:55	unknown		Type Acetate	Macro Core		
				Diameter 1.75"	2.0"		
				Weight Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		36		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. As above, w/ orange mottles, trace blk sand, dry, loose.	1.9	0.0
						ML	Brn silt, w/ gry mottles trace gry shale pieces, dry, stiff.		
	10						End of Boring at 5.5 feet below ground surface on top of gray shale. Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 15

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B1 + 30
 E-W Coord A10 - 37
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/11/02	8:40	unknown		Acetate	Macro Core	
				Type Diameter Weight Fall	1.75" 2.0"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		36		FILL	Brown sand (f,m), some gravel (f, ang.), dry, loose. Blk sand (f,m), trace sl-cl, and gravel (f,ang.), dry, loose	0.2	0.1
						ML	Dark brown sandy-silt, trace clay, moist, firm.		
	5 10 15 20 25 30						End of Boring at 3 feet below ground surface on top of gray shale. Radiation - Not Detected		



SOIL PROBE LOG

HOLE NO. SP - 16

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B1 - 4
 E-W Coord A9 - 4
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/02	8:55	unknown		Type	Acetate	Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks	
								PID Reading (ppm)	
								Direct Screen	Head Space
		S1		24		FILL	Blk and brn sn (f,m), and gravel (f, ang.), dry, loose.	0.3	0.2
						ML	Dark brown sandy-silt, trace gray shale pieces, dry, firm.		
	5						End of Boring at 2 feet below ground surface on top of gray shale.		
	10						Radiation - Not Detected		
	15								
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 17

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B0 + 46
 E-W Coord A9 - 20
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/02	9:15	unknown		Type	Acetate	Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		18	X	FILL	Dark brown sand (m), some gravel (f,ang.), trace brick pieces, dry, loose.	0.4	0.4
	5						End of Boring at 1.5 feet below ground surface on top of gray shale. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								


SOIL PROBE LOG

HOLE NO. SP - 18

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 + 3
 E-W Coord A9 - 2
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/02	9:30	unknown		Type	Acetate	Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		18		FILL	Gray brown sand (m), some gravel (f,ang.), faint diesel odor, dry, loose.	1.3	3.0
	5						End of Boring at 1.5 feet below ground surface on top of gray shale. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 19

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 + 25
 E-W Coord A8 + 50
 Start Date 9/11/2002
 Finish Date 9/11/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
9/11/2002	9:55	~ 6		Acetate	Macro	Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks	
								PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		47	X	FILL	Brown sand (m,c), some gravel (f,c,ang.), moist, loose.	0.3	0.2
		S2		35	X		As above wet		
							Black sand (f,m), trace shale pieces, wet, loose. ▼	0.0	0.0
	10						End of Boring at 7.0 feet below ground surface.		
	15						Radiation - Not Detected		
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 20

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 - 50
 E-W Coord A6 + 0
 Start Date 9/11/2002
 Finish Date 9/11/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/11/2002	10:45	Unk		Type Acetate	Macro	Core	
				Diameter 1.75"	2.0"		
				Weight Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1*		47		FILL	Brown-gray sand (f,m), and gravel (f, ang.), dry, loose. Black sand (m,c), some cyniders (f,ang.), trace gravel (f,ang.), dry, loose, with mild fuel oil smell.	14.1	70.1
						ML	Brown sandy-silt, trace shale pieces, moist, firm.		
	5 10 15 20 25 30						End of Boring at 4.0 feet below ground surface. * - Took Sample RSS-SP20-D23-S-O @ 10:50 from 2'-3' from this Soil Probe location Radiation - Not Detected		



SOIL PROBE LOG

HOLE NO. SP - 21

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 - 55
 E-W Coord A2 - 4
 Start Date 9/11/2002
 Finish Date 9/11/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/2002	11:30	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		48		FILL	Dark brown sand (m), some gravel (f, ang.), trace bick pieces, dry, loose.	0.0	0.0
ML						Brown sandy-silt, w/ gray mottles, dry, stiff.			
		S2		47		CL	As above, gray, moist. Brown silty-clay, with gray and orange mottles, wet, stiff	0.0	0.0
	10						End of Boring at 8.0 feet below ground surface. Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 22

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 - 55
 E-W Coord A13 - 4
 Start Date 9/11/2002
 Finish Date 9/11/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/2002	12:35	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		47		FILL	Brown sand (m), some gravel (f, ang.), dry, loose. Blk sn (f), some gl (f,ang.), trace brick pieces, dry, loose.	0.0	0.0
		S2		48		CL	Gray silty-clay, moist, stiff. Brown silty-clay, with gray mottles, moist, stiff. ▼	0.0	0.0
	10						End of Boring at 8.0 feet below ground surface. Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 23

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 50
 E-W Coord A12 - 8
 Start Date 9/11/2002
 Finish Date 9/11/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/11/2002	13:20	~ 4		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1*		47		FILL	Brown sand (m), some gravel (f, ang.), dry, loose. Black sand (f), some gravel (f,ang.), dry, loose.	0.7	0.1
	5	S2		47		CL	Gray silty-clay, moist, stiff. Brown silty-clay, with gray and orange mottles, moist, stiff.	0.0	0.0
	10						End of Boring at 8.0 feet below ground surface. * - Took Sample RSS-SP23-D34-S-O @ 13:30 from 3'-4' from this Soil Probe location Radiation - Not Detected		
	15								
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 24

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 65
 E-W Coord A11 - 4
 Start Date 9/11/02
 Finish Date 9/11/02
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/02	14:05	unknown		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		8	XXXX	FILL	Brn sn(m), and gvl (f,ang.), w/ brick pieces, dry, loose.	0.1	0.3
	5 10 15 20 25 30						Spoon refusal at 1 foot below ground surface for three (3) attempts. Radiation - Not Detected		

SOIL PROBE LOG

HOLE NO. SP - 25

Project: Former Roblin Steel SI/RAR				Project No. 0020006			
Client: Chautauqua County Department of Public Facilities				GS Elev			
Contractor: SJB Inc.				WS Ref Elev			
Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/11/2002	14:40	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Project No. 0020006
GS Elev
WS Ref Elev
N-S Coord B5 + 64
E-W Coord A9 + 6
Start Date 9/11/2002
Finish Date 9/11/2002
Driller S. Wolkiewicz
Geologist J. Manzella

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		47	FILL	CL	Brn sn(m), some gvl(f,ang.), dry, loose, w/ diesel odor. Black sand (f), some gravel (f,ang.), dry, loose. Brown silty-clay, w/ gray and orange mottles, dry, stiff. As above, gray, moist.	0.3	1.2
	5	S2		47	FILL	CL	Brown silty-clay, with gray and orange mottles, moist, stiff, w/ faint diesel odor and discoloration.	14.0	8.0
	10						End of Boring at 8.0 feet below ground surface. Radiation - Not Detected		
	15								
	20								
	25								
	30								




SOIL PROBE LOG

HOLE NO. SP - 26

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 69
 E-W Coord A7 + 63
 Start Date 9/11/2002
 Finish Date 9/11/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/11/2002	15:25	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		47		FILL	Brown sand (m), some gravel (f,ang.), dry, loose.	0.1	0.8
	5	S2		47		CL	Gray silty-clay, dry, stiff. As above, with orange mottles, moist. ▼	0.0	0.0
	10	S3		10		ML	Brown silty-clay, with gray and orange mottles, moist, stiff. As above.	0.0	0.2
	15						End of Boring at 10.0 feet below ground surface on top of gray shale. Radiation - Not Detected		
	20								
	25								
	30								



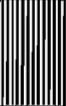
SOIL PROBE LOG

HOLE NO. SP - 28

Project: Former Roblin Steel S1/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 50
 E-W Coord A6 - 5
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/12/2002	8:40	~ 4		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		36		FILL	Brown sand (m), some gravel (f,ang.), with concrete pieces dry, loose. Black sand (f), some gravel, (f,ang.), dry, loose.	1.1	1.7
	5	S2		45		CL	Gray silty-clay, dry, stiff, w/ faint coal tar odor. As above, moist. Brown silty-clay, with gray and orange mottles, wet, stiff, w/ mild diesel odor.	7.0	21.2
	10	S3		28		ML	Dark brown sandy-silt, w/ shale pieces, wet, stiff. As above, gray.	32.2	19.4
	15						End of Boring at 10.5 feet below ground surface on top of gray shale. Radiation - Not Detected		
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 29

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 46
 E-W Coord A5 - 17
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/12/2002	9:30	~ 4		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		47		FILL	Brn sn(m), some gvl(f,ang.) concrete pieces, dry, loose. Blk sn(f), & cyinders (f,ang.), dry, loose, faint diesel odor.	19.0	17.0
	5	S2		47		CL	Gray silty-clay, w/ brick pieces, dry, stiff. Brown silty-clay, w/ gray & orange mottles, dry, stiff. ▼ Gray-brown silty-clay, moist, strong diesel odor. As above, brown.	60.0	69.0
	10	S3		10			As above, wet.	57.0	25.0
	10						End of Boring at 9.5 feet below ground surface on top of gray shale. * - Took Sample RSS-SP29-D46-S-O @ 9:50 from 4'-6' from this Soil Probe location. Radiation - Not Detected		




SOIL PROBE LOG

HOLE NO. SP - 30

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 18
 E-W Coord A4 + 4
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/12/2002	10:05	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		44		FILL	Brn sn(m), some gvl(f,ang.) concrete pieces, dry, loose. As above, trace silt.	31.1	57.0
	5	S2		45		CL	Gray silty-clay, moist, stiff, w/ mild diesel odor. As above, wet.		
		S3		30			Brown silty-clay, w/ gray & orange mottles, wet, stiff. As above, wet w/ film of red silt at bottom.	38.0	46.0
	10							12.0	8.5
	15						End of Boring at 11.0 feet below ground surface on top of gray shale. Radiation - Not Detected		
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 31

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 + 31
 E-W Coord A3 - 22
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/12/2002	10:40	~ 5		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	0-5	S1		36		FILL	Brown sand (m), some gravel (f,ang.), dry, loose.	0.1	1.1
	5-10	S2		42		CL	Gray silty-clay, with brown mottles, wet stiff, with mild diesel odor. ▼	37.0	13.7
	10-11	S3		30		ML	Brown sandy-silt, with gray mottles, trace shale pieces, wet, stiff.	0.1	0.2
	11-30						End of Boring at 11 feet below ground surface on top of gray shale. Radiation - Not Detected		



SOIL PROBE LOG

HOLE NO. SP - 32

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 - 14
 E-W Coord A1 + 3
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/12/2002	10:55	~ 5		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1*		46		FILL	Brown-gray sand (f,m), and gravel (f, ang.), dry, loose. Black sand (m), some cyniders (f,ang.),dry, loose.	13.1	8.9
	5	S2*		4		ML	Brn sn-sl, trace shale, moist, firm, w/ mild diesel odor. As above, wet. ▼	0.0	0.0
	10						Refusal at 5.5 feet below ground surface on top of brick. * - Took Sample RSS-SP32-D35-S-O @ 11:25 from 3'-5' from this Soil Probe location Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 33

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 - 17
 E-W Coord A2 - 25
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/12/2002	11:40	~ 4		Type Acetate	Macro Core	Diameter 1.75"	Weight 2.0"
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		47		FILL	Dark brown sand (f,m), and gravel (f, ang.), trace concrete pieces, dry, loose. Blk sn (m), & gvl (f,ang.), trace brick pieces, dry, loose.	1.6	4.6
	5	S2		46		ML	Brown sandy-silt, trace shale, moist, firm. As above, trace clay, saturated. ▼	0.1	0.2
	10						End of Boring at 8.0 feet below ground surface. Radiation - Not Detected		
	15								
	20								
	25								
	30								



SOIL PROBE LOG

HOLE NO. SP - 34

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 - 11
 E-W Coord A4 + 4
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/12/2002	12:35	Unk		Type	Acetate	Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		46		FILL	Brn sn(f,m), & gvl(f,ang.), trace conc.pieces, dry, loose. As above, dark brown.	0.7	3.4
	5	S2		3		CL	Gray silty-clay, and gravel, moist, firm, faint diesel odor. As above, trace black sand.	0.1	0.2
	5						End of Boring at 4.5 feet below ground surface. Radiation - Not Detected		


SOIL PROBE LOG

HOLE NO. SP - 35

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 - 17
 E-W Coord A5 + 13
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/12/2002	13:00	Unk		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		46		FILL CL	Brn sand (f,m), and gravel (f,ang.), dry, loose. Brown silty-clay with gray and orange mottles, dry, stiff.	0.0	0.0
	5						End of Boring at 4.0 feet below ground surface. Radiation - Not Detected		
	10								
	15								
	20								
	25								
	30								




SOIL PROBE LOG

HOLE NO. SP - 36

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 22
 E-W Coord A3 + 41
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/12/2002	13:25	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1*		24		FILL	Brown sand (f,m), some gravel (f,ang.), trace yellow sand (m), moist, loose.	0.0	0.0
		S2		24			As above, 80% gravel, saturated. White sand (f), moist, loose. Yellow sand (possibly dolomite), wet, very compact.	0.2	0.2
		S3		4		CL	Gray sandy-silt, weathered shale, wet, stiff.	0.0	0.0
	10 15 20 25 30						Refusal at 9.0 feet below ground surface on top of brick. * - Took Sample RSS-SP36-D24-S-O @ 13:45 from 2'-4' from this Soil Probe location. Radiation - Not Detected		

SOIL PROBE LOG

HOLE NO. SP - 37

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 00
 E-W Coord A7 - 22
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/12/2002	14:00	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1*		36	X	FILL	Brown sand (m), some gravel (f,ang.) trace shale pieces, moist, loose.	0.0	0.0
	5	S2		12	X		As above, saturated. ▼	0.0	0.0
	10						Refusal at 7.0 feet below ground surface on top of concrete. * - Took Sample RSS-SP37-D24-S-O @ 14:15 from 2'-4' from this Soil Probe location. Radiation - Not Detected		
	15								
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 38

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 00
 E-W Coord A8 - 34
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/12/2002	15:00	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		38	FILL		Brown sand (m), some gravel (f,ang.), moist, loose.	1.7	2.5
	5	S2		30	FILL		As above, saturated. ▼	0.0	0.0
	10						Refusal at 7.5 feet below ground surface on top of concrete. Radiation - Not Detected		
	15								
	20								
	25								
	30								

SOIL PROBE LOG

HOLE NO. SP - 39

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 - 11
 E-W Coord A8 + 27
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/12/2002	15:30	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		36	FILL	FILL	Brown sand (m), some gravel (f,ang.), moist, loose.	0.2	0.5
	5	S2		14		As above, 10% cobbles, saturated. ▼		0.0	0.0
	10	S3		14		Gray sand (c), gravel (f,ang.) slag, trace yellow sand (possibly dolomite), saturated, loose.		0.0	0.0
	15	S4*		14		As above, trace white sand (f).		0.0	0.0
		S5		3		As above.		0.0	0.0
	20					Refusal at 16.5 feet below ground surface on top of concrete.			
	25					* - Took Sample RSS-SP39-D1416-S-O @ 15:05 from 14'-16' from this Soil Probe location.			
	30					Radiation - Not Detected			

SOIL PROBE LOG

HOLE NO. SP - 40

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 -20
 E-W Coord A9 - 18
 Start Date 9/12/2002
 Finish Date 9/12/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/12/2002	16:35	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks	
								PID Reading (ppm)	
								Direct Screen	Head Space
	5	S1		36		FILL	Brown sand (m), some gravel (f,ang.), moist, loose.	0.1	0.2
	5	S2		12			As above, 20% cobbles ▼	0.0	0.0
	10						Refusal at 7.0 feet below ground surface on top of concrete.		
	15						Radiation - Not Detected		
	20								
	25								
	30								


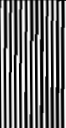
SOIL PROBE LOG

HOLE NO. SP - 41

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+40
 E-W Coord A10+33
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	9:15	~ 5		Acetate	Macro Core		
				Type Diameter Weight Fall	1.75" 2.0"		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
							Black sand (f), some gravel (f,ang.), dry, loose.		
		S1		42		FILL CL	Brown silty-clay, w/ gray and orange mottles, dry, stiff. As above, moist.	-	5.2
	5	S2		26		ML	Brown sandy-silt, w/ shale pieces, saturated, stiff. ▼	-	2.0
	10						End of Boring at 7.0 feet below ground surface on top of gray shale.		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).




SOIL PROBE LOG

HOLE NO. SP - 42

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+39
 E-W Coord A10+19
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	9:20	Unk		Acetate	Macro Core		
				Type			
				Diameter	1.75"	2.0"	
				Weight			
				Fall			




Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		48		FILL	Black sand (f), and gravel (f,ang.), moist, loose.	-	0.0
						CL	Brown silty-clay, w/ orange mottles, moist, stiff.		
						ML	Gray sandy-silt, some shale pieces, moist, stiff.	-	2.0
	5	S2*		6			As above.		
							End of Boring at 4.5 feet below ground surface on top of gray shale.		
							* - Took Sample RSS-SP42-D45-S-O @ 9:15 from 4'-5' from this Soil Probe location		
	10								
	15								
	20								
	25								
	30								
							* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		

SOIL PROBE LOG

HOLE NO. SP - 43

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+33
 E-W Coord A10+38
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			Field Description	Remarks	
Date	Time	Depth	Elev	Casing	Sampler	Core		PID Reading (ppm)	
1/17/2003	9:50	Unk		Type Acetate	Macro Core			Direct Screen *	Head Space
				Diameter 1.75"	2.0"				
				Weight Fall					
Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified			
		S1		36		FILL	Black and brown sand (f), some gravel (f,ang.), dry, loose.	-	0.0
						CL	Gray silty-clay, and shale pieces, dry, stiff.		
	5	S2*		6		ML	Gr sn-sl, (weathered sh), some sh pieces, dry, stiff.	-	1.4
							End of Boring at 5 feet below ground surface on top of gray shale.		
							* - Took Sample RSS-SP43-D45-S-O @ 9:50 from 4'-5' from this Soil Probe location		
	10								
	15								
	20								
	25								
	30								
							* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		



SOIL PROBE LOG

HOLE NO. SP - 44

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+76
 E-W Coord A10+19
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	10:10	~ 5		Acetate	Macro Core	
				Type Diameter Weight Fall	1.75" 2.0"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
							Black sand (f), some gravel (f,ang.), dry, loose.		
		S1		40		CL	Brown silty-clay, trace shale pieces, wet, stiff.	-	0.0
	5	S2*		24		FILL	Brown sand (m), and gravel, some shale pieces, saturated, stiff, mild fuel oil odor.	-	40.0
	10						End of Boring at 6.0 feet below ground surface on top of gray shale.		
	15						* - Took Sample RSS-SP44-D46-S-O @ 10:10 from 4'-6' from this Soil Probe location		
	20								
	25								
	30						* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		



SOIL PROBE LOG

HOLE NO. SP - 45

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+69
 E-W Coord A10+00
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	10:40	Unk		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1*		36		FILL	Black sand (f), and gravel (f,ang.), wet, loose.	-	0.6
						CL	Brown silty-clay, w/ orange mottles, wet, stiff.		
	5						Refusal at 4.0 feet below ground surface.		
	10								
	15								
	20								
	25								
	30								

* - Took Sample RSS-SP45-D04-S-O @ 10:40 from 0'-4' from this Soil Probe location

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).


SOIL PROBE LOG

HOLE NO. SP - 46

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+69
 E-W Coord A9+80
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
1/17/2003	11:00	Unk		Acetate		Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1*		36		CL	Concrete Black sand (f), and gravel (f,ang.), wet, loose. Brown silty-clay, moist, stiff, pungent organic odor.	-	320
	5						Refusal at 4.0 feet below ground surface. * - Took Sample RSS-SP46-D04-S-O @ 11:00 from 0'-4' from this Soil Probe location		
	10								
	15								
	20								
	25								
	30						* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		

SOIL PROBE LOG

HOLE NO. SP - 47

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+68
 E-W Coord A10+20
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	11:20	Unk		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight		
				Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		36	Conc. FILL	Concrete	Brown and gray sand (f), and gravel (f,ang.), dry, loose.	-	1.6
					CL	Brown silty-clay, trace sand (f), some gravel, trace shale pieces, moist, stiff.			
	5						Refusal at 3.5 feet below ground surface.		
	10								
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).




SOIL PROBE LOG

HOLE NO. SP - 48

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2+68
 E-W Coord A10+8
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	11:55	Unk		Type Acetate	Macro Core	Diameter 1.75"	Weight 2.0"
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1*		36		Conc. Concrete			
						FILL	Brown and gray sand (f), and gravel (f,ang.), dry, loose.	-	0
						CL	Brown silty-clay, trace sand (f), some gravel, trace shale pieces, moist, stiff.		
	5						Refusal at 3.5 feet below ground surface.		
	10						* - Took Sample RSS-SP48-D04-S-O, MS/MSD @ 11:55 from 0'-4' from this Soil Probe location		
	15								
	20								
	25								
	30								
							* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		

SOIL PROBE LOG

HOLE NO. SP - 49

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5-4
 E-W Coord A9+3
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	12:40	~ 5		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
						Conc. Concrete			
		S1		36		FILL	Black sand (f), some gravel (f,ang.), dry, loose.	-	0.0
	5					CL	Brown silty-clay, w/ orange and gray mottles, dry, stiff.		
		S2*		30			As above, trace gray weathered shale, saturated. ▼	-	0.0
		S3		12		ML	Gray sandy-silt, w/ shale pieces, moist, stiff.	-	0.0
	10						End of Boring at 9.0 feet below ground surface on top of gray shale.		
	15						* - Took Sample RSS-SP49-D48-S-O @ 12:40 from 4'-8' from this Soil Probe location		
	20								
	25								
	30								
							* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		



SOIL PROBE LOG

HOLE NO. SP - 50

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+23
 E-W Coord A9+41
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	13:00	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
	5	S1		30		FILL	Brown sand (f,m), some gravel(f,ang.), concrete pieces, trace brick pieces, dry, loose, mild cresol smell.	-	0.0
	5	S2*		24		CL	Gr/brn sl-cl, trace bl sn, w/ orange mottles, dry, stiff. Brown silty-clay, with gray and orange mottles, saturated, stiff. ▼	-	1.6
	10						End of Boring at 6.0 feet below ground surface. * - Took Sample RSS-SP50-D46-S-O @ 13:00 from 4'-6' from this Soil Probe location		
	15								
	20								
	25								
	30						* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		



SOIL PROBE LOG

HOLE NO. SP - 51

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5-3
 E-W Coord A9+21
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
1/17/2003	13:55	~ 5		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
	5	S1		36		FILL	Brown sand (m), and gravel(f,ang.), wet, loose. Black sand (f), and gravel (f,ang.), wet, loose.	-	0.0
	5	S2		30		CL	Brown silty-clay, w/ orange and gray mottles, wet, stiff. As above, saturated. ▼	-	1.5
	10						Refusal at 7.5 feet below ground surface.		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).




SOIL PROBE LOG

HOLE NO. SP - 52

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+15
 E-W Coord A9+63
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	14:15	~ 4		Acetate	Macro Core	Type	
				Diameter	1.75"	Weight	2.0"
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		36		FILL	Brn/gr gvl(f,ang.), & sn(m), moist, loose, ml cresol smell. Black sand (f), and gravel (f,ang.), wet, loose.	-	0.0
	5	S2*		32		CL	Gray and brown silty-clay, w/ orange and gray mottles, moist, stiff. Brown silty-clay, w/ orange mottles, saturated, stiff. ▼	-	0.0
	10	S3		24		ML	Gray sandy-silt, trace shale pieces, saturated, stiff.	-	0.0
	15						End of Boring at 10.0 feet below ground surface on top of gray shale. * - Took Sample RSS-SP52-D48-S-O @ 14:15 from 4'-8' from this Soil Probe location		
	20								
	25								
	30						* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		




SOIL PROBE LOG

HOLE NO. SP - 53

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5-9
 E-W Coord A9+63
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	14:45	~ 4		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		28		FILL	Brn/gr sn (f,m) & gvl (f,ang.), trace conc., moist, loose. Black sand (f,m), and gravel (f,ang.), wet, loose.	-	0.0
	5					CL	Brown silty-clay, w/ orange mottles, wet, stiff. As above, saturated. ▼	-	0.0
		S2		32				-	0.0
	10	S3		24		ML	Gray sandy-silt, trace shale pieces, saturated, stiff.	-	0.0
							End of Boring at 10.0 feet below ground surface on top of gray shale.		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).



SOIL PROBE LOG

HOLE NO. SP - 54

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+15
 E-W Coord A10+83
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	15:00	~ 4		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		28		FILL	Brown sand (f) and gravel (f,ang.), trace concrete pieces, dry, loose, mild cresol smell. Black sand (f), and gravel (f,ang.), moist, loose.	-	0.2
	5	S2		32		CL	Gr/brn silty-clay, w/ orange & gray mottles, wet, stiff. As above, saturated. ▼	-	0.0
	10						End of Boring at 8.0 feet below ground surface on top of gray shale.		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).




SOIL PROBE LOG

HOLE NO. SP - 55

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+51
 E-W Coord A8+98
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
1/17/2003	15:25	~ 4		Acetate	Macro	Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		28		FILL	Gray sand (f,m), trace concrete, brick pieces, dry, loose.	-	1.6
	5	S2		36		CL	Brown silty-clay, moist, stiff. As above, wet, w/ gray stained soil and strong fuel oil smell.	-	16.9
	10	S3		24		ML	As above, faint fuel oil smell, no staining. Gr sn-sl (weathered sh), some sh pieces, saturated, stiff.	-	4.5
	15						End of Boring at 10.0 feet below ground surface on top of gray shale.		
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).

SOIL PROBE LOG

HOLE NO. SP - 56

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+56
 E-W Coord A8+93
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
1/17/2003	15:35	Unk		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		20	X	FILL	Brown sand (f) and gravel (f,ang.), dry, loose, mild cresol smell.	-	7.0
	5 10 15 20 25 30						Refusal at 2.0 feet below ground surface.		

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).



SOIL PROBE LOG

HOLE NO. SP - 57

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+73
 E-W Coord A8+90
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
1/17/2003	15:45	~ 4		Acetate	1.75"	Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1*		48		FILL	Brown sand (f,m) and gravel (f,ang.), moist, loose. Black sand (f), and gravel (f,ang.), wet, loose.	-	0.1
	5	S2		36		CL	Brown silty-clay, trace shale pieces, w/ orange & gray mottles, wet, stiff.	-	0.0
	10						End of Boring at 8.0 feet below ground surface on top of gray shale. * - Took Sample RSS-SP57-D04-S-O @ 15:45 from 0'-4' from this Soil Probe location		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).

SOIL PROBE LOG

HOLE NO. SP - 58

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+89
 E-W Coord A8+90
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	15:55	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks	
								PID Reading (ppm)	
								Direct Screen *	Head Space
	5	S1		30	X	FILL	Brown sand (f), and gravel, dry, loose. Black sand (f), and gravel (f,ang.), wet, loose. Red-brown sand (m) and gravel (f,ang.), wet, loose.	-	0.0
	5	S2		30	/	CL	Brown silty-clay, w/ orange & gray mottles, wet, stiff.	-	0.0
	10	S3		30		ML	As above. Gray sandy-silt (weathered shale), trace shale pieces, wet, stiff.	-	0.0
	15						End of Boring at 10.0 feet below ground surface on top of gray shale.		
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).

SOIL PROBE LOG

HOLE NO. SP - 59

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+68
 E-W Coord A8+77
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
1/17/2003	16:10	~ 4		Type	Acetate	Macro Core	
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
		S1		30	X	FILL	Brown/gray sand (m,c), and gravel (f,ang.), dry, loose.	-	0.0
	5	S2*		28	/	CL	Black sand (f), and gravel (f,ang.), moist, loose. Gray silty-clay, w/ orange mottles, moist, stiff.	-	0.0
	10						End of Boring at 7.0 feet below ground surface. * - Took Sample RSS-SP59-D48-S-O @ 16:10 from 4'-8' from this Soil Probe location		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).





SOIL PROBE LOG

HOLE NO. SP - 60

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+56
 E-W Coord A8+81
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
1/17/2003	16:15	~ 5		Type Acetate	Macro Core	
				Diameter 1.75"	2.0"	
				Weight Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
	5	S1		36		FILL	Brown sand (f,m), and gravel (f,ang.), dry, loose. Black sand (f), and gravel (f,ang.), dry, loose.	-	43.2
						CL	Brown silty-clay, w/ orange and gray mottles, dry, stiff.		
	5	S2*		30			As above, moist. 	-	116.0
							As above, stained gray, w/ mild fuel oil odor.		
	10						Refusal at 7.5 feet below ground surface. * - Took Sample RSS-SP60-D48-S-O @ 16:15 from 4'-8' from this Soil Probe location		
	15								
	20								
	25								
	30								
							* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).		

SOIL PROBE LOG

HOLE NO. SP - 61

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+51
 E-W Coord A8+41
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)

Equipment Data

Date	Time	Depth	Elev	Type	Casing	Sampler	Core
1/17/2003	16:20	Unk		Acetate		Macro	Core
				Diameter	1.75"	2.0"	
				Weight			
				Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1		0			No Recovery	-	-
	5 10 15 20 25 30						Refusal at 1.0 feet below ground surface.		



SOIL PROBE LOG

HOLE NO. SP - 62

Project: Former Roblin Steel SSI
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5+51
 E-W Coord A8+34
 Start Date 1/17/2003
 Finish Date 1/17/2003
 Driller M. Kukoleca
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
1/17/2003	16:30	~ 4		Type Acetate	Macro Core		
				Diameter 1.75"	2.0"		
				Weight Fall			

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen *	Head Space
	5	S1		36		FILL	Brown sand (f,m) and gravel (f,ang.), dry, loose. Black sand (f), and gravel (f,ang.), moist, loose.	-	0.3
	5	S2*		36		CL	Gray silty-clay, moist, stiff. As above, w. faint fuel oil odor. Brown silty-clay, with gray and orange mottles, moist, stiff.	-	0.0
	10						Refusal at 8.0 feet below ground surface. * - Took Sample RSS-SP62-D48-S-O @ 16:30 from 4'-8' from this Soil Probe location		
	15								
	20								
	25								
	30								

* - Direct screening of the soil probes was not possible due to the cold weather limitations of the Photoionization Detector (PID).

APPENDIX C
TEST BORING LOGS

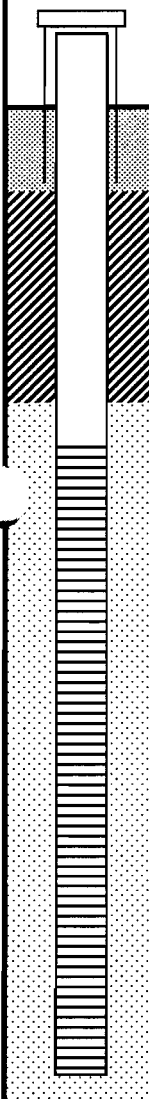

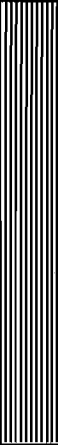

TEST BORING LOG

HOLE NO. 1 (MW-12IF)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 17
 E-W Coord A17 - 33
 Start Date 9/13/2002
 Finish Date 9/13/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Casing	Sampler	Core	
9/13/2002	12:30	~16		Type HSA	SS		
10/4/2002	12:14	12.99		Diameter 4.25"	2.0"		
10/7/2002	10:00	13.02		Weight	140 #		
				Fall	30"		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	7 10 12 12	12		FILL	Brown sand (f,m), and gravel (f, ang.), dry, loose. Black sand (f,m), dry, compact. Brown-black sand (m), dry, compact.	0.0	0.0
		S2 *	27 17 9 7	14				9.0	46.0
	5	S3	5 7 9 12	6			ML	Brown sandy-silt, trace clay, and gravel, dry, stiff. As above.	0.0
		S4	14 15 11 13	12			As above, moist, some shale pieces.	0.0	0.0
	10	S5	4 6 8 12	20			As above.	0.0	0.0
		S6	7 8 14 15	14			Gray sand-silt (weathered shale), trace clay, shale pieces, moist, very stiff.	0.0	0.0
		S7	12 43 18 18	18			As above, and shale pieces.	0.0	0.0
15	S8	50/4 - - -	2		Sh	Spoon refusal at 14.3' on top of competent gray shale, augering continued to 24' bgs, auger cuttings consisted of gray silt, cuttings were wet at 16'. * - Took Sample RSS-TB01-D24-S-O from 2'-4' from this Test Boring location	0.0	0.0	
20									
	25						Completed augering to 24' bgs.		
	30						Monitoring well consists of 15.0' of 2.0" No. 10 slotted screen from 8.0'-23.0' bgs. Sand pack is from 7.0'-24.0' and bentonite seal is from 2.0'-7.0' bgs. Ground surface to 2.0' bgs is cement grout. Well was finished with a steel constructed protective riser.		

TEST BORING LOG

HOLE NO. 3 (MW-07IF)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 59
 E-W Coord A9 + 7
 Start Date 9/16/2002
 Finish Date 9/17/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/16/2002	12:30	~ 6		Type HSA	SS	
10/4/2002	8:40	5.47		Diameter 4.25"	2.0"	
10/7/2002	16:10	5.33		Weight	140 #	
				Fall	30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	5 50/3	8		FILL	Brown sand (f,m), and gravel (f, ang.), dry, loose.	0.4	0.5
		S2	- -	0			No Recovery, as above.	-	-
	5	S3 *	7 7 6 6	6		CL	Brown clay w/ orange and gray mottles, trace silt, dry, firm, w/ faint diesel odor.	1.4	29.2
		S4 *	7 17 18 10	10			As above, wet.	0.4	23.2
	10	S5	3 6 14 17	14			As above, trace gray silt, trace shale fragments.	0.4	4.2
	S6	15 28 50/4 -	14		ML	Gray clayey-silt, trace shale fragments, wet, very stiff.	0.0	0.0	
						Sh			
	15								
	20						Spoon refusal at 11.5' on top of competent gray shale, augering continued to 15' bgs, auger cuttings consisted of gray silt, cuttings were wet at 13' bgs. * - Took Sample RSS-TB03-D48-S-O from 4'-8' from this Test Boring location		
	25								
	30						Monitoring well consists of 10.0' of 2.0" No. 10 slotted screen from 4.0'-14.0' bgs. Sand pack is from 3.0'-15.0' and bentonite seal is from 0.5'-3.0' bgs. Ground surface to 0.5' bgs is cement grout. Well was finished with a steel constructed protective riser.		

TEST BORING LOG

HOLE NO. 4 (MW-04IF)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B5 + 53
 E-W Coord A6 - 10
 Start Date 9/17/2002
 Finish Date 9/17/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev	Type	Casing	Sampler	Core
9/23/2002	15:10	~8		HSA	4.25"	SS	HQ
10/3/2002	8:05	1.98		Diameter	4.25"	2.0"	3.5"
10/8/2002	16:25	2.47		Weight		140 #	
				Fall		30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks	
								PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	33 50/3	3	FILL		Brown sand (f,m), and gravel (f, ang.), dry, loose.	-	-
		S2	- -	0	Conc.		Concrete.	-	-
		S3	6 5 6 7	4	CL		Brown silty-clay w/ orange mottles, moist, firm, w/ faint diesel odor.	3.2	6.4
		S4 *	11 11 17 17	12			As above, stiff, no odor.	0.1	0.2
		S5 *	6 7 35 50/2	15			As above, trace shale pieces, wet. ▼	0.2	0.3
					Sh				
							Spoon refusal at 9.6' on top of competent gray shale, augering continued to 15' bgs, auger cuttings consisted of gray silt.		
							* - Took Sample RSS-TB04-D610-S-O from 6'-10' from this Test Boring location		
							Monitoring well consists of 10.0' of 2.0" No. 10 slotted screen from 4.0'-14.0' bgs. Sand pack is from 3.0'-15.0' and bentonite seal is from 0.5'-3.0' bgs. Ground surface to 0.5' bgs is cement grout. Well was finished with a steel constructed protective riser.		

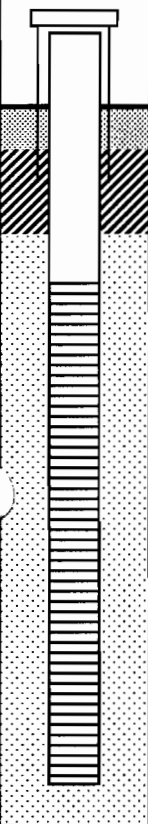







TEST BORING LOG

HOLE NO. 5 (MW-01IF)

Project: Former Roblin Steel SI/RAR
Client: Chautauqua County Department of Public Facilities
Contractor: SJB Inc.

Project No. 0020006
GS Elev
WS Ref Elev
N-S Coord B5 - 11
E-W Coord A4 - 20
Start Date 9/18/2002
Finish Date 9/18/2002
Driller S. Wolkiewicz
Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/18/2002	8:30	~ 8		Type HSA	SS	
10/4/2002	9:30	3.05		Diameter 4.25"	2.0"	
10/8/2002	16:45	3.33		Weight	140 #	
				Fall	30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	7 8 13 14	12		FILL	Black-brown sand (f,m), some gravel (f, ang.), trace concrete/brick pieces, dry, loose.	1.0	1.2
		S2	7 5 4 3	6		CL	Brown silty-clay w/ orange and gray mottles, moist, firm, w/ mild diesel odor.	19.3	5.0
	5	S3 *	3 4 4 6	20			Black-gray (stained) silty-clay, moist, firm, w/ strong diesel smell.	35.2	43.2
		S4 *	10 10 11 12	9			As above, stiff.	14.1	23.2
		S5 *	5 6 14 18	15			As above, wet.	39.1	27.1
	10	S6	21 30 34 35	9		ML	Brown sandy-silt trace gravel, saturated, very stiff, w/ mild diesel odor.	4.8	72.1
	S7	33 50/2 - -	10		Sh	Bm sl, (weathered Shale) trace sh pieces, sat., very stiff, strong diesel odor.	7.5	31.2	
15									
20							Spoon refusal at 12.6' on top of competent gray shale, augering continued to 16.0' bgs, auger cuttings consisted of gray silt. * - Took Sample RSS-TB05-D410-S-O from 4'-10' from this Test Boring location		
25									
30							Monitoring well consists of 12.0' of 2.0" No. 10 slotted screen from 4.0'-16.0' bgs. Sand pack is from 3.0'-17.0' and bentonite seal is from 1.0'-3.0' bgs. Ground surface to 1.0' bgs is cement grout. Well was finished with a steel constructed protective riser.		

TEST BORING LOG

HOLE NO. 6 (MW-06IF)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 + 52
 E-W Coord A8 - 45
 Start Date 9/18/2002
 Finish Date 9/18/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/18/2002	12:15	~ 4		Type	HSA	SS
10/3/2002	16:20	1.34		Diameter	4.25"	2.0"
10/4/2002	11:00	1.85		Weight		140 #
				Fall		30"

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	- -	0		Conc.	Concrete	-	-
		S2	- -	0				-	-
	5	S3	11 7 5 5	20		FILL	Brown sand (f,m), & gravel (f, ang.), saturated, loose. Bn silty-clay, orange mottles, & gravel, saturated, stiff.	0.1	0.1
		S4	6 4 4 4	12			As above. Gray sand (c), and gravel, saturated, loose.	0.1	0.1
	10	S5	3 1 1 1	-			As above.	-	-
		S6 *	1 1 1 1	8			Gray sand (c), and gravel, saturated, very loose.	0.0	0.0
		S7 *	1 1 1 1	4			As above.	0.0	0.0
	15	S8 *	1 1 1 1	3			As above.	0.0	
		S9 *	1 1 1 7	3			As above.	0.0	0.0
	20	S10 *	50/3 - -	2		Sh	Gr sn (c), trace sh pieces, & gvl, saturated, very loose. Spoon refusal at 18.25' on top of competent gray shale, augering continued to 23' bgs, auger cuttings consisted of gray silt.		
	25						* - Took Sample RSS-TB06-D1018-S-O from 10'-18' from this Test Boring location		
	30						Monitoring well consists of 15.0' of 2.0" No. 10 slotted screen from 5.0'-22.0' bgs. Sand pack is from 4.0'-23.0' and bentonite seal is from 2.0'-4.0' bgs. Ground surface to 2.0' bgs is cement grout. Well was finished with a steel constructed protective riser.		





TEST BORING LOG

HOLE NO. 7

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 - 3
 E-W Coord A11 + 40
 Start Date 9/19/2002
 Finish Date 9/19/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/19/2002	8:55	Unknown		Type HSA	SS	
				Diameter 4.25"	2.0"	
				Weight	140 #	
				Fall	30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1 *	4 5 7 7	8		FILL	Bl-bn sn (f,m), & gvl (f,ang.), trace metal particles dry.	24.0	13.2
		S2 *	7 7 8 9	9		CL	Brown clay, gray mottles, dry firm. As above, w/ orange mottles.	0.0	0.0
	5	S3	32 48 50/1 -	6		ML	Gray sand-silt (weathered shale), trace clay, little shale pieces, dry, very stiff.	0.0	0.0
	10						Spoon refusal at 5.0' on top of competent gray shale, augering continued to 10' bgs, auger cuttings consisted of gray silt. Rock coring began at 10' bgs and concluded at 20' bgs. Rock coring Run # 1(10' run): Gray to dark gray shale, thinly bedded, periodic calcite layers, with no apparent natural fractures, with 8.7' of total recovery and a 79% Rock Quality Designation (RQD). * - Took Sample RSS-TB07-D04-S-O from 0'-4' from this Test Boring location		
	15								
	20								
	25								
	30								

TEST BORING LOG

HOLE NO. 8 (MW-02IF)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 8
 E-W Coord A2 + 10
 Start Date 9/19/2002
 Finish Date 9/19/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/19/2002	16:35	~ 9		Type	HSA	SS	
10/4/2002	10:00	5.4		Diameter	4.25"	2.0"	
10/7/2002	17:30	5.33		Weight		140 #	
				Fall		30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1	- 20 10 10	6	XXXX	Con. FILL	Concrete. Black sand (f), trace gravel, dry, compact	0.1	0.2
		S2	9 9 5 7	6	XXXX	CL	Brown clay, dry, stiff. Gray clay, moist, stiff.	0.1	4.2
	5	S3	3 3 6 9	15	XXXX		As above.	0.1	7.1
		S4 *	7 9 13 17	16	XXXX		Brown clay, w/ orange and gray mottles, trace gray shale, moist, stiff.	0.4	30.2
	10	S5 *	6 5 8 11	18	XXXX		As above, only gray mottles. Gray silty-clay, wet, stiff.	0.4	20.3
		S6	13 16 26 35	21	XXXX	ML	As above, trace shale pieces. Dark brown silt, trace shale pieces, wet, very stiff.	0.2	24.2
		S7	30 38 50/4 -	5	XXXX		Gr sn-sl (weathered shale), trace sh pieces, wet, hard.	0.0	0.0
	15						Spoon refusal at 13.3' on top of competent gray shale, augering continued to 18.4' bgs, auger cuttings consisted gray silt.		
20						Completed augering to 18.4' bgs.			
25									
30							Monitoring well consists of 13.0' of 2.0" No. 10 slotted screen from 4.0'-17.0' bgs. Sand pack is from 3.0'-18.4' and bentonite seal is from 0.6'-3.0' bgs. Ground surface to 0.6' bgs is cement grout. Well was finished with a steel constructed protective riser.		

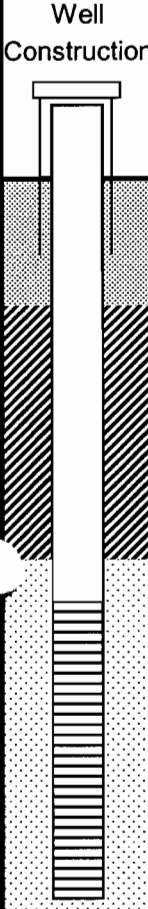
TEST BORING LOG

HOLE NO. 9 (MW-081F)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 18
 E-W Coord A8 + 47
 Start Date 9/20/2002
 Finish Date 9/120/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/20/2002	10:55	~ 6		Type	HSA	SS
10/3/2002	18:00	3.42		Diameter	4.25"	2.0"
10/8/2002	17:50	3.34		Weight		140 #
				Fall		30"

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	9 8	6	[Cross-hatch pattern]	FILL	Brown sand (f), some gravel (f, sub-round), dry, loose.	0.1	0.0
			8 7				As above.	0.1	0.0
		S2	4 3	6					
	5			2 2					
		S3	1 2	4	[Cross-hatch pattern]		Brown sand (c), little gravel (f, sub-round), wet, very loose.	0.2	0.0
			1 1				As above, saturated.	0.0	0.0
		S4 *	2 1	8					
				1 2					
10		S5 *	50/4 -	3	[Grid pattern]	Con.	Concrete	0.0	0.0
			- -						
	S6	1 1	2	[Cross-hatch pattern]	FILL	Brown sand (c), little gravel (f,c sub-round), saturated, very loose.	0.0	0.0	
		1 1				As above, and gravel.	0.0	0.0	
	S7	2 1	4						
			2 1						
15		S8	7 5	3	[Cross-hatch pattern]		Gray sand (c), little gravel (f,c ang.), saturated, very loose.	0.0	0.0
			2 1			As above, w/ oil globules, and oil odor.	0.7	1.0	
	S9	50/3 -	2	[Dashed pattern]		Sh			
			- -						
	20						Spoon refusal at 16.25' on top of competent gray shale, augering continued to 17.5' bgs, auger cuttings consisted gray silt (f).		
							* - Took Sample RSS-TB09-D1016-S-O from 10'-16' from this Test Boring location		
	25								
							Monitoring well consists of 7.0' of 2.0" No. 10 slotted screen from 10.0'-17.0' bgs. Sand pack is from 9.0'-17.5' and bentonite seal is from 3.0'-9.0' bgs. Ground surface to 3.0' bgs is cement grout. Well was finished with a steel constructed protective riser.		
	30								

TEST BORING LOG

HOLE NO. 10 (MW-05RK)

Project: Former Roblin Steel SI/RAR
Client: Chautauqua County Department of Public Facilities
Contractor: SJB Inc.

Project No. 0020006
GS Elev
WS Ref Elev
N-S Coord B4 + 45
E-W Coord A5 + 64
Start Date 9/23/2002
Finish Date 9/25/2002
Driller S. Wolkiewicz
Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/23/2002	8:30	~ 6		Type HSA	SS	HQ
10/3/2002	18:08	10.97		Diameter 4.25"	2.0"	3.5"
10/8/2002	10:00	10.98		Weight	140 #	
				Fall	30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
							Radiation - Not Detected		
		S1	-	0		Conc.	48" Concrete	-	-
		S2	-	0				-	-
	5	S3	4 4 4 3	16		FILL	Black silt, some gravel (c, sub-ang.) moist, stiff.	0.0	0.2
		S4	4 7 8 13	18		CL	Brown silty-clay w/ orange mottles, wet, soft. As above, trace shale pieces, saturated.	0.0	4.3
	10	S5 *	4 8 38 50/3	17			Brown silty-clay, saturated, firm, faint diesel odor. Gr sl-cl (weathered sh), some sh pieces, moist, hard. Spoon refusal at 9.7' on top of competent gray shale, augering continued to 10.5' bgs.	1.5	25.2
	15					Sh	Rock coring Run # 1(10' run): Gray shale, thinly bedded, with no apparent natural fractures, with 8.5' of total recovery and a 15.5% Rock Quality Designation (RQD).		
	20						Rock coring Run # 2 (10' run): Gray shale, thinly bedded, with no apparent natural fractures, with 10' of total recovery and a 58% Rock Quality Designation (RQD).		
	25								
	30								

TEST BORING LOG

HOLE NO. 10 (MW-05RK)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B4 + 45
 E-W Coord A5 + 64
 Start Date 9/23/2002
 Finish Date 9/25/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/23/2002	8:30	~ 6		Type	HSA	SS HQ
10/3/2002	18:08	10.97		Diameter	4.25"	2.0" 3.5"
10/8/2002	10:00	10.98		Weight		140 #
				Fall		30"

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks	
								PID Reading (ppm)	
								Direct Screen	Head Space
	35 40						Rock coring Run # 3(10' run): Gray shale, thinly bedded, with no apparent natural fractures, with 9.8' of total recovery and a 83% Rock Quality Designation (RQD).		
	45 50 55 60						* - Took Sample RSS-TB10-D810-S-O from 8'-10' from this Test Boring location Monitoring well consists of 15.0' of 2.0" No. 10 slotted screen from 25.5'-40.5' bgs. Sand pack is from 24.5'-40.5' and bentonite seal is from 14.5'-24.5' bgs. Ground surface to 3.0' bgs is cement grout. Overburden cave in from 3.0'-14.5' bgs after removal of temporary steel casing. Well was finished with a steel constructed protective riser.		

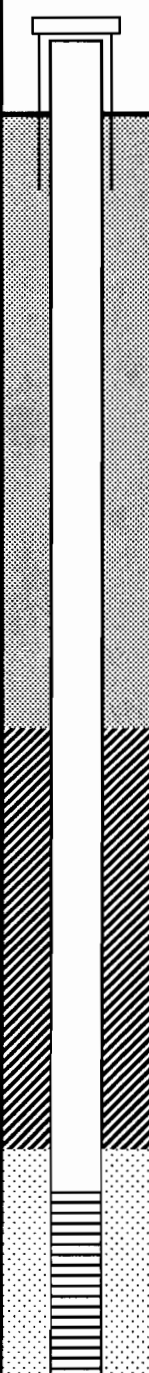



TEST BORING LOG

HOLE NO. 11 (MW-03RK)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B3 + 1
 E-W Coord A5 - 17
 Start Date 9/26/2002
 Finish Date 9/26/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data			
Date	Time	Depth	Elev		Casing	Sampler	Core
9/26/2002	7:45	Unknown		Type	HSA	SS	HQ
10/3/2002	11:25	9.75		Diameter	4.25"	2.0"	3.5"
10/8/2002	17:00	8.82		Weight		140 #	
				Fall		30"	

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
		S1	- 10 5 5	10		Conc.	Concrete	0.0	12.2
						FILL	Dark brown sand (f,m), trace gravel, dry, loose.		
		S2 *	7 11 6 9	16		CL	Gray silty-clay, w/ orange mottles, moist, firm, strong diesel odor.	172.0	1538.0
	5	S3 *	2 3 5 7	19		CL	As above.	120.0	900.0
		S4	7 9 12 15	20		CL	As above, some gravel (c, ang.), wet possibly from diesel fuel.	30.2	759.0
	S5	8 25 25 50/4	21	CL		Gray silty-clay, trace gravel (c, ang.) and shale pieces, moist, very stiff, mild diesel odor.	46.0	584.0	
10						Sh	Spoon refusal at 9.8' on top of competent gray shale, augering continued to 10.5' bgs, & temporary casing was set to 15' bgs.		
	15						Rock coring Run # 1(10' run): Dark gray to gray shale, thinly bedded, occasional calcite layers, with possible natural fractures at the top, middle and bottom of the run, with 9.8' of total recovery and a 52% Rock Quality Designation (RQD).		
	20						Rock coring Run # 2(10' run): Gray shale, thinly bedded, with no apparent natural fractures, with 10' of total recovery and a 48% Rock Quality Designation (RQD).		
	25								
	30								

TEST BORING LOG

HOLE NO. 12 (MW-09IF)

Project: Former Roblin Steel SI/RAR
 Client: Chautauqua County Department of Public Facilities
 Contractor: SJB Inc.

Project No. 0020006
 GS Elev
 WS Ref Elev
 N-S Coord B2 + 50
 E-W Coord A10 + 12
 Start Date 9/27/2002
 Finish Date 9/27/2002
 Driller S. Wolkiewicz
 Geologist J. Manzella

Groundwater Data (feet)				Equipment Data		
Date	Time	Depth	Elev	Casing	Sampler	Core
9/27/2002	9:40	~ 6		Type HSA	SS	
10/2/2002	10:55	4		Diameter 4.25"	2.0"	
10/7/2002	12:05	3.45		Weight 140 #	30"	
				Fall		

Well Construction	Depth (feet)	Sample No.	Blows per 6"	Recovery (in.)	Log	Unified	Field Description	Remarks PID Reading (ppm)	
								Direct Screen	Head Space
	0-5	S1 *	4 27 35 38	16		FILL	Dark brown-black sand (f,m), some gravel (sub-ang.), dry, compact.	25.0	418.0
	5-10	S2 *	15 10 10 11	8			As above, some black gravel, faint fuel oil smell.	26.0	378.0
	10-15	S3	4 3 2 4	14			Dark brown-black sand (f,m), some gravel (sub-ang.), trace shale pieces, wet, loose.	22.0	113.0
	15-20	S4	8 50/4 - -			ML	Gray silt (weathered shale), and shale pieces, saturated, stiff, faint fuel oil smell.	18.4	215.0
	20-30						Spoon refusal at 6.8' on top of competent gray shale, augering continued to 13.5' bgs, auger cuttings consisted of gray silt.		
	30-35						Completed augering to 13.5' bgs.		
	35-40						* - Took Sample RSS-TB12-D04-S-O from 0'-4' from this Test Boring location		
	40-45						Monitoring well consists of 10.0' of 2.0" No. 10 slotted screen from 3.5'-13.5' bgs. Sand pack is from 2.5'-13.5' and bentonite seal is from 0.5'-2.5' bgs. Ground surface to 0.5' bgs is cement grout. Well was finished with a steel constructed protective riser.		

APPENDIX D

MONITORING WELL INSTALLATION REPORTS



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SI/AR
 FILE NO. 5
 CONTRACTOR SJB
 DATE OF INSTALLATION 9-18-a
 LOCATION MW-1IP

GEOLOGIST JM
 DRILLER Steve Wolkiewicz
 WELL NO. 1
 BORING NO. 5
 SHEET 1 OF 1

LOCK NO. 3232

SURVEY DATUM _____

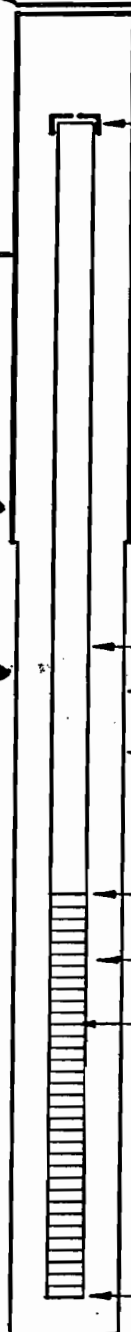
GROUND ELEVATION _____

GEOLOGIC
SUMMARY

BACKFILL
SUMMARY

1' To top of Bentonite seal

3' To top of sand



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2' 5"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2' 4"

THICKNESS OF SURFACE SEAL 1'

TYPE OF SURFACE SEAL Portland/Saltcrete

TYPE OF PROTECTIVE CASING Bl-painted Steel

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2' 7"

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 4'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 Sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 16'

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 17'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin's Steel ST/ABR
 FILE NO. 7
 CONTRACTOR STB
 DATE OF INSTALLATION 9-20-02
 LOCATION MW-2IF

GEOLOGIST JCN
 DRILLER Steve Nolkiewicz
 WELL NO. 2
 BORING NO. 8
 SHEET 1 OF 1

LOCK NO. 2232

SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC
SUMMARY

BACKFILL
SUMMARY



Top of Bentonite Seal 8"

Top of Sand 3'

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2'.7"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2.5'

THICKNESS OF SURFACE SEAL 8"

TYPE OF SURFACE SEAL Portland/Sulcrete

TYPE OF PROTECTIVE CASING Bin-Primed Steel

INSIDE DIAMETER OF PROTECTIVE CASING 5"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2'.5"

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 4'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 17'

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 18.4'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Public Stop SR/RAR
 FILE NO. 10
 CONTRACTOR STB
 DATE OF INSTALLATION 9-26-02
 LOCATION MW-3RK

GEOLOGIST JCM
 DRILLER JJB
 WELL NO. 3RK
 BORING NO. 11
 SHEET 1 OF 1

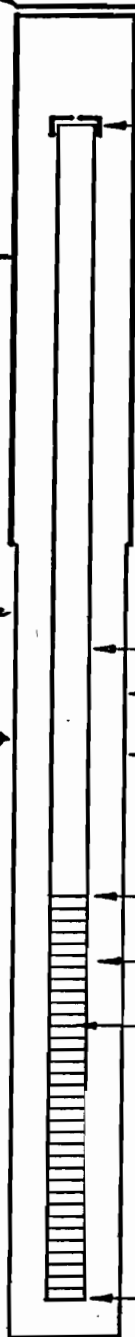
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SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC SUMMARY

BACKFILL SUMMARY



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2'8"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2'7"

THICKNESS OF SURFACE SEAL 14'

TYPE OF SURFACE SEAL Portland/Cement

TYPE OF PROTECTIVE CASING Galvanized Steel
5' long

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2'14"

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Grout

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 25.5'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 10 sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 40.5

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 40.5

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SI/RAR
 FILE NO. 4
 CONTRACTOR SJB
 DATE OF INSTALLATION 9-17-02
 LOCATION MW-4D

GEOLOGIST SCM
 DRILLER Steve Walkiewicz
 WELL NO. 4
 BORING NO. 4
 SHEET 1 OF 1

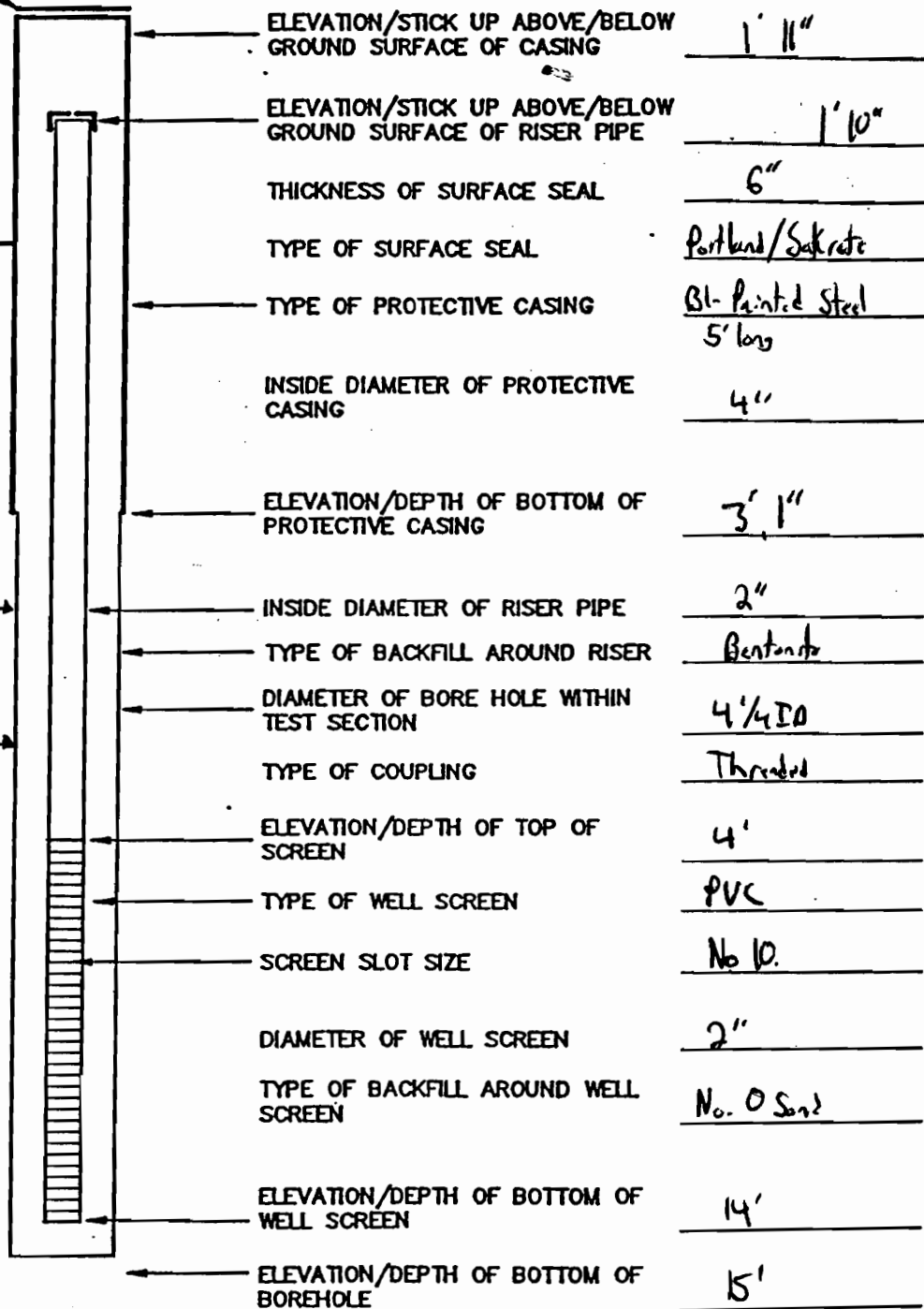
LOCK NO. 3232

SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC SUMMARY

BACKFILL SUMMARY



Top of Seal
0.5'

Top of Sand
3.0'

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 1' 11"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 1' 10"

THICKNESS OF SURFACE SEAL 6"

TYPE OF SURFACE SEAL Portland/Sakrete

TYPE OF PROTECTIVE CASING Bl- Painted Steel
5' long

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 3' 1"

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4" ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 4'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 Sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 14'

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 15'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)

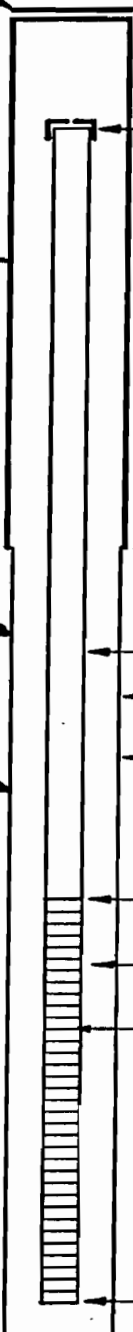


MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SP/RAR GEOLOGIST JCM
 FILE NO. R 9 DRILLER Steve Walkiewicz
 CONTRACTOR SJB WELL NO. 5
 DATE OF INSTALLATION 9-25-02 BORING NO. 10
 LOCATION MW-5 RK SHEET 1 OF 1

LOCK NO. 3232

SURVEY DATUM _____
 GROUND ELEVATION _____
 GEOLOGIC SUMMARY _____
 BACKFILL SUMMARY _____



Top of Bentonite
14.5'
Top of Sand
24.5'

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2'8"
 ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2'7"
 THICKNESS OF SURFACE SEAL 3'
 TYPE OF SURFACE SEAL Portland/Cement
 TYPE OF PROTECTIVE CASING Brn-painted steel
5' long
 INSIDE DIAMETER OF PROTECTIVE CASING 4"
 ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2'4"
 INSIDE DIAMETER OF RISER PIPE 2"
 TYPE OF BACKFILL AROUND RISER Bentonite
 DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4" ID
 TYPE OF COUPLING Threaded
 ELEVATION/DEPTH OF TOP OF SCREEN 25.5'
 TYPE OF WELL SCREEN PVC
 SCREEN SLOT SIZE No. 10
 DIAMETER OF WELL SCREEN 2"
 TYPE OF BACKFILL AROUND WELL SCREEN No. 0 sand
 ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 40.5'
 ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 40.5'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin steel SI/ROR
 FILE NO. OP# 6
 CONTRACTOR SJB
 DATE OF INSTALLATION 9-18-02
 LOCATION MW-6IP

GEOLOGIST JCM
 DRILLER Steve Wolkiewicz
 WELL NO. 6
 BORING NO. 6
 SHEET 1 OF 1

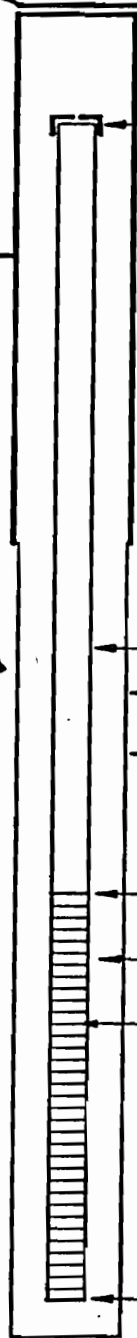
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SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC
SUMMARY

BACKFILL
SUMMARY



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2' 7"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2' 6"

THICKNESS OF SURFACE SEAL 2'

TYPE OF SURFACE SEAL Portland/Solcrete

TYPE OF PROTECTIVE CASING Bl-primed steel

INSIDE DIAMETER OF PROTECTIVE CASING 4"

Top of Bentonite
2'

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2' 5"

4' Top of sand

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 IP

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 5'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 Sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 22'

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 23'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel ST/RAA
 FILE NO. 3
 CONTRACTOR SJB
 DATE OF INSTALLATION 9-17-02
 LOCATION MW-7IF

GEOLOGIST JCM
 DRILLER Steve Wolkiewicz
 WELL NO. 7
 BORING NO. 3
 SHEET 1 OF 1

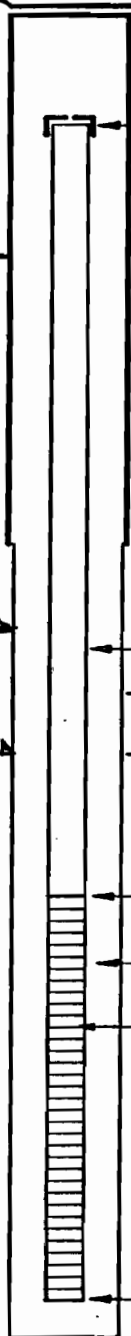
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SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC
SUMMARY

BACKFILL
SUMMARY



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2' 4"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2' 3"

THICKNESS OF SURFACE SEAL 6"

TYPE OF SURFACE SEAL Portland/Sakrete

TYPE OF PROTECTIVE CASING Bl-Painted Steel 8' long

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2' 6"

Top of Seal
0.5'

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

Top of Sand
3.0'

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 4'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 Sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 14'

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 15'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SEAR
 FILE NO. 8
 CONTRACTOR STB
 DATE OF INSTALLATION 9-20-02
 LOCATION MW-8PF

GEOLOGIST JEM
 DRILLER Steve Walkiewicz
 WELL NO. 8
 BORING NO. 9
 SHEET 1 OF 1

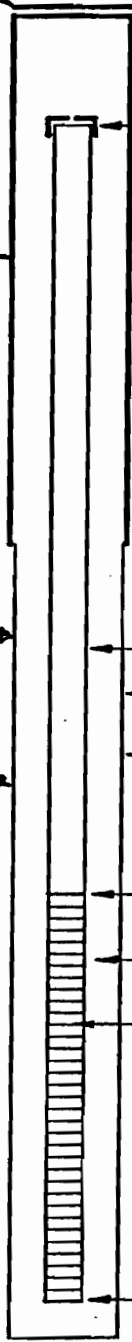
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SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC
SUMMARY

BACKFILL
SUMMARY



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2' 7"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2' 5"

THICKNESS OF SURFACE SEAL 3'

TYPE OF SURFACE SEAL Portland/Concrete

TYPE OF PROTECTIVE CASING Brn Painted Steel
5' long

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2' 5"

5' Top of Bentonite

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

Top of Sand 9'

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 10'

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 Sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 17'

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 17' 1/4"

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SP/RAR
 FILE NO. 11
 CONTRACTOR SJB
 DATE OF INSTALLATION 9-27-02
 LOCATION TB12-MW-9IA

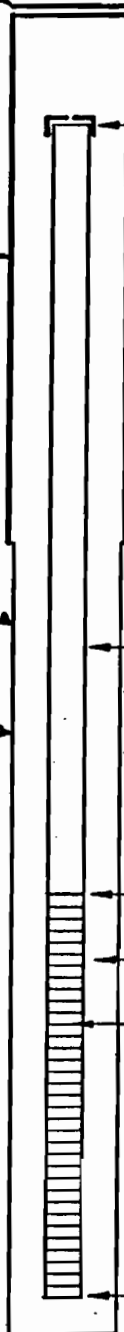
GEOLOGIST JCM
 DRILLER Steve Walkiewicz
 WELL NO. 9
 BORING NO. 12
 SHEET 1 OF 1

LOCK NO. 3232

SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC SUMMARY BACKFILL SUMMARY



- ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2' 8"
- ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2' 6"
- THICKNESS OF SURFACE SEAL 6"
- TYPE OF SURFACE SEAL Portland/Segrete
- TYPE OF PROTECTIVE CASING Steel
- INSIDE DIAMETER OF PROTECTIVE CASING Galvanized Steel 5' long
4"
- ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 2' 4"
- INSIDE DIAMETER OF RISER PIPE 2"
- TYPE OF BACKFILL AROUND RISER Bentonite
- DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4" ID
- TYPE OF COUPLING Threaded
- ELEVATION/DEPTH OF TOP OF SCREEN 3.5'
- TYPE OF WELL SCREEN PVC
- SCREEN SLOT SIZE No. 10
- DIAMETER OF WELL SCREEN 2"
- TYPE OF BACKFILL AROUND WELL SCREEN No. 0 Sand
- ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 13.5
- ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 13.5

Bentonite
Top of Sed
0.5'
Top of Sand
2.5'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SP/RAK
 FILE NO. 2
 CONTRACTOR SJB
 DATE OF INSTALLATION 9-16-02
 LOCATION R8S-MW11DF

GEOLOGIST JEM
 DRILLER Steve Wolkiewicz
 WELL NO. 11
 BORING NO. 2
 SHEET 1 OF 1

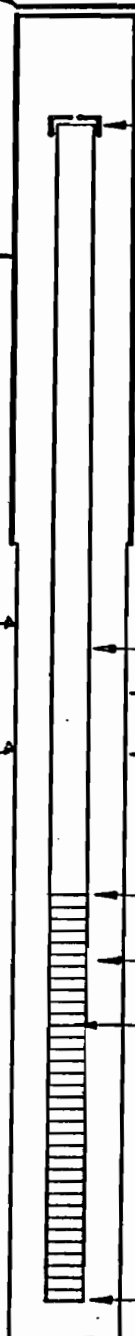
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SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC SUMMARY

BACKFILL SUMMARY



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 1' 11"

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 1' 10"

THICKNESS OF SURFACE SEAL 6"

TYPE OF SURFACE SEAL Portland/Cement

TYPE OF PROTECTIVE CASING Bl Painted Steel - 5' long

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 3' 1"

Top of Seal
0.5'

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

Top of Sand
3.5'

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 4' 5"

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE No. 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 10 Sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 14' 5"

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 15' 5"

(FIGURES REFER TO ELEVATION _____ DEPTH _____)



MONITORING WELL INSTALLATION REPORT

PROJECT Robin Steel SE/RAB
 FILE NO. 1
 CONTRACTOR STB
 DATE OF INSTALLATION 9-13-02
 LOCATION MS-MD-IP

GEOLOGIST JCM
 DRILLER Steve Wolkiewicz
 WELL NO. 12
 BORING NO. 1
 SHEET 1 OF 1

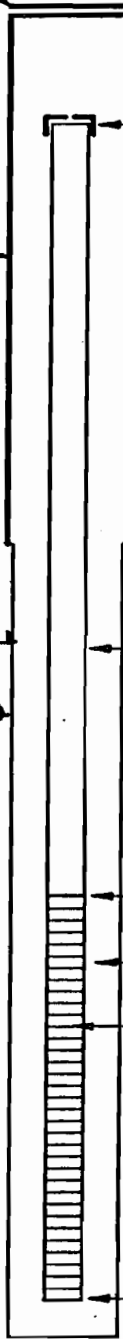
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SURVEY DATUM _____

GROUND ELEVATION _____

GEOLOGIC SUMMARY

BACKFILL SUMMARY



ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF CASING 2'

ELEVATION/STICK UP ABOVE/BELOW GROUND SURFACE OF RISER PIPE 2'

THICKNESS OF SURFACE SEAL 2'

TYPE OF SURFACE SEAL Portland, 50krcte

TYPE OF PROTECTIVE CASING Painted Steel, 5' dia

INSIDE DIAMETER OF PROTECTIVE CASING 4"

ELEVATION/DEPTH OF BOTTOM OF PROTECTIVE CASING 3'

INSIDE DIAMETER OF RISER PIPE 2"

TYPE OF BACKFILL AROUND RISER Bentonite

DIAMETER OF BORE HOLE WITHIN TEST SECTION 4 1/4 ID

TYPE OF COUPLING Threaded

ELEVATION/DEPTH OF TOP OF SCREEN 8' deep

TYPE OF WELL SCREEN PVC

SCREEN SLOT SIZE 10

DIAMETER OF WELL SCREEN 2"

TYPE OF BACKFILL AROUND WELL SCREEN No. 0 sand

ELEVATION/DEPTH OF BOTTOM OF WELL SCREEN 23' deep

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE 24'

Top of Seal
2.0'
Top of sand
7.0'

(FIGURES REFER TO ELEVATION _____ DEPTH _____)

APPENDIX E

WELL DEVELOPMENT/SAMPLING LOGS



WELL DEVELOPMENT LOG

HOLE NO: MW-1Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-4-02
Screen Length: 12'**Purge Information:**

(1) Depth to Bottom of Well: 18.07 (from TOC) (2) Depth to Water: 5.28' ft (from TOC)

(3) Column of Water: 12.69 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 2.06 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>Initial</u> <u>2:30</u>	<u>7.21</u>	<u>7.72</u>	<u>7.75</u>	<u>8.82</u>	<u>9.04</u>	<u>9.49</u>	<u>10.21</u>
Vol Purged (gal)	<u>0</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>10</u>
Time	<u>9:30</u>	<u>9:50</u>	<u>9:55</u>	<u>10:00</u>	<u>10:07</u>	<u>10:14</u>	<u>10:19</u>	<u>10:30</u>
ORP/EH (MV)	<u>-248</u>	<u>-213</u>	<u>-209</u>	<u>-210</u>	<u>-221</u>	<u>-220</u>	<u>-225</u>	<u>-225</u>
pH	<u>6.47</u>	<u>6.31</u>	<u>6.07</u>	<u>6.17</u>	<u>5.93</u>	<u>6.07</u>	<u>5.87</u>	<u>6.22</u>
Cond. (MS/CM)	<u>0.567</u>	<u>0.713</u>	<u>0.608</u>	<u>0.610</u>	<u>0.609</u>	<u>0.645</u>	<u>0.619</u>	<u>0.674</u>
Turb. (NTU)	<u>14.2</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>
D.O. (mg/l)	<u>6.42</u>	<u>9.63</u>	<u>8.75</u>	<u>8.69</u>	<u>7.57</u>	<u>8.43</u>	<u>7.55</u>	<u>8.45</u>
Salinity (%)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Temp. (°C)	<u>18.0</u>	<u>15.9</u>	<u>16.0</u>	<u>15.8</u>	<u>16.0</u>	<u>15.8</u>	<u>15.7</u>	<u>15.8</u>

Total Volume Purged: 31 gal Total Purge Time: 2 hrDevelopment Info: all volumes smelt of sulfur & had slight sheen
Development Method: _____ ↑
Parameters
on 2nd
bucket

Comments: P10-575, 1st sulfur smell when cover was taken off, 1st volume was gray colored w/ strong sulfur smell, 1st gallon was same as Vol. 2nd gal was lite Brn w/ a slight sheen
3rd volume lite Brn to cloudy, because of fast recharge decided to pump 5 gallons on 4th volume which was cloudy (almost clear), decided to increase on 7th volume due to fast recharge

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: MW-1Project Name: Robin Steel SI/RRR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-4-02
Screen Length: _____**Purge Information:**

(1) Depth to Bottom of Well: 18.07 (from TOC) (2) Depth to Water: 5.38 ft (from TOC)

(3) Column of Water: 12.69 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 206 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis: 10.50 11.32

Vol Purged (gal)	<u>10</u>	<u>10</u>						
Time	<u>10:42</u>	<u>10:54</u>						
ORP/EH (MV)	<u>-224</u>	<u>-220</u>						
pH	<u>6.32</u>	<u>6.31</u>						
Cond. (MS/CM)	<u>0.777</u>	<u>0.803</u>						
Turb. (NTU)	<u>999</u>	<u>999</u>						
D.O. (mg/l)	<u>7.8</u>	<u>8.19</u>						
Salinity (%)	<u>0</u>	<u>0</u>						
Temp. (°C)	<u>15.6</u>	<u>17.7</u>						

Total Volume Purged: 51 gal Total Purge Time: 2 hrs**Development Info:**

Development Method: _____

Comments: 8th volume H₂O was cloudy w/ sulfur smell, 2nd 5 gallons was Ben w/ sediment
no screen on last 3 volumes

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: MW-2Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-3-02
Screen Length: 13'**Purge Information:**

(1) Depth to Bottom of Well: 19.31' (from TOC) 18.71 w/pump
 (2) Depth to Water: 7.90 ft (from TOC)
 (3) Column of Water: 11.41 (#1 - #2)
 (4) Casing Diameter: 2" in
 (5) Volume Conversion: 0.163 gal/ft
 (6) 1 Vol. of Well: 1.86 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:initial 9.65 10.76 13.25 15.95 18.32 18.32

Vol Purged (gal)	<u>0.0</u>	<u>2.00</u>	<u>2.00</u>	<u>2.00</u>	<u>1.9</u>	<u>0.5</u>		
Time	<u>10:02</u>	<u>10:15</u>	<u>10:22</u>	<u>10:27</u>	<u>10:33</u>	<u>10:40</u>		
ORP/EH (MV)	<u>211</u>	<u>153</u>	<u>179</u>	<u>25</u>	<u>147</u>	<u>62</u>		
pH	<u>6.14</u>	<u>6.23</u>	<u>6.24</u>	<u>6.23</u>	<u>6.25</u>	<u>6.28</u>		
Cond. (MS/CM)	<u>1.43</u>	<u>1.46</u>	<u>1.44</u>	<u>1.43</u>	<u>1.42</u>	<u>1.4</u>		
Turb. (NTU)	<u>183</u>	<u>999</u>	<u>767</u>	<u>866</u>	<u>999</u>	<u>7999</u>		
D.O. (mg/l)	<u>4.72</u>	<u>8.45</u>	<u>7.11</u>	<u>6.63</u>	<u>7.85</u>	<u>9.62</u>		
Salinity (%)	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>		
Temp. (°C)	<u>14.9</u>	<u>15.0</u>	<u>15.8</u>	<u>14.8</u>	<u>14.0</u>	<u>14.0</u>		

Total Volume Purged: 8.4 gal Total Purge Time: 38 minDevelopment Info: soft BottomDevelopment Method: pumped 2gpm

Comments: PTD-381 initial; 1st volume, 1st 2 liters OK Br the rest was clear
clearer @ 2nd & 3rd volumes were pumped, 4th volume OK Br w/ alot of sediment
pumped dry on 5th volume which was full of sediment

Logged By: J. Manzella



WELL DEVELOPMENT LOG

MW- 3
HOLE NO: 3Project Name: Robin Steel SI/RAR
Project Location: Ounkirk, NYProject No: 0020006
Date: 10-3-02
Screen Length: 15'**Purge Information:**(1) Depth to Bottom of Well: 42.21' (2) Depth to Water: 12.33 ft
(from TOC) (from TOC)
(3) Column of Water: 29.88 (4) Casing Diameter: 2" in
(#1 - #2)
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 4.87 galMethod of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

10-402 10.75' net pump

Field Analysis:	initial 10.63	32.9	39.8'	41.85'	41.12	42.95	31.35	37.99
Vol Purged (gal)	0	5	2.4	1.0	1.0	1.1	5	2.8
Time	11:25	11:45	11:55	12:12	12:20	12:40	11:22 ¹⁰⁻⁴⁰²	11:30
ORP/EH (MV)	-99	-125	-74	62	40	9	-161	-125
pH	6.13	6.32	6.15	6.15	6.16	6.07	6.16	6.14
Cond. (MS/CM)	1.35	1.67	2.03	3.08	3.44	3.82	2.13	2.07
Turb. (NTU)	54.3	999	999	999	999	999	999	999
D.O. (mg/l)	6.09	7.74	7.59	8.00	7.86	8.03	8.57	8.42
Salinity (%)	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1
Temp. (°C)	15.0	13.3	13.3	13.7	14.3	13.9	14.6	15.1

Total Volume Purged: 18.8 gal Total Purge Time: 2 hrDevelopment Info: pump @ 60pm

Development Method: _____

Comments: P2D 16.8, 1st volume 2-3 liters Dark Br, then gray w/sulfur smell
2nd volume 1st liter Dark Br, then lite Br & pumped Dry, 3rd volume pumped Dry
from 40.5' - 39.5' took 1.5 min, (6th vol. (10-402) was clear except 1st liter
was very sediment filled, 7th volume was lite br to clear

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: MW-3

Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-4-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 42.1 (from TOC) (2) Depth to Water: 12.33 ft (from TOC)

(3) Column of Water: 29.80 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 4.87 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>4011</u>							
Vol Purged (gal)	<u>0.5</u>							
Time	<u>11:35</u>							
ORP/EH (MV)	<u>-70</u>							
pH	<u>6.08</u>							
Cond. (MS/CM)	<u>3.08</u>							
Turb. (NTU)	<u>997</u>							
D.O. (mg/l)	<u>8.54</u>							
Salinity (%)	<u>0.2</u>							
Temp. (°C)	<u>14.4</u>							

Total Volume Purged: 18.8 gal Total Purge Time: 2h

Development Info:

Development Method: _____

Comments: pumped to dryness on last 2 volumes

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: M-4
 Project Name: Robin Steel SI/RAR
 Project Location: Dunkirk, NY

 Project No: 0020006
 Date: 10-4-02
 Screen Length: 10'
Purge Information:
 (1) Depth to Bottom of Well: 16.07 (from TOC)
 (2) Depth to Water: 3.81' (from TOC) ft
 (3) Column of Water: 12.26 (#1 - #2)
 (4) Casing Diameter: 2" in
 (5) Volume Conversion: 0.163 gal/ft
 (6) 1 Vol. of Well: 1.99 gal
Method of Purging: WaTerra/Bailer/Submersible/Other:**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>init</u> <u>3.02</u>	<u>8.81</u>	<u>11.79</u>	<u>13.71</u>	<u>14.82</u>	<u>14.84</u>	<u>14.81</u>	<u>14.82</u>
Vol Purged (gal)	<u>0</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1.7</u>	<u>1.4</u>	<u>2</u>	<u>2</u>
Time	<u>8:04</u>	<u>8:19</u>	<u>8:24</u>	<u>8:27</u>	<u>8:34</u>	<u>8:44</u>	<u>8:55</u>	<u>9:10</u>
ORP/EH (MV)	<u>207</u>	<u>214</u>	<u>197</u>	<u>148</u>	<u>-37</u>	<u>-152</u>	<u>-152</u>	<u>-160</u>
pH	<u>6.25</u>	<u>6.15</u>	<u>6.09</u>	<u>6.02</u>	<u>6.03</u>	<u>5.99</u>	<u>6.05</u>	<u>6.11</u>
Cond. (MS/CM)	<u>1.30</u>	<u>1.54</u>	<u>1.51</u>	<u>1.59</u>	<u>1.53</u>	<u>1.50</u>	<u>1.25</u>	<u>1.24</u>
Turb. (NTU)	<u>1.8</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>
D.O. (mg/l)	<u>5.78</u>	<u>6.57</u>	<u>8.73</u>	<u>8.37</u>	<u>8.43</u>	<u>8.45</u>	<u>8.76</u>	<u>8.56</u>
Salinity (%)	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>
Temp. (°C)	<u>18.7</u>	<u>17.1</u>	<u>17.5</u>	<u>16.6</u>	<u>16.1</u>	<u>15.9</u>	<u>16.2</u>	<u>16.0</u>

 Total Volume Purged: 13.1 gal Total Purge Time: 1 hr

 Development Info:
 Development Method: after 10min after 15min after 15min

 Comments: PID- 461. 1st volume 1st lite was Ben, the rest was + lite Ben; lite Ben
almost cloudy as was 3rd Volume; on 4th Volume Pumped Dry + was Chocolate
milk but couple liters, 5th volume full of sediment + w/ sulfur smell as was 6th
Volume + 7th
Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: MW-5

Project Name: Roblin Stal SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-3-03
Screen Length: 15'

Purge Information:

(1) Depth to Bottom of Well: 43.00' (from TOC) (2) Depth to Water: 11.55' (from TOC) ft
(3) Column of Water: 31.5 (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 5.13 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

*10-4-02
2:35-4/pur*

Field Analysis:	Initial	30.15	38.95	41.35	41.00	40.15	41.34	30.10
Vol Purged (gal)	0.0	5	5	2.2	3.5	5	4.5	5
Time	13:30	13:47	14:03	14:11	14:35	14:58	15:25	15:35
ORP/EH (MV)	182	141	119	136	144	121	122	63
pH	6.42	6.04	6.25	6.30	6.03	6.14	6.24	6.23
Cond. (MS/CM)	0.292	0.611	1.69	2.16	2.43	2.56	2.64	2.74
Turb. (NTU)	70.3	999	999	999	999	999	973	934
D.O. (mg/l)	6.30	8.93	9.29	9.68	8.89	8.69	9.77	8.94
Salinity (%)	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Temp. (°C)	17.2	13.6	13.5	13.5	13.5	13.8	13.6	15.7

Total Volume Purged: 33.7 gal Total Purge Time: _____

Development Info: pumped dry after 2nd volume
Development Method: _____ *after washing 15 min*

Comments: 1st liter OK Br, as was whole volume, 2nd volume was chocolate milk Ben (entire volume) as was 3rd volume 3rd V, pumped dry 5th volume after 1st liter was clear as was 6th, w/ the exception of the 1st 2-3 liter vol. 7 was clear

Logged By: J. Mandella



Development
WELL-SAMPLING LOG

HOLE NO: MW05

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 002 006
Date: 10-4-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 43.00 (from TOC) (2) Depth to Water: 11.55' ft (from TOC)
(3) Column of Water: 31.5 (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 5.13 gal

Method of Purging: WaTerra/Bailer Submersible / Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>40.01</u>							
Vol Purged (gal)	<u>3.5</u>							
Time	<u>15:42</u>							
ORP/EH (MV)	<u>50</u>							
pH	<u>6.29</u>							
Cond. (MS/CM)	<u>2.76</u>							
Turb. (NTU)	<u>999</u>							
Salinity (%)	<u>0.1</u>							
D.O. (mg/l)	<u>9.62</u>							
Temp. (°C)	<u>15.3</u>							

Total Volume Purged: 33.7 gal Total Purge Time: 2410 min

Sampling Info:

Sample Method: _____ No. of Bottles: _____
Sample Time: _____
Sample Analyses: _____

Comments: 8th volume pumped dry

Logged By: J. Manzo



WELL DEVELOPMENT LOG

HOLE NO: 6

Project Name: Robin Steel SE/RAR
Project Location: Ounkirk, NY

Project No: 002006
Date: 10-3-02
Screen Length: 17'

Purge Information:

(1) Depth to Bottom of Well: 22.09' (from TOC) (2) Depth to Water: 3.84' (from TOC) ft
(3) Column of Water: 18.25 (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 2.9 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	1	2	3	4	5	6	7	8
Vol Purged (gal)	0.0	3	3	3	5	10	10	10
Time	16:20	16:31	16:39	16:44	16:50	16:59	17:20	17:35
ORP/EH (MV)	77	44	15	-46	-28	-20	-23	-41
pH	8.80	7.23	7.72	7.27	7.39	7.32	7.22	7.24
Cond. (MS/CM)	0.482	0.506	0.462	0.413	0.383	0.366	0.329	0.225
Turb. (NTU)	338	>999	>999	7990	>999	>999	>999	980
D.O. (mg/l)	7.06	9.28	9.34	7.02	9.95	9.52	8.80	8.52
Salinity (%)	0.0	0.0	0	0	0	0	0	0
Temp. (°C)	17.8	15.0	14.7	14.9	14.9	14.6	14.8	14.9

Total Volume Purged: 44 gal Total Purge Time: 1hr 15 min

Development Info:

Development Method: permanif problems w/pump

Comments: PIP - 276, 1st volume, thick filled w/ silt almost like soup
as was 2nd volume, 3rd was a medium bin, as was 4th - 5 gallons on 4th due to high
recharge rate + sediment, 10 gallons on 5th volume for same reason

Logged By: J. Manzalk



WELL DEVELOPMENT LOG

HOLE NO: MW-7Project Name: Robin Steel ST/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-3-02
Screen Length: 10'**Purge Information:**

(1) Depth to Bottom of Well: 15.85 (from TOC) (2) Depth to Water: 5.72 ft (from TOC)

(3) Column of Water: 10.13 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.65 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____Volume Conversion: w/pur in Depth w/pur 14.88

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>initial 5.44</u>	<u>8.45</u>	<u>10.42</u>	<u>11.74</u>	<u>13.44</u>	<u>14.88</u>	<u>14.88</u>
Vol Purged (gal)	0.0	1.6	1.6	1.6	1.6	1.0	0.9
Time	8:38	8:47	8:54	9:00	9:05	9:09	9:15
ORP/EH (MV)	35	126	127	191	46	101	107
pH	6.17	6.08	6.09	6.07	6.12	6.11	6.16
Cond. (MS/CM)	1.56	1.57	1.62	1.62	1.71	1.66	1.69
Turb. (NTU)	164	999	999	999	7999	7999	7999
D.O. (mg/l)	4.50	8.35	7.13	8.49	7.17	7.16	8.56
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Temp. (°C)	16.9	16.0	16.7	16.1	15.6	15.4	15.6

Total Volume Purged: 8.2 gal Total Purge Time: 37 min**Development Info:**Development Method: pump

Comments: PIA-71.4 on 1st open, 1st volume Dk Ben, w/silt, bottom of well was soft
pumped @ 1g in 45 sec, 1st 3 volumes lots of silt, Dk Ben - all 6 volumes were Dk Ben
+ slight shear on H₂O

Logged By: J. Manzella



WELL DEVELOPMENT LOG

MW-8
HOLE NO: 8Project Name: Robin Steel ST/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10/3/02
Screen Length: 7'

Purge Information:

(1) Depth to Bottom of Well: 18.10 (from TOC) (2) Depth to Water: 5.84 ft
(3) Column of Water: 12.26 (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.99 galMethod of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

	initial	5.10	9.35	11.71	12.42	15.52	15.79	16.69
Vol Purged (gal)	0	2	2	2	10	10	10	10
Time	18:01	18:15	18:18	18:22	18:32	18:41	18:50	18:59
ORP/EH (MV)	33	-91	-48	-55	-45	-112	-94	-110
pH	7.47	6.77	6.76	7.69	6.96	7.95	7.75	7.46
Cond. (MS/CM)	0.439	1.92	0.975	0.445	0.443	0.9154	0.797	0.938
Turb. (NTU)	999	2999	999	999	999	999	999	999
D.O. (mg/l)	7.21	5.92	9.23	8.93	9.25	9.24	9.37	9.16
Salinity (%)	0	0	0	0.0	0	0	0	0
Temp. (°C)	16.1	14.1	13.8	13.7	13.7	13.6	13.8	13.8

Total Volume Purged: 46 gal Total Purge Time: 57 min

Development Info:

Development Method: pump

Comments: very soft Bottom, 1st volume was thick + full of Ark silt as were 2nd + 3rd; because of high sediment + fast recharge decided to bump up to 10 gallons, 4th volume still very silty (Ark Brn), in middle of 5th turned to lighter brn, ... lite brn on 6th volume, as was 7th

Logged By: J. Manzella



WELL DEVELOPMENT LOG

MW-
HOLE NO: 9

Project Name: Robin Steel SI/RAR
Project Location: Ounkirk

Project No: 0020006
Date: 10-2-02
Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 15.90 (from TOC) (2) Depth to Water: 6.50 ft (from TOC)

(3) Column of Water: 9.4 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.52 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>initial</u> <u>6.24</u>	<u>6.24</u>	<u>6.39</u>	<u>6.39</u>	<u>6.39</u>	<u>6.39</u>	<u>6.46</u>	<u>6.64</u>
Vol Purged (gal)	<u>0</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2.4</u>	<u>5.0</u>	<u>5.0</u>
Time	<u>10:55</u>	<u>11:00</u>	<u>11:05</u>	<u>11:10</u>	<u>11:12</u>	<u>11:16</u>	<u>11:21</u>	<u>11:25</u>
ORP/EH (MV)	<u>103</u>	<u>-46</u>	<u>22</u>	<u>25</u>	<u>35</u>	<u>33</u>	<u>34</u>	<u>38</u>
pH	<u>6.13</u>	<u>6.51</u>	<u>6.14</u>	<u>6.18</u>	<u>6.19</u>	<u>6.16</u>	<u>6.20</u>	<u>6.22</u>
Cond. (MS/CM)	<u>0.547</u>	<u>0.685</u>	<u>0.752</u>	<u>0.852</u>	<u>0.807</u>	<u>0.804</u>	<u>0.796</u>	<u>0.797</u>
Turb. (NTU)	<u>999</u>	<u>799</u>	<u>799</u>	<u>992</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>
D.O. (mg/l)	<u>7.40</u>	<u>1.45</u>	<u>6.95</u>	<u>6.30</u>	<u>7.05</u>	<u>7.13</u>	<u>5.61</u>	<u>7.07</u>
Salinity (%)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
Temp. (°C)	<u>18.3</u>	<u>17.5</u>	<u>18.1</u>	<u>17.8</u>	<u>17.9</u>	<u>17.9</u>	<u>17.8</u>	<u>17.8</u>

Total Volume Purged: 50.4 gal Total Purge Time: 53 min

Development Info:

Development Method: pump

Comments: PID- 376, fuel oil smelter Volume #1

Logged By: J. Manzella



WELL DEVELOPMENT LOG

MW-
HOLE NO: 9Project Name: Robin Steel SP/RAR
Project Location: Dunkirk, NYProject No: 002006
Date: 10-2-02
Screen Length: 10'**Purge Information:**

(1) Depth to Bottom of Well: 15.9 (from TOC) (2) Depth to Water: 6.50 ft (from TOC)

(3) Column of Water: 9.4 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.52 gal

Method of Purging: Wa Terra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

	<u>6.72</u>	<u>6.54</u>	<u>6.65</u>					
Vol Purged (gal)	<u>5.0</u>	<u>10.0</u>	<u>15.6</u>					
Time	<u>11:30</u>	<u>11:37</u>	<u>11:48</u>					
ORP/EH (MV)	<u>36</u>	<u>36</u>	<u>27</u>					
pH	<u>6.21</u>	<u>6.25</u>	<u>6.57</u>					
Cond. (MS/CM)	<u>0.800</u>	<u>0.801</u>	<u>0.771</u>					
Turb. (NTU)	<u>999</u>	<u>999</u>	<u>233</u>					
D.O. (mg/l)	<u>6.68</u>	<u>7.38</u>	<u>8.78</u>					
Salinity (%)	<u>0.6</u>	<u>0.6</u>	<u>0.6</u>					
Temp. (°C)	<u>17.9</u>	<u>17.9</u>	<u>18.00</u>					

Total Volume Purged: 50.7 gal Total Purge Time: 53 min**Development Info:**Development Method: pumpComments: GoodLogged By: Jan Manzella



WELL DEVELOPMENT LOG

HOLE NO: 11

Project Name: Roblin Steel SI/RAA
Project Location: Ounkirk, NYProject No: 0020006
Date: 10-2-02
Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 16.6 (from TOC) (2) Depth to Water: 2.56 ft (from TOC)
 (3) Column of Water: 14.04 (#1 - #2) (4) Casing Diameter: 2" in
 (5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 2.28 gal

Method of Purging: WaTerra/Bailer Submersible/Other: _____

Volume Conversion:

2" = 0.163

4" = 0.653

6" = 1.469

8" = 2.611

10" = 4.08

w/ pump in & Horiz in bucket

Field Analysis:

	initial	2.56	7.62	10.92	11.75	15.6	15.61	14.89	15.14
Vol Purged (gal)	0	2.5	2.5	2.5	2.4	0.5	0.6	0.4	
Time	8:40	8:55	9:05	9:15	9:20	9:30	10:00	10:25	
ORP/EH (MV)	146	-17	-92	79	137	164	138	180	
pH	6.53	6.31	6.81	7.08	6.74	7.72	6.81	7.04	
Cond. (MS/CM)	0.991	1.26	1.17	1.26	1.39	1.29	1.24	1.19	
Turb. (NTU)	238	999	999	999	999	999	999	999	
D.O. (mg/l)	4.69	4.69	2.30	2.67	4.53	6.56	11.34	9.11	
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Temp. (°C)	19.1	18.7	20.3	18.8	17.8	21.2	19.1	18.2	

Total Volume Purged: 11.4 gal Total Purge Time: 1 hr 45 min

Development Info:

Development Method: Grundfos pump

Comments: oil sheen on 2nd volume, 1st 3 volumes looked like chocolate milk
after 5th volume ≈ 6" of H₂O was in well & pumping was not possible, so it was
allowed to recharge & it took 12 min to recharge a foot (15.2-14.2 bgs)
on 6th took 15 min (14.89-13.89')

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: MW-12Project Name: Robin Steel SI/RRR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-4-02
Screen Length: _____**Purge Information:**

(1) Depth to Bottom of Well: 23.91 (from TOC) (2) Depth to Water: 12.99 ft (from TOC)

(3) Column of Water: 10.92 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.78 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>12.80</u>	<u>16.28</u>	<u>17.81</u>	<u>19.19</u>	<u>21.35</u>	<u>21.55</u>	<u>21.81</u>	<u>21.48</u>
Vol Purged (gal)	<u>0</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3.1</u>	<u>2.7</u>	<u>3.0</u>	<u>5.0</u>
Time	<u>12:14</u>	<u>12:22</u>	<u>12:29</u>	<u>12:33</u>	<u>12:38</u>	<u>12:45</u>	<u>12:55</u>	<u>13:15</u>
ORP/EH (MV)	<u>-26</u>	<u>2</u>	<u>-67</u>	<u>-160</u>	<u>-91</u>	<u>-224</u>	<u>-233</u>	<u>-237</u>
pH	<u>6.14</u>	<u>6.27</u>	<u>6.23</u>	<u>6.35</u>	<u>6.28</u>	<u>6.23</u>	<u>6.45</u>	<u>6.21</u>
Cond. (MS/CM)	<u>1.34</u>	<u>1.37</u>	<u>1.55</u>	<u>1.97</u>	<u>2.19</u>	<u>2.48</u>	<u>2.58</u>	<u>4.16</u>
Turb. (NTU)	<u>63.4</u>	<u>999</u>	<u>7999</u>	<u>7999</u>	<u>7999</u>	<u>7999</u>	<u>999</u>	<u>999</u>
D.O. (mg/l)	<u>4.09</u>	<u>8.53</u>	<u>7.87</u>	<u>7.14</u>	<u>7.52</u>	<u>6.97</u>	<u>5.21</u>	<u>3.85</u>
Salinity (%)	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>
Temp. (°C)	<u>15.6</u>	<u>15.7</u>	<u>15.2</u>	<u>14.5</u>	<u>14.2</u>	<u>13.9</u>	<u>13.6</u>	<u>14.4</u>

Total Volume Purged: 26.3 gal Total Purge Time: 9 hr 31 min**Development Info:**Development Method: permeameter

after 10 min after 10 min

Comments: P10-318, 1st volume - Dk Brn w/ silt, noticeable sheen today; same w/ 2nd Vol
& 3rd & 4th, 4th volume pumped to dryness as was 5th, on 6th volume H₂O started to turn
to a lighter color Brn, but still smelled of petroleum, on 7th volume H₂O started to come out
clear except 1st liter, but as it pumped to bottom it got a bit more silty.

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: MW-12

Project Name: Robin Steel SI/RAR
 Project Location: Dunkirk, NY

Project No: 0020006
 Date: 10-4-02
 Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 23.91 (from TOC) (2) Depth to Water: 12.99 ft (from TOC)

(3) Column of Water: 10.92 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.78 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

2167 249

Vol Purged (gal)	<u>3.5</u>	<u>3.0</u>						
Time	<u>13:30</u>	<u>13:45</u>						
ORP/EH (MV)	<u>-233</u>	<u>-236</u>						
pH	<u>6.28</u>	<u>6.08</u>						
Cond. (MS/CM)	<u>7.12</u>	<u>6.98</u>						
Turb. (NTU)	<u>999</u>	<u>999</u>						
D.O. (mg/l)	<u>9.06</u>	<u>7.75</u>						
Salinity (%)	<u>0.1</u>	<u>0.1</u>						
Temp. (°C)	<u>14.6</u>	<u>14.7</u>						

Total Volume Purged: 1 + 26.3 gal Total Purge Time: 1 hr 30 min

Development Info: after 15 min
 Development Method: pump

Comments: Volume 8, except 1st liter H₂O was just cloudy, less sediment, it appears well is as clear as it well get, after 9th volume, sulfur smell on vol. 7-9
Vol 8 + 9 were almost identical in appearance Vols. 4-9 were all pumped to dryness
& a wait of 10-15 min was taken between each of these volumes

Logged By: J. Manzella



WELL DEVELOPMENT LOG

HOLE NO: Existing MW-9

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-2-07
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 13.43' (from TOC) (2) Depth to Water: 7.31' (from TOC) ft

(3) Column of Water: 6.21 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 0.997 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>initial</u>	<u>7.92</u>	<u>10.25</u>	<u>10.40</u>	<u>10.65'</u>	<u>10.80</u>	<u>10.42</u>	<u>10.6</u>
Vol Purged (gal)	<u>0</u>	<u>1.5</u>	<u>2.00</u>	<u>2.0</u>	<u>1.5</u>	<u>1.5</u>	<u>1.5</u>	<u>1.5</u>
Time	<u>12:20</u>	<u>12:24</u>	<u>12:28</u>	<u>12:31</u>	<u>12:36</u>	<u>12:39</u>	<u>12:44</u>	<u>12:48</u>
ORP/EH (MV)	<u>-45</u>	<u>-48</u>	<u>-39</u>	<u>-36</u>	<u>-33</u>	<u>-27</u>	<u>-22</u>	<u>-18</u>
pH	<u>6.30</u>	<u>6.38</u>	<u>6.28</u>	<u>6.55</u>	<u>6.67</u>	<u>6.77</u>	<u>6.60</u>	<u>6.80</u>
Cond. (MS/CM)	<u>0.702</u>	<u>0.647</u>	<u>0.637</u>	<u>0.521</u>	<u>0.512</u>	<u>0.488</u>	<u>0.498</u>	<u>0.487</u>
Turb. (NTU)	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>
D.O. (mg/l)	<u>8.57</u>	<u>6.84</u>	<u>7.48</u>	<u>6.31</u>	<u>7.01</u>	<u>5.61</u>	<u>6.23</u>	<u>6.27</u>
Salinity (%)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
Temp. (°C)	<u>19.3</u>	<u>19.3</u>	<u>19.1</u>	<u>18.6</u>	<u>18.2</u>	<u>18.1</u>	<u>18.1</u>	<u>18.1</u>

Total Volume Purged: 11.5 gal Total Purge Time: 28 min

Development Info:

Development Method: per pump

Comments: Recharge is very fast on this well 35 sec (10.6 - 9.6)
silty @ bottom, water was clear on Vol 5 until bottom of well was reached
last 4 volumes well was pumped dry

Logged By: J. Manzella



WELL DEVELOPMENT LOG

Exists
HOLE NO: 10

Project Name: Robin Steel SI/RAK
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-2-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 14.92 (from TOC) (2) Depth to Water: 7.69 ft (from TOC)
(3) Column of Water: 7.23' (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.18 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>initial</u>	<u>9.20</u>	<u>10.10</u>	<u>11.65</u>	<u>13.0'</u>	<u>13.98</u>		
Vol Purged (gal)	<u>0</u>	<u>1.3</u>	<u>1.2</u>	<u>1.4</u>	<u>0.9</u>	<u>0.6</u>	<u>0.1</u>	
Time	<u>13:47</u>	<u>13:55</u>	<u>13:58</u>	<u>14:03</u>	<u>14:09</u>	<u>14:14</u>	<u>14:17</u>	
ORP/EH (MV)	<u>-104</u>	<u>-118</u>	<u>-77</u>	<u>-106</u>	<u>-125</u>	<u>-144</u>	<u>-141</u>	
pH	<u>6.48</u>	<u>6.52</u>	<u>6.51</u>	<u>6.72</u>	<u>6.84</u>	<u>6.62</u>	<u>6.61</u>	
Cond. (MS/CM)	<u>0.934</u>	<u>0.976</u>	<u>0.943</u>	<u>0.907</u>	<u>0.850</u>	<u>0.882</u>	<u>0.818</u>	
Turb. (NTU)	<u>64.7</u>	<u>4520</u>	<u>376</u>	<u>507</u>	<u>322</u>	<u>498</u>	<u>800</u>	
D.O. (mg/l)	<u>4.02</u>	<u>4.96</u>	<u>6.82</u>	<u>4.17</u>	<u>7.62</u>	<u>7.47</u>	<u>7.31</u>	
Salinity (%)	<u>0.0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Temp. (°C)	<u>19.4</u>	<u>18.9</u>	<u>19.6</u>	<u>18.9</u>	<u>19.2</u>	<u>19.3</u>	<u>19.6</u>	

Total Volume Purged: 5.5 gal Total Purge Time: 30 min

Development Info:

Development Method: pump

Comments: PID-0.0, 1st volume, strong sulfur smell, H₂O was Dark Brown
on 3rd volume well was pumped until dryness, 4th was also pumped dry
after 1st volume H₂O was relatively clear w/ sulfur odor; from 13.8 - 13.2' took 30 sec
above B₂ recharge was slower

Logged By: J. Manzell



WELL DEVELOPMENT LOG

Existing 11
HOLE NO:

Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020008
Date: 10-2-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 19.55 (from TOC) (2) Depth to Water: 7.27' ft (from TOC)

(3) Column of Water: 12.28 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 2.00 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

	<u>initial</u> <u>7.56</u>	<u>11.25</u>	<u>12.8'</u>	<u>16.74'</u>	<u>17.0'</u>	<u>17.59'</u>		
Vol Purged (gal)	<u>0</u>	<u>2</u>	<u>2</u>	<u>1.5</u>	<u>1.2</u>	<u>0.5</u>		
Time	<u>14:46</u>	<u>14:58</u>	<u>15:03</u>	<u>15:08</u>	<u>15:12</u>	<u>15:19</u>		
ORP/EH (MV)	<u>-66</u>	<u>-65</u>	<u>-80</u>	<u>-86</u>	<u>-85</u>	<u>-72</u>		
pH	<u>6.92</u>	<u>6.38</u>	<u>6.40</u>	<u>6.38</u>	<u>6.40</u>	<u>6.35</u>		
Cond. (MS/CM)	<u>1.32</u>	<u>1.10</u>	<u>1.33</u>	<u>1.33</u>	<u>1.32</u>	<u>1.31</u>		
Turb. (NTU)	<u>587</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>	<u>999</u>		
D.O. (mg/l)	<u>1.33</u>	<u>7.63</u>	<u>7.50</u>	<u>7.79</u>	<u>7.49</u>	<u>5.53</u>		
Salinity (%)	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.2</u>		
Temp. (°C)	<u>18.2</u>	<u>17.9</u>	<u>17.9</u>	<u>17.5</u>	<u>18.2</u>	<u>18.0</u>		

Total Volume Purged: 7.2 gal Total Purge Time: 33min

Development Info:

Development Method: pump

Comments: PI0-464, on 2nd Volume PI0-53 ppm on H₂O, sediment was visible in lot 2-3 liters of each development volume, then clear, pumped dry to 1.5 gallons on 3rd volume, recharge ≈ 0.5' in 20sec, pumped dry on 4th volume 3th + 4th were dry, but recharge from dry to 16.7 was almost instantaneous, above, much slower vds 4 + 5 were D.K. Brn; no petro odor on H₂O

Logged By: J. Manzella



WELL DEVELOPMENT LOG

Exists
HOLE NO: MW-12

Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 002006
Date: 10-2-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 21.71' (from TOC) (2) Depth to Water: 9.17' (from TOC) ft
(3) Column of Water: 12.54 (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 2.04 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion: Total Depth = 20.65' w/ pumping well

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	<u>initial</u>	<u>13.05</u>	<u>16.05</u>	<u>18.40</u>	<u>19.75</u>	<u>19.65</u>	<u>20.15</u>
Vol Purged (gal)	0.0	2	2	1.5	0.8	0.5	0.3
Time	15:50	16:00	16:05	16:14	16:16	16:24	16:26
ORP/EH (MV)	-8	-42	-85	-96	-105	-102	-110
pH	6.70	6.41	6.38	6.89	6.52	6.57	6.70
Cond. (MS/CM)	1.62	1.56	1.33	1.59	1.52	1.49	1.52
Turb. (NTU)	122	999	999	999	999	999	999
D.O. (mg/l)	5.10	8.66	8.32	6.00	8.60	8.51	8.54
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Temp. (°C)	18.6	17.2	17.8	16.4	16.9	17.1	17.4

Total Volume Purged: 2.1 gal Total Purge Time: 36 min

Development Info:

Development Method: pump

Comments: PIA-O, 1st Volume Dark-Brown, w/ silt,
2nd Volume, 1st gal Brown w/ silt, 2nd gallon almost clear ~ 90%; 3rd volume pumped to
dryness (< 6" of H₂O, mild sulfur smell on all volumes; 4th volume pumped dry
2 was 5th

Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-01

Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-8-02
Screen Length: _____**Purge Information:**

(1) Depth to Bottom of Well: 18.15 (from TOC) (2) Depth to Water: 5.66 ft (from TOC)

(3) Column of Water: 12.49 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 163 gal/ft (6) 1 Vol. of Well: 2.04 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	initial	10-9-02	10-11-02				
Vol Purged (gal)	-	2.0	-				
Time	16:43	16:49	12:22				
ORP/EH (MV)	-266	-266	-268				
pH	7.09	7.25	7.05				
Cond. (MS/CM)	.533	.554	0.549				
Turb. (NTU)	7999	7999	111				
Salinity (%)	0.0	0.0	0				
D.O. (mg/l)	8.93	4.16	8.27				
Temp. (°C)	17.5	15.4	18.3				

Total Volume Purged: 2.0 gal Total Purge Time: 6 minSampling Info: sample on 10-9-02 for metals + on 10-11-02 for organics + Total MetalsSample Method: Grundfos pumpSample Time: 14:50 No. of Bottles: 6Sample Analyses: ASP-VDA, SVOA, PCB/Pest, Tot Metals + CN by ASP

Comments: PIA=132 on 10-8-02, sulfur odor on H₂O + full of Gray Bin Sed
PIA on 10-9-02 =56.4, 10-9-02 strong sulfur smell, 10-11-02 cloudy all bailers

Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-2

Project Name: Robin Steel SI/RAR

Project No: 0020006

Project Location: Dunkirk, NY

Date: 10-8-02

Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 19.30
(from TOC)

(2) Depth to Water: 7.85' ft
(from TOC)

(3) Column of Water: 11.45
(#1 - #2)

(4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft

(6) 1 Vol. of Well: 1.86 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163

4" = 0.653

6" = 1.469

8" = 2.611

10" = 4.08

Field Analysis:

		10-9-02 9.87'	10-11-02 10.52'				
Vol Purged (gal)	initial 2.0	-					
Time	17:33 17:38	14:41					
ORP/EH (MV)	35 51	-37					
pH	6.90 6.99	6.77					
Cond. (MS/CM)	1.33 1.19	1.39					
Turb. (NTU)	799 702	110					
Salinity (%)	0.1 0.1	0.1					
D.O. (mg/l)	8.35 5.18	6.75					
Temp. (°C)	16.0 15.3	15.3					

Total Volume Purged: 2.0 gal Total Purge Time: 5 min

Sampling Info: sampled on 10-9-02 for metals & on 10-11-02 for organics @ 15:35

Sample Method: Grundfos pump

Sample Time: 14:45 No. of Bottles: 6

Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals & CN by ASP

Comments: PID - 189, PID on 10-9-02 - 82.6

Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-3Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-8-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 42.21 (from TOC) (2) Depth to Water: 11.40' (from TOC) ft(3) Column of Water: 30.81 (#1 - #2) (4) Casing Diameter: 2" in(5) Volume Conversion: .163 gal/ft (6) 1 Vol. of Well: 5.02 galMethod of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163

4" = 0.653

6" = 1.469

8" = 2.611

10" = 4.08

Field Analysis:	INITIAL	10-9-02	10-11-02				
Vol Purged (gal)	5.0	-	-				
Time	17:02	17:16	13:58				
ORP/EH (MV)	-221	-245	-217				
pH	6.88	7.05	6.55				
Cond. (MS/CM)	.831	1.35	0.699				
Turb. (NTU)	39.5	734	999				
Salinity (%)	0	0.1	0				
D.O. (mg/l)	3.51	0.32	2.76				
Temp. (°C)	15.7	13.10	12				

Total Volume Purged: 5 gal Total Purge Time: 14 minSampling Info: sampled 10-9-02 for Metals & on 10-11-02 for organics & Total nchl, @Sample Method: Grundfos pump

No. of Bottles: _____

Sample Time: 14:05Sample Analyses: ASP - VOA, SWOA, PCB/Pest, Tot Metals & CN by ASPComments: PID = 3.1, sulfur odor, PID on 10-9-02 = 4.810-11-02 water like brnLogged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-04

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-8-02
Screen Length: _____**Purge Information:**(1) Depth to Bottom of Well: 16.07 (from TOC) (2) Depth to Water: 4.30' (from TOC) ft(3) Column of Water: 11.77 (#1 - #2) (4) Casing Diameter: 2" in(5) Volume Conversion: _____ gal/ft (6) 1 Vol. of Well: 1.92 galMethod of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163

4" = 0.653

6" = 1.469

8" = 2.611

10" = 4.08

Field Analysis:	Initial		10-9-02	10-11-02				
			6.54	6.23				
Vol Purged (gal)	-	2.0	-					
Time	16:25	16:31	11:46					
ORP/EH (MV)	-18	-123	52					
pH	6.80	6.91	6.57					
Cond. (MS/CM)	.938	1.30	1.46					
Turb. (NTU)	7999	7999	705					
Salinity (%)	0.0	0.1	0.1					
D.O. (mg/l)	8.29	3.24	5.00					
Temp. (°C)	18.5	17.5	17.4					

Total Volume Purged: 2.0 gal Total Purge Time: 6 minSampling Info: sample on 10-9-02 for metals + 10-11-02 @ 14:30 for organicsSample Method: Grundfos pumpNo. of Bottles: 6Sample Time: 11:50Sample Analyses: ASP-VDA, SVOA, PCB/Pest, Tot Metals + CN by ASPComments: PIA-89.3 on 10-8-02, PIA on 10-9-02 176.2Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-5

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-8-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 43.05 (from TOC) (2) Depth to Water: 11.56' ft (from TOC)

(3) Column of Water: 31.49 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 5.13' gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163

4" = 0.653

6" = 1.469

8" = 2.611

10" = 4.08

Field Analysis:

	<u>10-9-02</u> 18:17	<u>10-11-02</u> 11:56'				
Vol Purged (gal)	<u>initial</u>	<u>5.0</u>	<u>-</u>			
Time	<u>18:08</u>	<u>18:19</u>	<u>15:37</u>			
ORP/EH (MV)	<u>#19</u>	<u>-3</u>	<u>-2</u>			
pH	<u>7.21</u>	<u>7.32</u>	<u>7.15</u>			
Cond. (MS/CM)	<u>2.34</u>	<u>2.50</u>	<u>2.82</u>			
Turb. (NTU)	<u>53.5</u>	<u>500</u>	<u>157</u>			
Salinity (%)	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>			
D.O. (mg/l)	<u>9.19</u>	<u>.63</u>	<u>6.33</u>			
Temp. (°C)	<u>17.2</u>	<u>13.4</u>	<u>13.8</u>			

Total Volume Purged: 5.0 gal Total Purge Time: 9 minSampling Info: sampled on 10-9-02 for metals + on 10-11-02 @ 11:10 for organicsSample Method: Grundfos pumpSample Time: 15:40No. of Bottles: 6Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals + CN by ASPComments: PID-22.1, PID-10A-02-18.9Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-6

Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-4-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 23.22 (from TOC) (2) Depth to Water: 4.35 ft (from TOC)

(3) Column of Water: 18.87 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: .163 gal/ft (6) 1 Vol. of Well: 3.07 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	initial u.s.s	10-8-02	10-11-02				
Vol Purged (gal)	0	3.0	-				
Time	1:00	11:10	11:02				
ORP/EH (MV)	62	-23	115				
pH	8.13	9.21	9.81				
Cond. (MS/CM)	.345	.336	0.348				
Turb. (NTU)	31.6	7999	135.0				
Salinity (%)	0	0	0				
D.O. (mg/l)	8.65	7.60	7.62				
Temp. (°C)	17.2	15.4	16.7				

Total Volume Purged: 3 gal Total Purge Time: 10 min

Sampling Info: sampled 10-8-02 - Metals, SVOA, VOA PCB/Pest -10-11-02

Sample Method: Grundfos Pump

Sample Time: 11:05, 11:10, 11:15 10-11-02 - 8:40 No. of Bottles: 12 4oz 34oz 12 1L 38oz (6)

Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals & CN by ASP

Comments: PID-76.3, sampling day 10-8-02

Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-7

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-8-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 15.84 (from TOC) (2) Depth to Water: 5.58 ft (from TOC)

(3) Column of Water: 10.26 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.67 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	initial	10/8/02	10-9-02 5.68	10-11-02 5.76				
Vol Purged (gal)	-	1.8	-					
Time	16:09	16:14	11:24					
ORP/EH (MV)	53	-11	-141					
pH	6.41	6.83	6.54					
Cond. (MS/CM)	1.83	1.87	1.91					
Turb. (NTU)	2999	324	799					
Salinity (%)	0.1	0.1	0.1					
D.O. (mg/l)	9.19	6.95	6.58					
Temp. (°C)	17.9	17.2	17.4					

Total Volume Purged: _____ gal Total Purge Time: _____

Sampling Info: sampled on 10-9-02 for neds, 10-11-02 @ 14:10 w/ orifice

Sample Method: Grundfos pump

Sample Time: 11:30 No. of Bottles: 4

Sample Analyses: ASP-VOA, SVOA, PCB/Pest, TAL Metals & CN by ASP

Comments: PTD-12.9, PTD on 10-9-02-23.7, slight sulfur smell-10-8-02

Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-7

Project Name: Robin Steel SSI
Project Location: Dunkirk, NY

Project No: 0020006
Date: 1-14-03
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 15.86 (from TOC) (2) Depth to Water: 4.49 ft (from TOC)

(3) Column of Water: 11.37 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.85 gal

Method of Purging: WaTerra/Bailer/Submersible/Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

initial
4.49

Vol Purged (gal)	-	2.0	-				
Time	10:30	10:30	17:30				
ORP/EH (MV)	N/A	N/A	N/A				
pH	7.2	7.00	6.85				
Cond. (MS/CM)	1.9	1.94	2.01				
Turb. (NTU)	164	154	9				
Salinity (%)	0.08	0.08	0.09				
D.O. (mg/l)	11.89	11.07	10.54				
Temp. (°C)	7.4	8.2	5.9				

Total Volume Purged: 2 gal Total Purge Time: 10min

Sampling Info:

Sample Method: Aqua Bailer (1.61) No. of Bottles: 2 x 40mL VOA

Sample Time: 17:30

Sample Analyses: ASP - VOA

Comments: _____

Logged By: J. Marzella



WELL SAMPLING LOG

HOLE NO: MW-8Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-8-02
Screen Length: _____**Purge Information:**

(1) Depth to Bottom of Well: 19.05 (from TOC) (2) Depth to Water: 5.76' (from TOC) ft

(3) Column of Water: 13.28 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 2.16 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

			10-9-02 5.82'	10-11-02 5.97'				
Vol Purged (gal)	initial	2.1	-					
Time	17:49	17:54	15:08					
ORP/EH (MV)	4	-97	-85					
pH	8.54	8.89	8.75					
Cond. (MS/CM)	0.393	0.401	0.385					
Turb. (NTU)	47.9	757	359					
Salinity (%)	0	0	0					
D.O. (mg/l)	7.82	4.97	7.43					
Temp. (°C)	16.5	15.0	16.8					

Total Volume Purged: 2.1 gal Total Purge Time: 5 minSampling Info: sampled on 10-9-02 for metals & on 10-11-02 for organics @ 15:55Sample Method: Grundfos pumpSample Time: 15:10No. of Bottles: 6Sample Analyses: ASP-VOA, SVOA, PCB/Pest, Tot Metals & CN by ASPComments: PI#-1.9, mild sulfur smell, PFD on 10-9-02-1.8Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-9

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-7-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 15.99 (from TOC) (2) Depth to Water: 5.95 ft (from TOC)

(3) Column of Water: 10.04 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 1.63 gal/ft (6) 1 Vol. of Well: 1.63 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163

4" = 0.653

6" = 1.469

8" = 2.611

10" = 4.08

Field Analysis:	initial	10-8-02 6.07	10-11-02 6.73				
Vol Purged (gal)	0	1.75	—				
Time	11:05	12:10	12:48				
ORP/EH (MV)	67	-4	51				
pH	6.77	6.81	6.60				
Cond. (MS/CM)	.55	.738	0.763				
Turb. (NTU)	7999	>999	>999				
Salinity (%)	0	0	0				
D.O. (mg/l)	2.20	8.25	5.79				
Temp. (°C)	17.6	17.7	17.9				

Total Volume Purged: 1.75 gal Total Purge Time: 5 min

Sampling Info: sample on 10-8-02 @ 11:50 for metals, 10-11-02 - organic @ 11:50

Sample Method: Grundfos pump

Sample Time: 12:50 No. of Bottles: 6

Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals + CN by ASP

Comments: PID-206, very far bid, PID on 10-8-02 20.4

10-11-02 - all but 1st bailer was chocolate milk

Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-11Project Name: Robin Steel SI/RARProject No: 0020006Project Location: Dunkirk, NYDate: 10-4-02

Screen Length: _____

Purge Information:(1) Depth to Bottom of Well: 16.57 (from TOC) (2) Depth to Water: 2.54 ft (from TOC)(3) Column of Water: 14.03 (#1 - #2) (4) Casing Diameter: 2" in(5) Volume Conversion: .163 gal/ft (6) 1 Vol. of Well: 2.28 galMethod of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163

4" = 0.653

2.78 6" = 1.469

8" = 2.611

10" = 4.08

Field Analysis:

	<u>Initial</u> <u>2.54</u>	<u>10/7/02</u>	<u>10/8/02</u>	<u>2.52</u> <u>(10-11-02)</u>				
Vol Purged (gal)	0	2.5	-					
Time	11:31	11:40	12:14					
ORP/EH (MV)	113	3	87					
pH	6.84	6.88	6.57					
Cond. (MS/CM)	.868	.897	0.889					
Turb. (NTU)	2999	248	2999					
Salinity (%)	0	0	0					
D.O. (mg/l)	7.54	7.13	6.47					
Temp. (°C)	18.1	18.3	18.0					

Total Volume Purged: 2.5 gal Total Purge Time: 9 min.Sampling Info: sampled on 10-8-02 @ 12:15 for metals - 10-11-02 organics 10:50Sample Method: Grundfos pumpNo. of Bottles: 240ml 1-8oz
41L 1-4ozSample Time: 12:15Sample Analyses: ASP-VOA, SVOA, PCB/Pest, Tot Metals & CN by ASPComments: PID 32.7, cloudy, slight sulfur odor
PID and day-10-8-02-61.5Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: MW-12Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-7-02
Screen Length: _____**Purge Information:**(1) Depth to Bottom of Well: 23.94 (2) Depth to Water: 13.02 ft
(from TOC) (from TOC)(3) Column of Water: 10.92 (4) Casing Diameter: 2" in
(#1 - #2)(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.77 galMethod of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	initial	10-8-02	10-11-02				
Vol Purged (gal)	0	2	—	13.08	13.04		
Time	10:00	10:30	10:58				
ORP/EH (MV)	-120	-94	67				
pH	6.77	6.92	6.67				
Cond. (MS/CM)	32.6	1.47	1.33				
Turb. (NTU)	35.6	7999	151				
Salinity (%)	0.1	0.1	0.1				
D.O. (mg/l)	1.51	5.63	1.96				
Temp. (°C)	12.4	14.4	14.5				

Total Volume Purged: 2 gal Total Purge Time: 30 minSampling Info: sampled 10-8-02 - Metals - organics 10-11-02Sample Method: Grundfos pumpSample Time: 10:10No. of Bottles: 240ml
4-16
1-802 1402 7Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals & CN by ASPComments: P10-102, slight sulfur smell, P10 did dry - sampling CO.4Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: ^{EXISTING} MW-9Project Name: Robin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-7-02
Screen Length: _____**Purge Information:**

(1) Depth to Bottom of Well: 13.40 (from TOC) (2) Depth to Water: 7.26 ft (from TOC)

(3) Column of Water: 6.14 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: .163 gal/ft (6) 1 Vol. of Well: 1.00 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2.34

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis: ← 10/7/02 → ← 10/8/02

Vol Purged (gal)	-	1.0	-					
Time	12:25	12:30	13:51					
ORP/EH (MV)	-69	-71	6					
pH	6.69	6.80	6.59					
Cond. (MS/CM)	.672	.717	0.504					
Turb. (NTU)	7999	7999	7999					
Salinity (%)	0	0	0					
D.O. (mg/l)	4.27	7.89	5.03					
Temp. (°C)	18.3	18.1	18.5					

Total Volume Purged: 1.0 gal Total Purge Time: 5 minSampling Info: 10-8-02 @ 14:00 for metals on 10-11-02 organics @Sample Method: Grundfos pumpSample Time: 14:00 No. of Bottles: 7Sample Analyses: ASP-VOA, SVOA, PCB/Pest, Tot Metals & CN by ASPComments: PIP-0.0, sulfur odor, PIP 10-8-02Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: Existing MW-10Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-7-02
Screen Length: _____**Purge Information:**

(1) Depth to Bottom of Well: 14.92 (from TOC) (2) Depth to Water: 7.72 ft (from TOC)

(3) Column of Water: 7.20 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: 0.163 gal/ft (6) 1 Vol. of Well: 1.17 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____**Volume Conversion:**

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

	<u>10-8-02*</u>	<u>10-11-02</u>					
Vol Purged (gal)	-	1.2	-				
Time	12:42	12:50	13:33				
ORP/EH (MV)	-116	-132	-157				
pH	6.51	6.79	6.47				
Cond. (MS/CM)	.758	.759	0.810				
Turb. (NTU)	>999	840	>999				
Salinity (%)	0	0	0				
D.O. (mg/l)	5.99	5.49	5.38				
Temp. (°C)	18.7	18.2	18.7				

Total Volume Purged: 1.2 gal Total Purge Time: 8 minSampling Info: sampled on 10-8-02 for metals, 10-11-02 for organics 12:00Sample Method: Grundfos pumpSample Time: 14:35 No. of Bottles: 7Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals + CN by ASPComments: PID = 0, turbid, cloudy; PID: 10-8-02-0.2Logged By: J. Manzella



WELL SAMPLING LOG

HOLE NO: ^{Existing} MW-11

Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NY

Project No: 0020006
Date: 10-7-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 18.53 (from TOC) (2) Depth to Water: 7.12 ft (from TOC)

(3) Column of Water: 11.41 (#1 - #2) (4) Casing Diameter: 2" in

(5) Volume Conversion: .163 gal/ft (6) 1 Vol. of Well: 1.86 gal

Method of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:

	10-8-02 7.34'							
Vol Purged (gal)	-	2.0	-					
Time	12:58	13:07	14:58					
ORP/EH (MV)	32	-18	3					
pH	6.79	6.98	6.59					
Cond. (MS/CM)	.975	1.22	1.22					
Turb. (NTU)	>999	>999	>999					
Salinity (%)	0	0.1	0.1					
D.O. (mg/l)	8.33	2.22	6.71					
Temp. (°C)	18.5	17.8	18.2					

Total Volume Purged: 2.0 gal Total Purge Time: 9 min

Sampling Info: sampled on 10-8-02 for metals, 10-11-02 - organics @ 12:25
+ FO
 Sample Method: Grundfos pump on all
 Sample Time: 15:00 No. of Bottles: 6

Sample Analyses: ASP-VOA, SVOA, PCB/Pest, Tot Metals & CN by ASP

Comments: PID-1393, unrecognizable odor present, PID on 10-P-02-412

Logged By: J. Manzella



WELL SAMPLING LOG

Existing
HOLE NO: MW-12Project Name: Roblin Steel SI/RAR
Project Location: Dunkirk, NYProject No: 0020006
Date: 10-7-02
Screen Length: _____

Purge Information:

(1) Depth to Bottom of Well: 21.68 (from TOC) (2) Depth to Water: 9.35 ft (from TOC)
(3) Column of Water: 12.33 (#1 - #2) (4) Casing Diameter: 2" in
(5) Volume Conversion: .163 gal/ft (6) 1 Vol. of Well: 2.00 galMethod of Purging: WaTerra/Bailer Submersible Other: _____

Volume Conversion:

2" = 0.163 4" = 0.653 ¹⁰⁻⁸⁻⁰² 2nd purg. 6" = 1.469 8" = 2.611 10" = 4.08

Field Analysis:	initial 10/7/02 -	¹⁰⁻⁸⁻⁰² 7.65'		10-9-02 11.34	10-11-02 10.23			
Vol Purged (gal)	-	2.25	-	2	-			
Time	13:16	13:24	15:47	15:54	10:48			
ORP/EH (MV)	-81	-99	-29	-70	-86			
pH	6.89	7.17	6.60	7.08	6.99			
Cond. (MS/CM)	1.25	1.36	1.90	1.42	1.39			
Turb. (NTU)	7999	7999	7999	7999	7990			
Salinity (%)	0.1	0.1	0.1	0.1	0.1			
D.O. (mg/l)	4.61	1.54	6.96	5.34	0.83			
Temp. (°C)	18.7	17.2	17.7	16.5	16.1			

Total Volume Purged: 2.25 gal Total Purge Time: 8 minSampling Info: sampled on 10-9-02 for metals + 10-11-02 for organics - 12:55Sample Method: Grundfos pumpSample Time: 11:00 No. of Bottles: 6Sample Analyses: ASP - VOA, SVOA, PCB/Pest, Tot Metals + CN by ASPComments: PID-20.4, S₄ for odor and day/purge - 8.0, PID on 10-9-02Logged By: J. Manzella

APPENDIX F

STL ANALYTICAL LABORATORY REPORT

ANALYTICAL REPORT

Job#: A02-8323

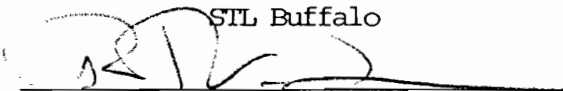
STL Project#: NY2A8931

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - Concrete

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

11/25/2002

This report contains 22 pages which are individually numbered.

Severn Trent Laboratories, Inc.

STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228

Tel 716 691 2600 Fax 716 691 7991 • www.st-inc.com

METHODS SUMMARY

Job#: A02-8323STL Project#: NY2A8931Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL</u>	<u>METHOD</u>
TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S	ASP95	8082
Leachable pH	ASP95	9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
September 1995

000002

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A2832301	RSS-SS01-CC-O	08/19/2002	12:45	08/19/2002	20:00
A2832302	RSS-SS02-CC-O	08/19/2002	13:30	08/19/2002	20:00
A2832303	RSS-SS03-CC-O	08/19/2002	14:10	08/19/2002	20:00
A2832304	RSS-SS04-CC-O	08/19/2002	14:40	08/19/2002	20:00
A2832305	RSS-SS05-CC-O	08/19/2002	15:50	08/19/2002	20:00
A2832306	RSS-SS06-CC-O	08/19/2002	16:20	08/19/2002	20:00
A2832307	RSS-SS07-CC-O	08/19/2002	16:45	08/19/2002	20:00
A2832308	RSS-SS08-CC-O	08/19/2002	17:10	08/19/2002	20:00

NON-CONFORMANCE SUMMARY

Job#: A02-8323STL Project#: NY2A8931Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A02-8323

Sample Cooler(s) were received at the following temperature(s); 9 °C

All samples were received at a temperature of 9°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC Extractable Data

All soil samples analyzed for Method 8082 (PCB) required re-extraction due to low level contamination in the Method Blank extracted with the batch. The samples were re-extracted within holding time and exhibit quality control results compliant with specified QC criteria. Only the re-extraction data set has been submitted.

Several samples required dilution prior to analysis due to the high concentration of target analytes. The surrogates were diluted out of samples RSS-SS05-CC-0 and RSS-SS06-CC-0 due to dilution of the extracts.

The initial calibration verification for Aroclor 1221 analyzed on 08/26/02 prior to sample analysis exceeded the quality control criteria of less than or equal to 15 percent difference. The response was high, leading to positive bias. There were no sample hits for Aroclor 1221; no corrective action was indicated.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 11/25/2002
Time: 10:04:43

Dilution Log w/Code Information
For Job A02-8323

000005

Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SS03-CC-0	A2832303RE	8082	5.00	008
RSS-SS05-CC-0	A2832305RE	8082	5000.00	008
RSS-SS06-CC-0	A2832306RE	8082	50.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P"
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits
- K Indicates the post digestion spike recovery is not within the quality control limits
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

Sample Data Package

Date: 11/25/2002
Time: 09:36:26

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Concrete
TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Rept: AN0326

Client ID	Job No	Sample Date	Lab ID	Units	RSS-SS01-CC-O A02-8323 08/19/2002	A2832301RE	Reporting Limit	Sample Value	RSS-SS02-CC-O A02-8323 08/19/2002	A2832302RE	Reporting Limit	Sample Value	RSS-SS03-CC-O A02-8323 08/19/2002	A2832303RE	Reporting Limit	Sample Value	RSS-SS04-CC-O A02-8323 08/19/2002	A2832304RE	Reporting Limit
Aroclor 1016				UG/KG	ND	17	17	ND	ND	18	83	ND	ND	83	18	ND	ND	18	18
Aroclor 1221				UG/KG	ND	17	17	ND	ND	18	83	ND	ND	83	18	ND	ND	18	18
Aroclor 1232				UG/KG	ND	17	17	ND	ND	18	83	ND	ND	83	18	ND	ND	18	18
Aroclor 1242				UG/KG	ND	17	17	ND	ND	18	83	ND	ND	83	18	ND	ND	18	18
Aroclor 1248				UG/KG	ND	17	17	ND	ND	18	83	ND	ND	83	18	ND	ND	18	18
Aroclor 1254				UG/KG	ND	17	17	ND	ND	18	83	ND	ND	83	18	ND	ND	18	18
Aroclor 1260				UG/KG	ND	17	17	ND	51	18	83	ND	270	83	18	ND	26	18	18
SURROGATE(S)																			
Tetrachloro-m-xylene				%	96	32-148	32-148	90	90	32-148	32-148	122	122	32-148	32-148	91	91	32-148	32-148
Decachlorobiphenyl				%	114	36-153	36-153	112	112	36-153	36-153	128	128	36-153	36-153	101	101	36-153	36-153

Client ID	Job No	Sample Date	Lab ID	Units	RSS-SS05-CC-O A02-8323 08/19/2002	A2832305RE	Reporting Limit	Sample Value	RSS-SS06-CC-O A02-8323 08/19/2002	A2832306RE	Reporting Limit	Sample Value	RSS-SS07-CC-O A02-8323 08/19/2002	A2832307RE	Reporting Limit	Sample Value	RSS-SS08-CC-O A02-8323 08/19/2002	A2832308RE	Reporting Limit
Aroclor 1016				UG/KG	ND	98000	98000	ND	ND	910	910	ND	ND	17	17	ND	ND	18	18
Aroclor 1221				UG/KG	ND	98000	98000	ND	ND	910	910	ND	ND	17	17	ND	ND	18	18
Aroclor 1232				UG/KG	ND	98000	98000	ND	ND	910	910	ND	ND	17	17	ND	ND	18	18
Aroclor 1242				UG/KG	1000000	98000	98000	ND	ND	910	910	ND	93	17	17	ND	ND	18	18
Aroclor 1248				UG/KG	ND	98000	98000	3000	3000	910	910	ND	ND	17	17	54	54	18	18
Aroclor 1254				UG/KG	ND	98000	98000	ND	ND	910	910	ND	ND	17	17	ND	ND	18	18
Aroclor 1260				UG/KG	100000	98000	98000	1100	1100	910	910	ND	18	17	17	37	37	18	18
SURROGATE(S)																			
Tetrachloro-m-xylene				%	0 D	32-148	32-148	0 D	0 D	32-148	32-148	83	83	32-148	32-148	79	79	32-148	32-148
Decachlorobiphenyl				%	0 D	36-153	36-153	0 D	0 D	36-153	36-153	101	101	36-153	36-153	116	116	36-153	36-153

800008

Client ID	Lab ID	RSS-SS01-CC-0 A02-8323 08/19/2002	A2832301	RSS-SS02-CC-0 A02-8323 08/19/2002	A2832302	RSS-SS03-CC-0 A02-8323 08/19/2002	A2832303	RSS-SS04-CC-0 A02-8323 08/19/2002	A2832304
Job No		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Sample Date		11.6	0	11.3	0	12.1	0	10.0	0
Analyte	Units								
Leachable pH	S.U.								

Client ID	Lab ID	RSS-SS05-CC-0 A02-8323 08/19/2002	A2832305	RSS-SS06-CC-0 A02-8323 08/19/2002	A2832306	RSS-SS07-CC-0 A02-8323 08/19/2002	A2832307	RSS-SS08-CC-0 A02-8323 08/19/2002	A2832308
Job No		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Sample Date		10.8	0	8.90	0	8.60	0	11.8	0
Analyte	Units								
Leachable pH	S.U.								

000010

Chronology and QC
Summary Package

Date: 11/28/2011
 Time: 09:36
 TVGA - Engineering
 Roblin Steel Site S1/RAR - Concrete
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S
 Supervising, P.C.
 AN0326

Client ID Job No Sample Date	Lab ID	Method Blank A02-8323		A2B0811502		Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Analyte	Units	Sample Value	Reporting Limit				
Aroclor 1016			UG/KG	ND	16		NA		NA
Aroclor 1221			UG/KG	ND	16		NA		NA
Aroclor 1232			UG/KG	ND	16		NA		NA
Aroclor 1242			UG/KG	ND	16		NA		NA
Aroclor 1248			UG/KG	ND	16		NA		NA
Aroclor 1254			UG/KG	ND	16		NA		NA
Aroclor 1260			UG/KG	ND	16		NA		NA
SURROGATE(S)									
Tetrachloro-m-xylene		%		74	32-148		NA		NA
Decachlorobiphenyl		%		119	36-153		NA		NA

000011

Date: 11/25/2002
Time: 09:36:26

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Concrete
TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A02-8323 A280811501		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Units	Sample Value						
Aroclor 1016		UG/KG	ND	17	NA		NA		NA
Aroclor 1221		UG/KG	ND	17	NA		NA		NA
Aroclor 1232		UG/KG	ND	17	NA		NA		NA
Aroclor 1242		UG/KG	ND	17	NA		NA		NA
Aroclor 1248		UG/KG	ND	17	NA		NA		NA
Aroclor 1254		UG/KG	150	17	NA		NA		NA
Aroclor 1260		UG/KG	ND	17	NA		NA		NA
SURROGATE(S)									
Tetrachloro-m-xylene		%	58	32-148	NA		NA		NA
Decachlorobiphenyl		%	112	36-153	NA		NA		NA

000012

Date: 11/25/11
Time: 09:37:30

TVGA - Engineering
Roblin Steel Site SI/RAR - Concrete
WET CHEMISTRY ANALYSIS

AN0326

R

Client ID Job No Sample Date	Lab ID	LCS A02-8323		A2B0808501					
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH		S.U.	7.01	0	NA	NA	NA	NA	NA

000013

Date : 11/25/2002 09:36:41
Job No: A02-8323

T V G A ENGINEERING & SURVEYING, P. C.
TVGA - ROBLIN STEEL SITE

Rept: AN0364

Client Sample ID: Method Blank
Lab Sample ID: A2B0811502

Matrix Spike Blank
A2B0811501

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
TVGA - METHOD 8082 - POLYCHLORINATED BIP Aroclor 1254	UG/KG	153	166	92	52-153

000014

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	RSS-SS01-CC-O A02-8323 A2832301RE	RSS-SS02-CC-O A02-8323 A2832302RE	RSS-SS03-CC-O A02-8323 A2832303RE	RSS-SS04-CC-O A02-8323 A2832304RE	RSS-SS05-CC-O A02-8323 A2832305RE
Sample Date	08/19/2002 12:45	08/19/2002 13:30	08/19/2002 14:10	08/19/2002 14:40	08/19/2002 15:50
Received Date	08/19/2002 20:00	08/19/2002 20:00	08/19/2002 20:00	08/19/2002 20:00	08/19/2002 20:00
Extraction Date	08/22/2002 14:00	08/22/2002 14:00	08/22/2002 14:00	08/22/2002 14:00	08/22/2002 14:00
Analysis Date	08/23/2002 16:21	08/23/2002 16:45	08/23/2002 17:09	08/23/2002 17:32	08/26/2002 12:43
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	5.0	1.0	5000.0
Sample wt/vol	30.52	28.75	30.71	30.09	30.27
% Dry	95.13	97.43	97.65	93.87	83.97
	LOW	LOW	LOW	LOW	LOW
	GRAMS	GRAMS	GRAMS	GRAMS	GRAMS

000015

TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	Method Blank A02-8323 A260811502			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	08/22/2002 14:00 08/23/2002 10:27 - - SOIL LOW 1.0 30.58 GRAMS 100.00			

000016

TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	RSS-SS06-CC-O A02-8323 A2832306RE	RSS-SS07-CC-O A02-8323 A2832307RE	RSS-SS08-CC-O A02-8323 A2832308RE
Sample Date	08/19/2002 16:20	08/19/2002 16:45	08/19/2002 17:10
Received Date	08/19/2002 20:00	08/19/2002 20:00	08/19/2002 20:00
Extraction Date	08/22/2002 14:00	08/22/2002 14:00	08/22/2002 14:00
Analysis Date	08/23/2002 18:19	08/23/2002 18:43	08/23/2002 19:07
Extraction HT Met?	YES	YES	YES
Analytical HT Met?	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	50.0	1.0	1.0
Sample wt/vol	30.58 GRAMS	30.65 GRAMS	30.41 GRAMS
% Dry	89.50	95.84	92.20

000017

TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A02-8323 A280811501			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	08/22/2002 14:00 08/23/2002 10:03 - SOIL 1.0 30.05 100.00	LOW GRAMS		

000018

Date: 11/22/02 09:37:53
 Jobno: A02-8343

T V G A ENGINEERS
 SURVEYING, P. C.
 SAMPLE CHRONOLOGY

-pt: AN0369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A2832301	RSS-SS01-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 12:45	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832302	RSS-SS02-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 13:30	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832303	RSS-SS03-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 14:10	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832304	RSS-SS04-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 14:40	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832305	RSS-SS05-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 15:50	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832306	RSS-SS06-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 16:20	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832307	RSS-SS07-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 16:45	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL
A2832308	RSS-SS08-CC-0	S.U.	Leachable pH	9045	1.00	08/19/2002 17:10	08/19 20:00	NA	NA	08/21 19:50	Yes SOIL

000019

AHT = Analysis Holding Time Met
 THT = TCLP Holding Time Met
 NA = Not Applicable

STL Buffalo

Date: 11/25/2002 09:37:53
Jobno: A02-8323

T V G A ENGINEERING & SURVEYING, P. C.
QC CHRONOLOGY

Rept: AN0369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A2B0808501	LCS	S.U.	Leachable pH	9045	1.00	-	- 20:00	NA	NA	08/21 19:50	Yes SOIL

000020

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

STL Buffalo

Chain of Custody

ANALYTICAL REPORT

Job#: A02-9918,A02-A018,A02-A033,A02-A152

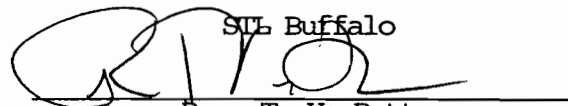
STL Project#: NY2A8931

SDG#: 9918

Site Name: TVGA - ROBLIN STEEL SITE

Tasks: Roblin Steel Site SI/RAR - Groundwater
Roblin Steel Site SI/RAR - Surface Water

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo

Ryan T. VanDette
Project Manager

11/08/2002

This report contains 104 pages which are individually numbered.

Severn Trent Laboratories, Inc.

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METHODS SUMMARY

Job#: A02-9918,A02-A018,A02-A033,A02-A152STL Project#: NY2A8931SDG#: 9918Site Name: TVGA - ROBLIN STEEL SITE

PARAMETER	ANALYTICAL METHOD	
TVGA - ASP 95 - VOLATILES - W	ASP95	95-1
TVGA - ASP 95 - SEMIVOLATILES - W	ASP95	95-2
TVGA - ASP 95 - PESTICIDES/AROCLORS - W	ASP95	95-3
Aluminum - Soluble	ASP95	CLP-M
Aluminum - Total	ASP95	CLP-M
Antimony - Soluble	ASP95	CLP-M
Antimony - Total	ASP95	CLP-M
Arsenic - Soluble	ASP95	CLP-M
Arsenic - Total	ASP95	CLP-M
Barium - Soluble	ASP95	CLP-M
Barium - Total	ASP95	CLP-M
Beryllium - Soluble	ASP95	CLP-M
Beryllium - Total	ASP95	CLP-M
Cadmium - Soluble	ASP95	CLP-M
Cadmium - Total	ASP95	CLP-M
Calcium - Soluble	ASP95	CLP-M
Calcium - Total	ASP95	CLP-M
Chromium - Soluble	ASP95	CLP-M
Chromium - Total	ASP95	CLP-M
Cobalt - Soluble	ASP95	CLP-M
Cobalt - Total	ASP95	CLP-M
Copper - Soluble	ASP95	CLP-M
Copper - Total	ASP95	CLP-M
Iron - Soluble	ASP95	CLP-M
Iron - Total	ASP95	CLP-M
Lead - Soluble	ASP95	CLP-M
Lead - Total	ASP95	CLP-M
Magnesium - Soluble	ASP95	CLP-M
Magnesium - Total	ASP95	CLP-M
Manganese - Soluble	ASP95	CLP-M
Manganese - Total	ASP95	CLP-M
Mercury - Soluble	ASP95	CLP-M
Mercury - Total	ASP95	CLP-M
Nickel - Soluble	ASP95	CLP-M
Nickel - Total	ASP95	CLP-M
Potassium - Soluble	ASP95	CLP-M
Potassium - Total	ASP95	CLP-M
Selenium - Soluble	ASP95	CLP-M
Selenium - Total	ASP95	CLP-M
Silver - Soluble	ASP95	CLP-M
Silver - Total	ASP95	CLP-M

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Sodium - Soluble	ASP95 CLP-M
Sodium - Total	ASP95 CLP-M
Thallium - Soluble	ASP95 CLP-M
Thallium - Total	ASP95 CLP-M
Vanadium - Soluble	ASP95 CLP-M
Vanadium - Total	ASP95 CLP-M
Zinc - Soluble	ASP95 CLP-M
Zinc - Total	ASP95 CLP-M
Cyanide - Total	ASP95 CLP-WC

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
September 1995

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED		RECEIVED	
		DATE	TIME	DATE	TIME
A2A01801	EX-MW09-IF-GW-O	10/08/2002	14:00	10/08/2002	21:00
A2A15201	EX-MW09-IF-GW-O	10/11/2002	11:35	10/11/2002	18:45
A2A01802	EX-MW10-IF-GW-O	10/08/2002	14:35	10/08/2002	21:00
A2A15202	EX-MW10-IF-GW-O	10/11/2002	12:00	10/11/2002	18:45
A2A01803	EX-MW11-IF-GW-O	10/08/2002	15:00	10/08/2002	21:00
A2A15203	EX-MW11-IF-GW-O	10/11/2002	12:25	10/11/2002	18:45
A2A15204	EX-MW12-IF-GW-O	10/11/2002	12:55	10/11/2002	18:45
A2A03308	EXISTING-MW12-IF-GW0	10/09/2002	11:00	10/09/2002	19:00
A2991801	RSS-HC01-SW-O	10/07/2002	09:25	10/07/2002	16:45
A2991802	RSS-HC02-SW-O	10/07/2002	09:45	10/07/2002	16:45
A2A03301	RSS-MW01-IF-GW-O	10/09/2002	12:25	10/09/2002	19:00
A2A15205	RSS-MW01-IF-GW-O	10/11/2002	14:50	10/11/2002	18:45
A2A03302	RSS-MW02-IF-GW-O	10/09/2002	14:45	10/09/2002	19:00
A2A15206	RSS-MW02-IF-GW-O	10/11/2002	15:35	10/11/2002	18:45
A2A03303	RSS-MW03-RK-GW-O	10/09/2002	14:05	10/09/2002	19:00
A2A15207	RSS-MW03-RK-GW-O	10/11/2002	15:15	10/11/2002	18:45
A2A03304	RSS-MW04-IF-GW-O	10/09/2002	11:50	10/09/2002	19:00
A2A15208	RSS-MW04-IF-GW-O	10/11/2002	14:30	10/11/2002	18:45
A2A03305	RSS-MW05-RK-GW-O	10/09/2002	15:40	10/09/2002	19:00
A2A15209	RSS-MW05-RK-GW-O	10/11/2002	16:10	10/11/2002	18:45
A2A15210MS	RSS-MW06-IF-GW-MS	10/11/2002	09:20	10/11/2002	18:45
A2A15210SD	RSS-MW06-IF-GW-MSD	10/11/2002	09:20	10/11/2002	18:45
A2A01804	RSS-MW06-IF-GW-O	10/08/2002	11:05	10/08/2002	21:00
A2A01804MD	RSS-MW06-IF-GW-O	10/08/2002	11:05	10/08/2002	21:00
A2A01804MS	RSS-MW06-IF-GW-O	10/08/2002	11:05	10/08/2002	21:00
A2A15210	RSS-MW06-IF-GW-O	10/11/2002	08:40	10/11/2002	18:45
A2A03306	RSS-MW07-IF-GW-O	10/09/2002	11:30	10/09/2002	19:00
A2A15211	RSS-MW07-IF-GW-O	10/11/2002	14:10	10/11/2002	18:45
A2A03307	RSS-MW08-IF-GW-O	10/09/2002	15:10	10/09/2002	19:00
A2A15212	RSS-MW08-IF-GW-O	10/11/2002	15:55	10/11/2002	18:45
A2A01805	RSS-MW09-IF-GW-O	10/08/2002	12:50	10/08/2002	21:00
A2A15213	RSS-MW09-IF-GW-O	10/11/2002	11:10	10/11/2002	18:45
A2A01806	RSS-MW11-IF-GW-O	10/08/2002	12:15	10/08/2002	21:00
A2A15214	RSS-MW11-IF-GW-O	10/11/2002	10:50	10/11/2002	18:45
A2A01807	RSS-MW12-IF-GW-O	10/08/2002	10:10	10/08/2002	21:00
A2A15215	RSS-MW12-IF-GW-O	10/11/2002	08:05	10/11/2002	18:45
A2A01808	RSS-MWXX-GW-FD	10/08/2002	15:05	10/08/2002	21:00
A2A15216	RSS-MWXX-GW-FD	10/11/2002		10/11/2002	18:45
A2A03310	RSS-MWXX-RB	10/09/2002	17:50	10/09/2002	19:00
A2A01809	RSS-TB02	10/08/2002		10/08/2002	21:00
A2991803	RSS-TRIP01-TB	10/07/2002	08:50	10/07/2002	16:45
A2A15217	RSS-TRIP04-TB	10/11/2002	15:30	10/11/2002	18:45
A2A03309	RSS-TRIP03-TB	10/09/2002		10/09/2002	19:00

NON-CONFORMANCE SUMMARY

Job#: A02-9918,A02-A018,A02-A033,A02-A152STL Project#: NY2A8931SDG#: 9918Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A02-9918

Sample Cooler(s) were received at the following temperature(s); 8 °C
All samples were received in good condition.

A02-A018

Sample Cooler(s) were received at the following temperature(s); 4@2 °C
All samples were received in good condition.

A02-A033

Sample Cooler(s) were received at the following temperature(s); 3 @ 6 °C
All samples were received in good condition.

A02-A152

Sample Cooler(s) were received at the following temperature(s); 6@6 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Acetone, Bromomethane, Chloromethane, Methylene Chloride, and Toluene were detected in Method Blank VBLK49 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

All samples were preserved to a PH less than 2.

Initial calibration standard curve A2I0001120-1 exhibited the %RSD of Bromoform as above quality control limits. ASP00 protocol allows for the %RSD of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Initial calibration standard curve A2I0001197-1 exhibited the %RSD of Carbon Tetrachloride as above quality control limits. ASP00 protocol allows for the %RSD of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standard A2C0005601-1 exhibited the %D of Bromomethane as above quality control limits. ASP00 protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

The analyte Trichloroethene was detected in Method Blank VELK62 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The request for analysis of sample RSS-MWXX-RB was received after the EPA-recommended holding time for volatiles had expired. The sample was analyzed as is per client instructions. The sample results should be considered an estimated value.

Sample RSS-MWXX-RB was preserved to a PH less than 2.

Initial calibration standard curve A2I0001197-1 exhibited the %RSD of Carbon Tetrachloride as greater than 20.5%. ASP00 protocol allows for the %RSD of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standard A2C0006191-1 exhibited the %D of Bromomethane and Vinyl Chloride as greater than 25%. ASP00 protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

The recoveries of Benzene and Toluene in the Matrix Spike (MS) and Matrix Spike Duplicate (SD) of sample RSS-MW06-IF-GW-0 exceeded QC limits. The Matrix Spike Blank (MSB) recoveries were compliant so no corrective action is required.

GC/MS Semivolatile Data

The analyte Bis(2-ethylhexyl)phthalate was detected in the Method Blank A2B1000303 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Bis(2-ethylhexyl)phthalate was detected in the Method Blanks A2B1017503 and A2B1025702 at levels below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The spike recoveries for 2,4-Dinitrotoluene, 4-Nitrophenol and Pentachlorophenol were above the method defined quality control limits in the Matrix Spike Blank A2B1017501. The spike recovery for 4-Nitrophenol was above the method defined quality control limits in the Matrix Spike Blank Duplicate A2B1017502. Since the results were biased high and the analytes were not detected in the samples, no corrective action was performed.

The spike recoveries for 2,4-Dinitrotoluene, 4-Nitrophenol and 4-Chloro-3-methylphenol were above the method defined quality control limits in the Matrix Spike Blank A2B1025701. Since the results were biased high and the analytes were not detected in the samples, no corrective action was performed.

The recoveries of spiking compounds 4-Nitrophenol and Pentachlorophenol were above laboratory control limits in the Matrix Spike Blank A2B1000301 and the Matrix Spike Blank Duplicate A2B1000302.

The analyte Di-n-octyl phthalate and Bis(2-ethylhexyl) phthalate were detected in the Method Blank A2B1125203 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The spike recovery for 2,4-Dinitrotoluene, 4-Chloro-3-methylphenol, 4-Nitrophenol and Pentachlorophenol in the Matrix Spike Blank A2B01125201 and Nitrophenol in the Matrix Spike Blank Duplicate A2B01125202 were above the method defined quality control limits. Since the results were biased high and the analyte was not detected in the samples, no corrective action was performed.

GC Extractable Data

Samples EX-MW11-IF-GW-O, RSS-MW09-IF-GW-O, RSS-MWXX-RB, and RSS-MW06-IF-GW-MSD exhibited surrogate recovery results below quality control limits for Decachlorobiphenyl. All samples exhibited compliant recovery results for Tetrachloro-m-xylene, therefore, no corrective action was necessary.

Metals Data

The LCS for Soluble Silver was above control limits. However, since target analytes were non-detect in the samples and the high recoveries would yield a high bias, no further corrective action was necessary.

The recovery of Potassium fell above the quality control limits in sample RSS-MW06-IF-GW-0 MS. The LFB (A2B1018202) was acceptable.

Wet Chemistry Data

The matrix spike on sample RSS-MW06-IF-G for Cyanide analysis was outside of the recommended QC limits, however, all other QC was compliant.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 11/08/2002
Time: 09:50:05

Dilution Log w/Code Information
For Project NY2A8931, SDG 9918

000008

Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-MW03-RK-GW-O	A2A03303	Potassium - Soluble	10.00	002
RSS-MW03-RK-GW-O	A2A03303	Sodium - Soluble	10.00	008
RSS-MW05-RK-GW-O	A2A03305	Potassium - Soluble	10.00	002
RSS-MW05-RK-GW-O	A2A03305	Sodium - Soluble	10.00	008
EXISTING-MW12-IF-GW0	A2A03308	Potassium - Soluble	10.00	002
EXISTING-MW12-IF-GW0	A2A03308	Sodium - Soluble	10.00	008
EX-MW09-IF-GW-O	A2A15201	95-1	5.00	008
EX-MW11-IF-GW-O	A2A15203	95-1	1000.00	008
EX-MW12-IF-GW-O DL	A2A15204DL	95-1	2.00	008
RSS-MW03-RK-GW-O	A2A15207	Potassium - Total	5.00	002
RSS-MW03-RK-GW-O	A2A15207	Sodium - Total	5.00	008
RSS-MW07-IF-GW-O DL	A2A15211DL	95-1	20.00	008
RSS-MW09-IF-GW-O DL	A2A15213DL	95-1	4.00	008
RSS-MWXX-GW-FD	A2A15216	95-1	1000.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

000010

Sample Data Package

Date: 11/07/2002
Time: 14:08:11

T V G A Engineering & Surveying, P. C.
TVGA - Engineering & Surveying, P.C.
Roblin Steel Site S1/RAR - Groundwater

000011

Page: 1
Rept: AN1178

Sample ID: EX-MW09-IF-GW-0
b Sample ID: A2A01801
Date Collected: 10/08/2002
Time Collected: 14:00

Date Received: 10/08/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	12:12
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	12:12
Arsenic - Soluble	12.1		4.0	UG/L	CLP-M	10/16/2002	12:12
Barium - Soluble	104	B	0.20	UG/L	CLP-M	10/16/2002	12:12
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	12:12
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	12:12
Calcium - Soluble	82700		39.4	UG/L	CLP-M	10/16/2002	12:12
Chromium - Soluble	0.65	B	0.60	UG/L	CLP-M	10/16/2002	12:12
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:12
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:12
Iron - Soluble	1600		13.9	UG/L	CLP-M	10/16/2002	12:12
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	12:12
Magnesium - Soluble	17500		10.9	UG/L	CLP-M	10/16/2002	12:12
Manganese - Soluble	451		0.10	UG/L	CLP-M	10/16/2002	12:12
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	13:50
Nickel - Soluble	6.0	B	1.0	UG/L	CLP-M	10/16/2002	12:12
Potassium - Soluble	6140	N	20.6	UG/L	CLP-M	10/16/2002	12:12
Selenium - Soluble	5.9		4.0	UG/L	CLP-M	10/16/2002	12:12
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:12
Sodium - Soluble	33100		258	UG/L	CLP-M	10/16/2002	12:12
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	12:12
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	12:12
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	12:12
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06 JMS

Date: 11/07/2002
 Time: 14:08:11

T V G A Engineering & Surveying, P. C.
 TVGA - Engineering & Surveying, P.C.
 Roblin Steel Site SI/RAR - Groundwater

000012

Page: 2
 Rept: AN1178

Sample ID: EX-MW09-IF-GW-0
 Lab Sample ID: A2A15201
 Date Collected: 10/11/2002
 Time Collected: 11:35

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
1,1,2,2-Tetrachloroethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
1,1,2-Trichloroethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
1,1-Dichloroethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
1,1-Dichloroethene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
1,2-Dichloroethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
1,2-Dichloroethene (Total)	550		50	UG/L	95-1	10/18/2002 04:59	DGP
1,2-Dichloropropane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
2-Butanone	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
2-Hexanone	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
4-Methyl-2-pentanone	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Acetone	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Benzene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Bromodichloromethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Bromoform	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Bromomethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Carbon Disulfide	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Carbon Tetrachloride	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Chlorobenzene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Chloroethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Chloroform	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Chloromethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
cis-1,3-Dichloropropene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Dibromochloromethane	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Ethylbenzene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Methylene chloride	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Styrene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Tetrachloroethene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Toluene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Total Xylenes	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
trans-1,3-Dichloropropene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Trichloroethene	ND		50	UG/L	95-1	10/18/2002 04:59	DGP
Vinyl chloride	320		50	UG/L	95-1	10/18/2002 04:59	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002 17:13	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002 17:13	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002 17:13	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002 17:13	PM

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 b Sample ID: A2A15201
 e Collected: 10/11/2002
 Time Collected: 11:35

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
2-Methylphenol	ND		10	UG/L	95-2	10/16/2002	17:13	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	17:13	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/16/2002	17:13	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/16/2002	17:13	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	17:13	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/16/2002	17:13	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	17:13	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/16/2002	17:13	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/16/2002	17:13	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	17:13	PM
4-Methylphenol	ND		10	UG/L	95-2	10/16/2002	17:13	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	17:13	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/16/2002	17:13	PM
Acenaphthene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Acenaphthylene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Anthracene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Bis(2-ethylhexyl) phthalate	1	BJ	10	UG/L	95-2	10/16/2002	17:13	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Carbazole	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Chrysene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Di-n-butyl phthalate	0.6	J	10	UG/L	95-2	10/16/2002	17:13	PM
Di-n-octyl phthalate	0.4	J	10	UG/L	95-2	10/16/2002	17:13	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Dibenzofuran	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Fluoranthene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Fluorene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Hexachloroethane	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Isophorone	ND		10	UG/L	95-2	10/16/2002	17:13	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/16/2002	17:13	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Naphthalene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Nitrobenzene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
2,4-Dinitrochlorophenol	ND		24	UG/L	95-2	10/16/2002	17:13	PM
1-Methylphenanthrene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
Phenol	ND		10	UG/L	95-2	10/16/2002	17:13	PM

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Project No: NY2A8931
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Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/16/2002	17:13	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.10	UG/L	95-3	10/16/2002		
4,4'-DDE	ND		0.10	UG/L	95-3	10/16/2002		
4,4'-DDT	ND		0.10	UG/L	95-3	10/16/2002		
Aldrin	ND		0.050	UG/L	95-3	10/16/2002		
alpha-BHC	ND		0.050	UG/L	95-3	10/16/2002		
alpha-Chlordane	ND		0.050	UG/L	95-3	10/16/2002		
Aroclor 1016	ND		1.0	UG/L	95-3	10/16/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002		
Aroclor 1232	ND		1.0	UG/L	95-3	10/16/2002		
Aroclor 1242	ND		1.0	UG/L	95-3	10/16/2002		
Aroclor 1248	ND		1.0	UG/L	95-3	10/16/2002		
Aroclor 1254	ND		1.0	UG/L	95-3	10/16/2002		
Aroclor 1260	ND		1.0	UG/L	95-3	10/16/2002		
beta-BHC	ND		0.050	UG/L	95-3	10/16/2002		
delta-BHC	ND		0.050	UG/L	95-3	10/16/2002		
Dieldrin	ND		0.10	UG/L	95-3	10/16/2002		
Endosulfan I	ND		0.050	UG/L	95-3	10/16/2002		
Endosulfan II	ND		0.10	UG/L	95-3	10/16/2002		
Endosulfan Sulfate	ND		0.10	UG/L	95-3	10/16/2002		
Endrin	ND		0.10	UG/L	95-3	10/16/2002		
Endrin aldehyde	ND		0.10	UG/L	95-3	10/16/2002		
Endrin ketone	ND		0.10	UG/L	95-3	10/16/2002		
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	10/16/2002		
gamma-Chlordane	ND		0.050	UG/L	95-3	10/16/2002		
Heptachlor	ND		0.050	UG/L	95-3	10/16/2002		
Heptachlor epoxide	ND		0.050	UG/L	95-3	10/16/2002		
Methoxychlor	ND		0.50	UG/L	95-3	10/16/2002		
Toxaphene	ND		5.0	UG/L	95-3	10/16/2002		

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Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	12:16	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	12:16	
Arsenic - Soluble	23.2		4.0	UG/L	CLP-M	10/16/2002	12:16	
Barium - Soluble	195	B	0.20	UG/L	CLP-M	10/16/2002	12:16	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	12:16	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	12:16	
Calcium - Soluble	116000		39.4	UG/L	CLP-M	10/16/2002	12:16	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:16	
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:16	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:16	
Iron - Soluble	1080		13.9	UG/L	CLP-M	10/16/2002	12:16	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	12:16	
Magnesium - Soluble	32400		10.9	UG/L	CLP-M	10/16/2002	12:16	
Manganese - Soluble	209		0.10	UG/L	CLP-M	10/16/2002	12:16	
Mercury - Soluble	0.035	B	0.035	UG/L	CLP-M	10/16/2002	13:51	
Nickel - Soluble	4.5	B	1.0	UG/L	CLP-M	10/16/2002	12:16	
Potassium - Soluble	5030	N	20.6	UG/L	CLP-M	10/16/2002	12:16	
Selenium - Soluble	17.6		4.0	UG/L	CLP-M	10/16/2002	12:16	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:16	
Sodium - Soluble	43400		258	UG/L	CLP-M	10/16/2002	12:16	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	12:16	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	12:16	
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	12:16	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

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 Client No: 511679
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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
2-Butanone	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
2-Hexanone	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Acetone	2	J	10	UG/L	95-1	10/17/2002	22:38	DGP
Benzene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Bromoform	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Bromomethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Chloroethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Chloroform	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Chloromethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Methylene chloride	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Styrene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Toluene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Total Xylenes	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
Trichloroethene	1	BJ	10	UG/L	95-1	10/17/2002	22:38	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/17/2002	22:38	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002	17:48	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002	17:48	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	10/16/2002	17:48	PM
2-Chlorophenol	ND		9	UG/L	95-2	10/16/2002	17:48	PM

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 Sample ID: A2A15202
 Date Collected: 10/11/2002
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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
2-Methylphenol	ND		9	UG/L	95-2	10/16/2002 17:48	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/16/2002 17:48	PM
2-Nitrophenol	ND		9	UG/L	95-2	10/16/2002 17:48	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	10/16/2002 17:48	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/16/2002 17:48	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/16/2002 17:48	PM
4-Bromophenyl phenyl ether	ND		9	UG/L	95-2	10/16/2002 17:48	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	10/16/2002 17:48	PM
4-Chloroaniline	ND		9	UG/L	95-2	10/16/2002 17:48	PM
4-Chlorophenyl phenyl ether	ND		9	UG/L	95-2	10/16/2002 17:48	PM
4-Methylphenol	ND		9	UG/L	95-2	10/16/2002 17:48	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/16/2002 17:48	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/16/2002 17:48	PM
Acenaphthene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Acenaphthylene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Anthracene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Benzo(ghi)perylene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Bis(2-chloroethoxy) methane	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Bis(2-chloroethyl) ether	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Bis(2-ethylhexyl) phthalate	1	BJ	9	UG/L	95-2	10/16/2002 17:48	PM
Butyl benzyl phthalate	0.2	J	9	UG/L	95-2	10/16/2002 17:48	PM
Carbazole	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Chrysene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Di-n-butyl phthalate	0.8	J	9	UG/L	95-2	10/16/2002 17:48	PM
Di-n-octyl phthalate	0.3	J	9	UG/L	95-2	10/16/2002 17:48	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Dibenzofuran	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Diethyl phthalate	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Dimethyl phthalate	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Fluoranthene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Fluorene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Hexachlorobenzene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Hexachloroethane	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Isophorone	ND		9	UG/L	95-2	10/16/2002 17:48	PM
N-Nitroso-Di-n-propylamine	ND		9	UG/L	95-2	10/16/2002 17:48	PM
N-nitrosodiphenylamine	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Naphthalene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Nitrobenzene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
2,4,6-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002 17:48	PM
Phenanthrene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
Phenol	ND		9	UG/L	95-2	10/16/2002 17:48	PM

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Sample ID: EX-MW10-1F-GW-0
Lab Sample ID: A2A15202
Date Collected: 10/11/2002
Time Collected: 12:00

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		9	UG/L	95-2	10/16/2002 17:48	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.098	UG/L	95-3	10/16/2002	
Aldrin	ND		0.049	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		0.98	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.098	UG/L	95-3	10/16/2002	
Endrin	ND		0.098	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.098	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.098	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002	
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002	

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Sample ID: EX-MW11-IF-GW-0
Sample ID: A2A01803
Date Collected: 10/08/2002
Time Collected: 15:00

Date Received: 10/08/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	12:20	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	12:20	
Arsenic - Soluble	16.0		4.0	UG/L	CLP-M	10/16/2002	12:20	
Barium - Soluble	331		0.20	UG/L	CLP-M	10/16/2002	12:20	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	12:20	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	12:20	
Calcium - Soluble	124000		39.4	UG/L	CLP-M	10/16/2002	12:20	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:20	
Cobalt - Soluble	4.0	B	0.50	UG/L	CLP-M	10/16/2002	12:20	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:20	
Iron - Soluble	87.4	B	13.9	UG/L	CLP-M	10/16/2002	12:20	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	12:20	
Magnesium - Soluble	42400		10.9	UG/L	CLP-M	10/16/2002	12:20	
Manganese - Soluble	701		0.10	UG/L	CLP-M	10/16/2002	12:20	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	13:53	
Nickel - Soluble	25.4	B	1.0	UG/L	CLP-M	10/16/2002	12:20	
Potassium - Soluble	4750	BN	20.6	UG/L	CLP-M	10/16/2002	12:20	
Selenium - Soluble	10.8		4.0	UG/L	CLP-M	10/16/2002	12:20	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:20	
Sodium - Soluble	77200		258	UG/L	CLP-M	10/16/2002	12:20	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	12:20	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	12:20	
Zinc - Soluble	5.0	B	4.1	UG/L	CLP-M	10/16/2002	12:20	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

Sample ID: EX-MW11-1F-GW-0

Date Received: 10/11/2002

Lab Sample ID: A2A15203

Project No: NY2A8931

Date Collected: 10/11/2002

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Time Collected: 12:25

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Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,1,2,2-Tetrachloroethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,1,2-Trichloroethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,1-Dichloroethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,1-Dichloroethene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,2-Dichloroethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,2-Dichloroethene (Total)	41000		10000	UG/L	95-1	10/18/2002	03:02	DGP
1,2-Dichloropropane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
2-Butanone	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
2-Hexanone	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
4-Methyl-2-pentanone	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Acetone	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Benzene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Bromodichloromethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Bromoform	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Bromomethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Carbon Disulfide	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Carbon Tetrachloride	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Chlorobenzene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Chloroethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Chloroform	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Chloromethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
cis-1,3-Dichloropropene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Dibromochloromethane	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Ethylbenzene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Methylene chloride	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Styrene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Tetrachloroethene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Toluene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Total Xylenes	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
trans-1,3-Dichloropropene	ND		10000	UG/L	95-1	10/18/2002	03:02	DGP
Trichloroethene	150000	B	10000	UG/L	95-1	10/18/2002	03:02	DGP
Vinyl chloride	9800	J	10000	UG/L	95-1	10/18/2002	03:02	DGP

TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW

1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002	18:23	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002	18:23	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002	18:23	PM

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Sample ID: EX-MW11-1F-GW-0
 b Sample ID: A2A15203
 e Collected: 10/11/2002
 Time Collected: 12:25

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW									
2-Methylnaphthalene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
2-Methylphenol	ND		10		UG/L	95-2	10/16/2002	18:23	PM
2-Nitroaniline	ND		24		UG/L	95-2	10/16/2002	18:23	PM
2-Nitrophenol	ND		10		UG/L	95-2	10/16/2002	18:23	PM
3,3'-Dichlorobenzidine	ND		10		UG/L	95-2	10/16/2002	18:23	PM
3-Nitroaniline	ND		24		UG/L	95-2	10/16/2002	18:23	PM
4,6-Dinitro-2-methylphenol	ND		24		UG/L	95-2	10/16/2002	18:23	PM
4-Bromophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002	18:23	PM
4-Chloro-3-methylphenol	ND		10		UG/L	95-2	10/16/2002	18:23	PM
4-Chloroaniline	ND		10		UG/L	95-2	10/16/2002	18:23	PM
4-Chlorophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002	18:23	PM
4-Methylphenol	ND		10		UG/L	95-2	10/16/2002	18:23	PM
4-Nitroaniline	ND		24		UG/L	95-2	10/16/2002	18:23	PM
4-Nitrophenol	ND		24		UG/L	95-2	10/16/2002	18:23	PM
Acenaphthene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Acenaphthylene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Anthracene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Benzo(a)anthracene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Benzo(a)pyrene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Benzo(b)fluoranthene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
benzo(ghi)perylene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Benzo(k)fluoranthene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Bis(2-chloroethoxy) methane	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Bis(2-chloroethyl) ether	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Bis(2-ethylhexyl) phthalate	1	BJ	10		UG/L	95-2	10/16/2002	18:23	PM
Butyl benzyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Carbazole	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Chrysene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Di-n-butyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Di-n-octyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Dibenzo(a,h)anthracene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Dibenzofuran	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Diethyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Dimethyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Fluoranthene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Fluorene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Hexachlorobenzene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Hexachlorobutadiene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Hexachlorocyclopentadiene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Hexachloroethane	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Indeno(1,2,3-cd)pyrene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Isophorone	ND		10		UG/L	95-2	10/16/2002	18:23	PM
N-Nitroso-Di-n-propylamine	ND		10		UG/L	95-2	10/16/2002	18:23	PM
N-nitrosodiphenylamine	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Naphthalene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Nitrobenzene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
2,4-dinitrochlorophenol	ND		24		UG/L	95-2	10/16/2002	18:23	PM
1-methylanthrene	ND		10		UG/L	95-2	10/16/2002	18:23	PM
Phenol	ND		10		UG/L	95-2	10/16/2002	18:23	PM

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Sample ID: EX-MW11-IF-GW-0
Lab Sample ID: A2A15203
Date Collected: 10/11/2002
Time Collected: 12:25

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/16/2002	18:23	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.098	UG/L	95-3	10/16/2002		
4,4'-DDE	ND		0.098	UG/L	95-3	10/16/2002		
4,4'-DDT	ND		0.098	UG/L	95-3	10/16/2002		
Aldrin	ND		0.049	UG/L	95-3	10/16/2002		
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002		
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002		
Aroclor 1016	ND		0.98	UG/L	95-3	10/16/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002		
Aroclor 1232	ND		0.98	UG/L	95-3	10/16/2002		
Aroclor 1242	ND		0.98	UG/L	95-3	10/16/2002		
Aroclor 1248	ND		0.98	UG/L	95-3	10/16/2002		
Aroclor 1254	ND		0.98	UG/L	95-3	10/16/2002		
Aroclor 1260	ND		0.98	UG/L	95-3	10/16/2002		
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002		
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002		
Dieldrin	ND		0.098	UG/L	95-3	10/16/2002		
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002		
Endosulfan II	ND		0.098	UG/L	95-3	10/16/2002		
Endosulfan Sulfate	ND		0.098	UG/L	95-3	10/16/2002		
Endrin	ND		0.098	UG/L	95-3	10/16/2002		
Endrin aldehyde	ND		0.098	UG/L	95-3	10/16/2002		
Endrin ketone	ND		0.098	UG/L	95-3	10/16/2002		
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002		
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002		
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002		
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002		
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002		
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002		

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 Time: 14:08:11

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Sample ID: EX-MW12-IF-GW-0
 Lab Sample ID: A2A15204
 Date Collected: 10/11/2002
 Time Collected: 12:55

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
1,2-Dichloroethane (Total)	200	E	10	UG/L	95-1	10/17/2002	23:07	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
2-Butanone	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
2-Hexanone	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Acetone	3	J	10	UG/L	95-1	10/17/2002	23:07	DGP
Benzene	1	J	10	UG/L	95-1	10/17/2002	23:07	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Bromoform	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Bromomethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Chloroethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Chloroform	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Chloromethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Ethylbenzene	1	J	10	UG/L	95-1	10/17/2002	23:07	DGP
Methylene chloride	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Styrene	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Toluene	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Total Xylenes	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002	23:07	DGP
Trichloroethene	3	BJ	10	UG/L	95-1	10/17/2002	23:07	DGP
Vinyl chloride	200		10	UG/L	95-1	10/17/2002	23:07	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002	18:58	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002	18:58	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
1-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002	18:58	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002	18:58	PM

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Sample ID: EX-MW12-IF-GW-0
 Lab Sample ID: A2A15204
 Date Collected: 10/11/2002
 Time Collected: 12:55

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW									
2-Methylnaphthalene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
2-Methylphenol	ND		10		UG/L	95-2	10/16/2002	18:58	PM
2-Nitroaniline	ND		24		UG/L	95-2	10/16/2002	18:58	PM
2-Nitrophenol	ND		10		UG/L	95-2	10/16/2002	18:58	PM
3,3'-Dichlorobenzidine	ND		10		UG/L	95-2	10/16/2002	18:58	PM
3-Nitroaniline	ND		24		UG/L	95-2	10/16/2002	18:58	PM
4,6-Dinitro-2-methylphenol	ND		24		UG/L	95-2	10/16/2002	18:58	PM
4-Bromophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002	18:58	PM
4-Chloro-3-methylphenol	ND		10		UG/L	95-2	10/16/2002	18:58	PM
4-Chloroaniline	ND		10		UG/L	95-2	10/16/2002	18:58	PM
4-Chlorophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002	18:58	PM
4-Methylphenol	ND		10		UG/L	95-2	10/16/2002	18:58	PM
4-Nitroaniline	ND		24		UG/L	95-2	10/16/2002	18:58	PM
4-Nitrophenol	ND		24		UG/L	95-2	10/16/2002	18:58	PM
Acenaphthene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Acenaphthylene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Anthracene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Benzo(a)anthracene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Benzo(a)pyrene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Benzo(b)fluoranthene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Benzo(ghi)perylene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Benzo(k)fluoranthene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Bis(2-chloroethoxy) methane	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Bis(2-chloroethyl) ether	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Bis(2-ethylhexyl) phthalate	0.8	BJ	10		UG/L	95-2	10/16/2002	18:58	PM
Butyl benzyl phthalate	0.2	J	10		UG/L	95-2	10/16/2002	18:58	PM
Carbazole	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Chrysene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Di-n-butyl phthalate	0.9	J	10		UG/L	95-2	10/16/2002	18:58	PM
Di-n-octyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Dibenzo(a,h)anthracene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Dibenzofuran	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Diethyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Dimethyl phthalate	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Fluoranthene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Fluorene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Hexachlorobenzene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Hexachlorobutadiene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Hexachlorocyclopentadiene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Hexachloroethane	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Indeno(1,2,3-cd)pyrene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Isophorone	ND		10		UG/L	95-2	10/16/2002	18:58	PM
N-Nitroso-Di-n-propylamine	ND		10		UG/L	95-2	10/16/2002	18:58	PM
N-nitrosodiphenylamine	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Naphthalene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Nitrobenzene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Pentachlorophenol	ND		24		UG/L	95-2	10/16/2002	18:58	PM
Phenanthrene	ND		10		UG/L	95-2	10/16/2002	18:58	PM
Phenol	ND		10		UG/L	95-2	10/16/2002	18:58	PM

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Sample ID: EX-MW12-IF-GW-0
b Sample ID: A2A15204
Date Collected: 10/11/2002
Time Collected: 12:55

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/16/2002 18:58	PM	
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.097	UG/L	95-3	10/16/2002		
4,4'-DDE	ND		0.097	UG/L	95-3	10/16/2002		
4,4'-DDT	ND		0.097	UG/L	95-3	10/16/2002		
Aldrin	ND		0.049	UG/L	95-3	10/16/2002		
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002		
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002		
Aroclor 1016	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1221	ND		1.9	UG/L	95-3	10/16/2002		
Aroclor 1232	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1242	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1248	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1254	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1260	ND		0.97	UG/L	95-3	10/16/2002		
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002		
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002		
Dieldrin	ND		0.097	UG/L	95-3	10/16/2002		
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002		
Endosulfan II	ND		0.097	UG/L	95-3	10/16/2002		
Endosulfan Sulfate	ND		0.097	UG/L	95-3	10/16/2002		
Endrin	ND		0.097	UG/L	95-3	10/16/2002		
Endrin aldehyde	ND		0.097	UG/L	95-3	10/16/2002		
Endrin ketone	ND		0.097	UG/L	95-3	10/16/2002		
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002		
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002		
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002		
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002		
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002		
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002		

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Sample ID: EX-MW12-IF-GW-0 DL
Lab Sample ID: A2A15204DL
Date Collected: 10/11/2002
Time Collected: 12:55

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
1,1,2,2-Tetrachloroethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
1,1,2-Trichloroethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
1,1-Dichloroethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
1,1-Dichloroethene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
1,2-Dichloroethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
1,2-Dichloroethene (Total)	150	D	20	UG/L	95-1	10/18/2002	19:22	DGP
1,2-Dichloropropane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
2-Butanone	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
2-Hexanone	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
4-Methyl-2-pentanone	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Acetone	4	DJ	20	UG/L	95-1	10/18/2002	19:22	DGP
Benzene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Bromodichloromethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Bromoform	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Bromomethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Carbon Disulfide	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Carbon Tetrachloride	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Chlorobenzene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Chloroethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Chloroform	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Chloromethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
cis-1,3-Dichloropropene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Dibromochloromethane	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Ethylbenzene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Methylene chloride	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Styrene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Tetrachloroethene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Toluene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Total Xylenes	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
trans-1,3-Dichloropropene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Trichloroethene	ND		20	UG/L	95-1	10/18/2002	19:22	DGP
Vinyl chloride	120	D	20	UG/L	95-1	10/18/2002	19:22	DGP

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Sample ID: EXISTING-MW12-IF-GW0
 Sample ID: A2A03308
 Date Collected: 10/09/2002
 Time Collected: 11:00

Date Received: 10/09/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Metals Analysis									
Aluminum - Soluble	ND		32.5		UG/L	CLP-M	10/16/2002	15:20	
Antimony - Soluble	ND		5.4		UG/L	CLP-M	10/16/2002	15:20	
Arsenic - Soluble	14.3		4.0		UG/L	CLP-M	10/16/2002	15:20	
Barium - Soluble	350		0.20		UG/L	CLP-M	10/16/2002	15:20	
Beryllium - Soluble	ND		0.20		UG/L	CLP-M	10/16/2002	15:20	
Cadmium - Soluble	ND		0.30		UG/L	CLP-M	10/16/2002	15:20	
Calcium - Soluble	81900		39.4		UG/L	CLP-M	10/16/2002	15:20	
Chromium - Soluble	ND		0.60		UG/L	CLP-M	10/16/2002	15:20	
Cobalt - Soluble	ND		0.50		UG/L	CLP-M	10/16/2002	15:20	
Copper - Soluble	ND		0.60		UG/L	CLP-M	10/16/2002	15:20	
Iron - Soluble	175		13.9		UG/L	CLP-M	10/16/2002	15:20	
Lead - Soluble	ND		2.3		UG/L	CLP-M	10/16/2002	15:20	
Magnesium - Soluble	29100		10.9		UG/L	CLP-M	10/16/2002	15:20	
Manganese - Soluble	284		0.10		UG/L	CLP-M	10/16/2002	15:20	
Mercury - Soluble	ND		0.035		UG/L	CLP-M	10/16/2002	14:23	
Nickel - Soluble	17.9	B	1.0		UG/L	CLP-M	10/16/2002	15:20	
Potassium - Soluble	7490	B	295		UG/L	CLP-M	10/22/2002	21:22	
Selenium - Soluble	11.8		4.0		UG/L	CLP-M	10/16/2002	15:20	
Silver - Soluble	ND		0.50		UG/L	CLP-M	10/16/2002	15:20	
Sodium - Soluble	169000		2310		UG/L	CLP-M	10/22/2002	21:22	
Thallium - Soluble	ND		3.9		UG/L	CLP-M	10/16/2002	15:20	
Vanadium - Soluble	ND		0.70		UG/L	CLP-M	10/16/2002	15:20	
Zinc - Soluble	ND		4.1		UG/L	CLP-M	10/16/2002	15:20	
Wet Chemistry Analysis									
Cyanide - Total	ND		0.010		MG/L	CLP-WC	10/19/2002	09:05	NAP

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Sample ID: RSS-HC01-SW-0
Lab Sample ID: A2991801
Date Collected: 10/07/2002
Time Collected: 09:25

Date Received: 10/07/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
2-Butanone	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
2-Hexanone	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Acetone	3	BJ	10	UG/L	95-1	10/10/2002	14:39	DGP
Benzene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Bromoform	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Bromomethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Chloroethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Chloroform	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Chloromethane	2	BJ	10	UG/L	95-1	10/10/2002	14:39	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Methylene chloride	2	BJ	10	UG/L	95-1	10/10/2002	14:39	DGP
Styrene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Toluene	2	BJ	10	UG/L	95-1	10/10/2002	14:39	DGP
Total Xylenes	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Trichloroethene	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/10/2002	14:39	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/14/2002	12:03	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/14/2002	12:03	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM

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Sample ID: RSS-HC01-SW-0
 Sample ID: A2991801
 Date Collected: 10/07/2002
 Time Collected: 09:25

Date Received: 10/07/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2-Methylphenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/14/2002	12:03	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/14/2002	12:03	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/14/2002	12:03	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/14/2002	12:03	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/14/2002	12:03	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/14/2002	12:03	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/14/2002	12:03	PM
4-Methylphenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/14/2002	12:03	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/14/2002	12:03	PM
Acenaphthene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Acenaphthylene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Anthracene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Bis(2-ethylhexyl) phthalate	3	BJ	10	UG/L	95-2	10/14/2002	12:03	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Carbazole	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Chrysene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Di-n-butyl phthalate	0.5	J	10	UG/L	95-2	10/14/2002	12:03	PM
Di-n-octyl phthalate	0.6	J	10	UG/L	95-2	10/14/2002	12:03	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Dibenzofuran	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Fluoranthene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Fluorene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Hexachloroethane	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Isophorone	ND		10	UG/L	95-2	10/14/2002	12:03	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/14/2002	12:03	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Naphthalene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Nitrobenzene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
2,4-Dinitrochlorophenol	ND		24	UG/L	95-2	10/14/2002	12:03	PM
Benzenanthrene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
Phenol	ND		10	UG/L	95-2	10/14/2002	12:03	PM

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Sample ID: RSS-HC01-SW-0
 Lab Sample ID: A2991801
 Date Collected: 10/07/2002
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Date Received: 10/07/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/14/2002	12:03	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.10	UG/L	95-3	10/15/2002		
4,4'-DDE	ND		0.10	UG/L	95-3	10/15/2002		
4,4'-DDT	ND		0.10	UG/L	95-3	10/15/2002		
Aldrin	ND		0.050	UG/L	95-3	10/15/2002		
alpha-BHC	ND		0.050	UG/L	95-3	10/15/2002		
alpha-Chlordane	ND		0.050	UG/L	95-3	10/15/2002		
Aroclor 1016	ND		1.0	UG/L	95-3	10/15/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	10/15/2002		
Aroclor 1232	ND		1.0	UG/L	95-3	10/15/2002		
Aroclor 1242	ND		1.0	UG/L	95-3	10/15/2002		
Aroclor 1248	ND		1.0	UG/L	95-3	10/15/2002		
Aroclor 1254	ND		1.0	UG/L	95-3	10/15/2002		
Aroclor 1260	ND		1.0	UG/L	95-3	10/15/2002		
beta-BHC	ND		0.050	UG/L	95-3	10/15/2002		
delta-BHC	ND		0.050	UG/L	95-3	10/15/2002		
Dieldrin	ND		0.10	UG/L	95-3	10/15/2002		
Endosulfan I	ND		0.050	UG/L	95-3	10/15/2002		
Endosulfan II	ND		0.10	UG/L	95-3	10/15/2002		
Endosulfan Sulfate	ND		0.10	UG/L	95-3	10/15/2002		
Endrin	ND		0.10	UG/L	95-3	10/15/2002		
Endrin aldehyde	ND		0.10	UG/L	95-3	10/15/2002		
Endrin ketone	ND		0.10	UG/L	95-3	10/15/2002		
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	10/15/2002		
gamma-Chlordane	ND		0.050	UG/L	95-3	10/15/2002		
Heptachlor	ND		0.050	UG/L	95-3	10/15/2002		
Heptachlor epoxide	ND		0.050	UG/L	95-3	10/15/2002		
Methoxychlor	ND		0.50	UG/L	95-3	10/15/2002		
Toxaphene	ND		5.0	UG/L	95-3	10/15/2002		
Metals Analysis								
Aluminum - Total	ND		32.5	UG/L	CLP-M	10/15/2002	18:27	
Antimony - Total	7.4	B	5.4	UG/L	CLP-M	10/15/2002	18:27	
Arsenic - Total	4.7	B	4.0	UG/L	CLP-M	10/15/2002	18:27	
Barium - Total	131	B	0.20	UG/L	CLP-M	10/15/2002	18:27	
Beryllium - Total	ND		0.20	UG/L	CLP-M	10/15/2002	18:27	
Cadmium - Total	ND		0.30	UG/L	CLP-M	10/15/2002	18:27	
Calcium - Total	66000		39.4	UG/L	CLP-M	10/15/2002	18:27	
Chromium - Total	ND		0.60	UG/L	CLP-M	10/15/2002	18:27	
Cobalt - Total	ND		0.50	UG/L	CLP-M	10/15/2002	18:27	
Copper - Total	2.1	B	0.60	UG/L	CLP-M	10/15/2002	18:27	
Iron - Total	355		13.9	UG/L	CLP-M	10/15/2002	18:27	
Lead - Total	ND		2.3	UG/L	CLP-M	10/15/2002	18:27	
Magnesium - Total	15500		10.9	UG/L	CLP-M	10/15/2002	18:27	
Manganese - Total	81.1		0.10	UG/L	CLP-M	10/15/2002	18:27	
Mercury - Total	ND		0.035	UG/L	CLP-M	10/16/2002	13:47	
Nickel - Total	2.2	B	1.0	UG/L	CLP-M	10/15/2002	18:27	

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Lab Sample ID: A2991801
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Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	8530		20.6	UG/L	CLP-M	10/15/2002	18:27	
Selenium - Total	ND		4.0	UG/L	CLP-M	10/15/2002	18:27	
Silver - Total	0.60	B	0.50	UG/L	CLP-M	10/15/2002	18:27	
Sodium - Total	59400		258	UG/L	CLP-M	10/15/2002	18:27	
Thallium - Total	ND		3.9	UG/L	CLP-M	10/15/2002	18:27	
Vanadium - Total	ND		0.70	UG/L	CLP-M	10/15/2002	18:27	
Zinc - Total	ND		4.1	UG/L	CLP-M	10/15/2002	18:27	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

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Date Received: 10/07/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
2-Butanone	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
2-Hexanone	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Acetone	3	BJ	10	UG/L	95-1	10/10/2002	15:18	DGP
Benzene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Bromoform	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Bromomethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Chloroethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Chloroform	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Chloromethane	1	BJ	10	UG/L	95-1	10/10/2002	15:18	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Methylene chloride	2	BJ	10	UG/L	95-1	10/10/2002	15:18	DGP
Styrene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Toluene	2	BJ	10	UG/L	95-1	10/10/2002	15:18	DGP
Total Xylenes	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Trichloroethene	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/10/2002	15:18	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,4,5-Trichlorophenol	ND		23	UG/L	95-2	10/14/2002	12:38	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,4-Dinitrophenol	ND		23	UG/L	95-2	10/14/2002	12:38	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2-Chlorophenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM

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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2-Methylphenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2-Nitroaniline	ND		23	UG/L	95-2	10/14/2002	12:38	PM
2-Nitrophenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	10/14/2002	12:38	PM
3-Nitroaniline	ND		23	UG/L	95-2	10/14/2002	12:38	PM
4,6-Dinitro-2-methylphenol	ND		23	UG/L	95-2	10/14/2002	12:38	PM
4-Bromophenyl phenyl ether	ND		9	UG/L	95-2	10/14/2002	12:38	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
4-Chloroaniline	ND		9	UG/L	95-2	10/14/2002	12:38	PM
4-Chlorophenyl phenyl ether	ND		9	UG/L	95-2	10/14/2002	12:38	PM
4-Methylphenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM
4-Nitroaniline	ND		23	UG/L	95-2	10/14/2002	12:38	PM
4-Nitrophenol	ND		23	UG/L	95-2	10/14/2002	12:38	PM
Acenaphthene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Acenaphthylene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Anthracene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Benzo(ghi)perylene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Bis(2-chloroethoxy) methane	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Bis(2-chloroethyl) ether	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Bis(2-ethylhexyl) phthalate	1	BJ	9	UG/L	95-2	10/14/2002	12:38	PM
Butyl benzyl phthalate	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Carbazole	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Chrysene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Di-n-butyl phthalate	0.4	J	9	UG/L	95-2	10/14/2002	12:38	PM
Di-n-octyl phthalate	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Dibenzofuran	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Diethyl phthalate	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Dimethyl phthalate	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Fluoranthene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Fluorene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Hexachlorobenzene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Hexachloroethane	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Isophorone	ND		9	UG/L	95-2	10/14/2002	12:38	PM
N-Nitroso-Di-n-propylamine	ND		9	UG/L	95-2	10/14/2002	12:38	PM
N-nitrosodiphenylamine	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Naphthalene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Nitrobenzene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
2,4-Dinitrochlorophenol	ND		23	UG/L	95-2	10/14/2002	12:38	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
Phenol	ND		9	UG/L	95-2	10/14/2002	12:38	PM

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 Time Collected: 09:45

Date Received: 10/07/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		9	UG/L	95-2	10/14/2002	12:38	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.098	UG/L	95-3	10/15/2002		
4,4'-DDE	ND		0.098	UG/L	95-3	10/15/2002		
4,4'-DDT	ND		0.098	UG/L	95-3	10/15/2002		
Aldrin	ND		0.049	UG/L	95-3	10/15/2002		
alpha-BHC	ND		0.049	UG/L	95-3	10/15/2002		
alpha-Chlordane	ND		0.049	UG/L	95-3	10/15/2002		
Aroclor 1016	ND		0.98	UG/L	95-3	10/15/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	10/15/2002		
Aroclor 1232	ND		0.98	UG/L	95-3	10/15/2002		
Aroclor 1242	ND		0.98	UG/L	95-3	10/15/2002		
Aroclor 1248	ND		0.98	UG/L	95-3	10/15/2002		
Aroclor 1254	ND		0.98	UG/L	95-3	10/15/2002		
Aroclor 1260	ND		0.98	UG/L	95-3	10/15/2002		
beta-BHC	ND		0.049	UG/L	95-3	10/15/2002		
delta-BHC	ND		0.049	UG/L	95-3	10/15/2002		
Dieldrin	ND		0.098	UG/L	95-3	10/15/2002		
Endosulfan I	ND		0.049	UG/L	95-3	10/15/2002		
Endosulfan II	ND		0.098	UG/L	95-3	10/15/2002		
Endosulfan Sulfate	ND		0.098	UG/L	95-3	10/15/2002		
Endrin	ND		0.098	UG/L	95-3	10/15/2002		
Endrin aldehyde	ND		0.098	UG/L	95-3	10/15/2002		
Endrin ketone	ND		0.098	UG/L	95-3	10/15/2002		
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/15/2002		
gamma-Chlordane	ND		0.049	UG/L	95-3	10/15/2002		
Heptachlor	ND		0.049	UG/L	95-3	10/15/2002		
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/15/2002		
Methoxychlor	ND		0.49	UG/L	95-3	10/15/2002		
Toxaphene	ND		4.9	UG/L	95-3	10/15/2002		
Metals Analysis								
Aluminum - Total	ND		32.5	UG/L	CLP-M	10/15/2002	18:40	
Antimony - Total	ND		5.4	UG/L	CLP-M	10/15/2002	18:40	
Arsenic - Total	4.9	B	4.0	UG/L	CLP-M	10/15/2002	18:40	
Barium - Total	133	B	0.20	UG/L	CLP-M	10/15/2002	18:40	
Beryllium - Total	ND		0.20	UG/L	CLP-M	10/15/2002	18:40	
Cadmium - Total	ND		0.30	UG/L	CLP-M	10/15/2002	18:40	
Calcium - Total	66600		39.4	UG/L	CLP-M	10/15/2002	18:40	
Chromium - Total	ND		0.60	UG/L	CLP-M	10/15/2002	18:40	
Cobalt - Total	ND		0.50	UG/L	CLP-M	10/15/2002	18:40	
Copper - Total	1.8	B	0.60	UG/L	CLP-M	10/15/2002	18:40	
Iron - Total	395		13.9	UG/L	CLP-M	10/15/2002	18:40	
Lead - Total	ND		2.3	UG/L	CLP-M	10/15/2002	18:40	
Magnesium - Total	15700		10.9	UG/L	CLP-M	10/15/2002	18:40	
Manganese - Total	81.9		0.10	UG/L	CLP-M	10/15/2002	18:40	
Mercury - Total	ND		0.035	UG/L	CLP-M	10/16/2002	13:49	
Nickel - Total	1.8	B	1.0	UG/L	CLP-M	10/15/2002	18:40	

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Sample ID: RSS-HC02-SW-0
ab Sample ID: A2991802
Date Collected: 10/07/2002
Time Collected: 09:45

Date Received: 10/07/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Potassium - Total	8620		20.6	UG/L	CLP-M	10/15/2002 18:40	
Selenium - Total	ND		4.0	UG/L	CLP-M	10/15/2002 18:40	
Silver - Total	ND		0.50	UG/L	CLP-M	10/15/2002 18:40	
Sodium - Total	59400		258	UG/L	CLP-M	10/15/2002 18:40	
Thallium - Total	ND		3.9	UG/L	CLP-M	10/15/2002 18:40	
Vanadium - Total	ND		0.70	UG/L	CLP-M	10/15/2002 18:40	
Zinc - Total	ND		4.1	UG/L	CLP-M	10/15/2002 18:40	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002 20:06	JMS

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Sample ID: RSS-MW01-IF-GW-0
Lab Sample ID: A2A03301
Date Collected: 10/09/2002
Time Collected: 12:25

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	14:26
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:26
Arsenic - Soluble	6.8	B	4.0	UG/L	CLP-M	10/16/2002	14:26
Barium - Soluble	197	B	0.20	UG/L	CLP-M	10/16/2002	14:26
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:26
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:26
Calcium - Soluble	48900		39.4	UG/L	CLP-M	10/16/2002	14:26
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:26
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:26
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:26
Iron - Soluble	ND		13.9	UG/L	CLP-M	10/16/2002	14:26
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:26
Magnesium - Soluble	20400		10.9	UG/L	CLP-M	10/16/2002	14:26
Manganese - Soluble	194		0.10	UG/L	CLP-M	10/16/2002	14:26
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:06
Nickel - Soluble	ND		1.0	UG/L	CLP-M	10/16/2002	14:26
Potassium - Soluble	4020	B	20.6	UG/L	CLP-M	10/16/2002	14:26
Selenium - Soluble	26.9		4.0	UG/L	CLP-M	10/16/2002	14:26
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:26
Sodium - Soluble	54900		258	UG/L	CLP-M	10/16/2002	14:26
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:26
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:26
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	14:26
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/16/2002	18:25 NAP

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Sample ID: RSS-MW01-1F-GW-0
 Sample ID: A2A15205
 Date Collected: 10/11/2002
 Time Collected: 14:50

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
2-Butanone	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
2-Hexanone	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Acetone	2	J	10	UG/L	95-1	10/17/2002	23:37	DGP
Benzene	1	J	10	UG/L	95-1	10/17/2002	23:37	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Bromoform	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Bromomethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Chloroethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Chloroform	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Chloromethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Methylene chloride	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Styrene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Toluene	1	J	10	UG/L	95-1	10/17/2002	23:37	DGP
Total Xylenes	4	J	10	UG/L	95-1	10/17/2002	23:37	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
Trichloroethene	2	BJ	10	UG/L	95-1	10/17/2002	23:37	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/17/2002	23:37	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002	19:33	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002	19:33	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
1-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM

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Sample ID: RSS-MW01-IF-GW-0
 Lab Sample ID: A2A15205
 Date Collected: 10/11/2002
 Time Collected: 14:50

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	21		10	UG/L	95-2	10/16/2002	19:33	PM
2-Methylphenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	19:33	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/16/2002	19:33	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	19:33	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/16/2002	19:33	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	19:33	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/16/2002	19:33	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	19:33	PM
4-Methylphenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	19:33	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/16/2002	19:33	PM
Acenaphthene	1	J	10	UG/L	95-2	10/16/2002	19:33	PM
Acenaphthylene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Anthracene	1	J	10	UG/L	95-2	10/16/2002	19:33	PM
Benzo(a)anthracene	1	J	10	UG/L	95-2	10/16/2002	19:33	PM
Benzo(a)pyrene	1	J	10	UG/L	95-2	10/16/2002	19:33	PM
Benzo(b)fluoranthene	0.8	J	10	UG/L	95-2	10/16/2002	19:33	PM
Benzo(ghi)perylene	0.6	J	10	UG/L	95-2	10/16/2002	19:33	PM
Benzo(k)fluoranthene	0.8	J	10	UG/L	95-2	10/16/2002	19:33	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Bis(2-ethylhexyl) phthalate	1	BJ	10	UG/L	95-2	10/16/2002	19:33	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Carbazole	0.6	J	10	UG/L	95-2	10/16/2002	19:33	PM
Chrysene	1	J	10	UG/L	95-2	10/16/2002	19:33	PM
Di-n-butyl phthalate	0.6	J	10	UG/L	95-2	10/16/2002	19:33	PM
Di-n-octyl phthalate	0.4	J	10	UG/L	95-2	10/16/2002	19:33	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Dibenzofuran	2	J	10	UG/L	95-2	10/16/2002	19:33	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Fluoranthene	3	J	10	UG/L	95-2	10/16/2002	19:33	PM
Fluorene	2	J	10	UG/L	95-2	10/16/2002	19:33	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Hexachloroethane	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Indeno(1,2,3-cd)pyrene	0.6	J	10	UG/L	95-2	10/16/2002	19:33	PM
Isophorone	ND		10	UG/L	95-2	10/16/2002	19:33	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/16/2002	19:33	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Naphthalene	3	J	10	UG/L	95-2	10/16/2002	19:33	PM
Nitrobenzene	ND		10	UG/L	95-2	10/16/2002	19:33	PM
Pentachlorophenol	ND		24	UG/L	95-2	10/16/2002	19:33	PM
Phenanthrene	5	J	10	UG/L	95-2	10/16/2002	19:33	PM
Phenol	ND		10	UG/L	95-2	10/16/2002	19:33	PM

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Sample ID: RSS-MW01-IF-GW-0
 b Sample ID: A2A15205
 Date Collected: 10/11/2002
 Time Collected: 14:50

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	3	J	10	UG/L	95-2	10/16/2002	19:33	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.10	UG/L	95-3	10/21/2002		
4,4'-DDE	ND		0.10	UG/L	95-3	10/21/2002		
4,4'-DDT	ND		0.10	UG/L	95-3	10/21/2002		
Aldrin	ND		0.050	UG/L	95-3	10/21/2002		
alpha-BHC	ND		0.050	UG/L	95-3	10/21/2002		
alpha-Chlordane	ND		0.050	UG/L	95-3	10/21/2002		
Aroclor 1016	ND		1.0	UG/L	95-3	10/21/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	10/21/2002		
Aroclor 1232	ND		1.0	UG/L	95-3	10/21/2002		
Aroclor 1242	ND		1.0	UG/L	95-3	10/21/2002		
Aroclor 1248	ND		1.0	UG/L	95-3	10/21/2002		
Aroclor 1254	ND		1.0	UG/L	95-3	10/21/2002		
Aroclor 1260	ND		1.0	UG/L	95-3	10/21/2002		
beta-BHC	ND		0.050	UG/L	95-3	10/21/2002		
delta-BHC	ND		0.050	UG/L	95-3	10/21/2002		
Dieldrin	ND		0.10	UG/L	95-3	10/21/2002		
Endosulfan I	ND		0.050	UG/L	95-3	10/21/2002		
Endosulfan II	ND		0.10	UG/L	95-3	10/21/2002		
Endosulfan Sulfate	ND		0.10	UG/L	95-3	10/21/2002		
Endrin	ND		0.10	UG/L	95-3	10/21/2002		
Endrin aldehyde	ND		0.10	UG/L	95-3	10/21/2002		
Endrin ketone	ND		0.10	UG/L	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	10/21/2002		
gamma-Chlordane	ND		0.050	UG/L	95-3	10/21/2002		
Heptachlor	ND		0.050	UG/L	95-3	10/21/2002		
Heptachlor epoxide	ND		0.050	UG/L	95-3	10/21/2002		
Methoxychlor	ND		0.50	UG/L	95-3	10/21/2002		
Toxaphene	ND		5.0	UG/L	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	ND		32.5	UG/L	CLP-M	10/15/2002	20:30	
Antimony - Total	ND		5.4	UG/L	CLP-M	10/15/2002	20:30	
Arsenic - Total	ND		4.0	UG/L	CLP-M	10/15/2002	20:30	
Barium - Total	192	B	0.20	UG/L	CLP-M	10/15/2002	20:30	
Beryllium - Total	ND		0.20	UG/L	CLP-M	10/15/2002	20:30	
Cadmium - Total	ND		0.30	UG/L	CLP-M	10/15/2002	20:30	
Calcium - Total	52900		39.4	UG/L	CLP-M	10/15/2002	20:30	
Chromium - Total	ND		0.60	UG/L	CLP-M	10/15/2002	20:30	
Cobalt - Total	ND		0.50	UG/L	CLP-M	10/15/2002	20:30	
Copper - Total	ND		0.60	UG/L	CLP-M	10/15/2002	20:30	
Iron - Total	170		13.9	UG/L	CLP-M	10/15/2002	20:30	
Lead - Total	ND		2.3	UG/L	CLP-M	10/15/2002	20:30	
Magnesium - Total	22300		10.9	UG/L	CLP-M	10/15/2002	20:30	
Manganese - Total	277		0.10	UG/L	CLP-M	10/15/2002	20:30	
Mercury - Total	ND		0.035	UG/L	CLP-M	10/16/2002	14:52	
Nickel - Total	ND		1.0	UG/L	CLP-M	10/15/2002	20:30	

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Sample ID: RSS-MW01-IF-GW-0
Lab Sample ID: A2A15205
Date Collected: 10/11/2002
Time Collected: 14:50

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Potassium - Total	4560	B	20.6	UG/L	CLP-M	10/15/2002	20:30	
Selenium - Total	ND		4.0	UG/L	CLP-M	10/15/2002	20:30	
Silver - Total	ND		0.50	UG/L	CLP-M	10/15/2002	20:30	
Sodium - Total	55100		258	UG/L	CLP-M	10/15/2002	20:30	
Thallium - Total	ND		3.9	UG/L	CLP-M	10/15/2002	20:30	
Vanadium - Total	ND		0.70	UG/L	CLP-M	10/15/2002	20:30	
Zinc - Total	ND		4.1	UG/L	CLP-M	10/15/2002	20:30	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/19/2002	10:20	NAP

Date: 11/07/2002
Time: 14:08:11

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Sample ID: RSS-MW02-IF-GW-0
Lab Sample ID: A2A03302
Date Collected: 10/09/2002
Time Collected: 14:45

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	14:30	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:30	
Arsenic - Soluble	18.3		4.0	UG/L	CLP-M	10/16/2002	14:30	
Barium - Soluble	121	B	0.20	UG/L	CLP-M	10/16/2002	14:30	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:30	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:30	
Calcium - Soluble	101000		39.4	UG/L	CLP-M	10/16/2002	14:30	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:30	
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:30	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:30	
Iron - Soluble	64.3	B	13.9	UG/L	CLP-M	10/16/2002	14:30	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:30	
Magnesium - Soluble	68500		10.9	UG/L	CLP-M	10/16/2002	14:30	
Manganese - Soluble	225		0.10	UG/L	CLP-M	10/16/2002	14:30	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:10	
Nickel - Soluble	2.0	B	1.0	UG/L	CLP-M	10/16/2002	14:30	
Potassium - Soluble	20200		20.6	UG/L	CLP-M	10/16/2002	14:30	
Selenium - Soluble	17.9		4.0	UG/L	CLP-M	10/16/2002	14:30	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:30	
Sodium - Soluble	83700		258	UG/L	CLP-M	10/16/2002	14:30	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:30	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:30	
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	14:30	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/16/2002	18:25	NAP

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Time: 14:08:11

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Sample ID: RSS-MW02-IF-GW-0
Lab Sample ID: A2A15206
Date Collected: 10/11/2002
Time Collected: 15:35

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,1-Dichloroethene	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,2-Dichloroethene (Total)	88		10	UG/L	95-1	10/18/2002 00:06	DGP	
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
2-Butanone	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
2-Hexanone	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Acetone	2	J	10	UG/L	95-1	10/18/2002 00:06	DGP	
Benzene	18		10	UG/L	95-1	10/18/2002 00:06	DGP	
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Bromoform	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Bromomethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Carbon Disulfide	2	J	10	UG/L	95-1	10/18/2002 00:06	DGP	
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Chlorobenzene	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Chloroethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Chloroform	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Chloromethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Ethylbenzene	3	J	10	UG/L	95-1	10/18/2002 00:06	DGP	
Methylene chloride	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Styrene	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Toluene	24		10	UG/L	95-1	10/18/2002 00:06	DGP	
Total Xylenes	11		10	UG/L	95-1	10/18/2002 00:06	DGP	
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002 00:06	DGP	
Trichloroethene	32	B	10	UG/L	95-1	10/18/2002 00:06	DGP	
Vinyl chloride	31		10	UG/L	95-1	10/18/2002 00:06	DGP	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002 20:08	PM	
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002 20:08	PM	
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002 20:08	PM	
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002 20:08	PM	

Sample ID: RSS-MW02-IF-GW-0
Lab Sample ID: A2A15206
Date Collected: 10/11/2002
Time Collected: 15:35

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
2-Methylphenol	ND		10	UG/L	95-2	10/16/2002	20:08	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	20:08	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/16/2002	20:08	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/16/2002	20:08	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	20:08	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/16/2002	20:08	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	20:08	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/16/2002	20:08	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/16/2002	20:08	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	20:08	PM
4-Methylphenol	ND		10	UG/L	95-2	10/16/2002	20:08	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	20:08	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/16/2002	20:08	PM
Acenaphthene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Acenaphthylene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Anthracene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Bis(2-ethylhexyl) phthalate	2	BJ	10	UG/L	95-2	10/16/2002	20:08	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Carbazole	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Chrysene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Di-n-butyl phthalate	0.5	J	10	UG/L	95-2	10/16/2002	20:08	PM
Di-n-octyl phthalate	0.5	J	10	UG/L	95-2	10/16/2002	20:08	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Dibenzofuran	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Fluoranthene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Fluorene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Hexachloroethane	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Isophorone	ND		10	UG/L	95-2	10/16/2002	20:08	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/16/2002	20:08	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Naphthalene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Nitrobenzene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Pentachlorophenol	ND		24	UG/L	95-2	10/16/2002	20:08	PM
Phenanthrene	ND		10	UG/L	95-2	10/16/2002	20:08	PM
Phenol	ND		10	UG/L	95-2	10/16/2002	20:08	PM

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Sample ID: RSS-MW02-IF-GW-0
Lab Sample ID: A2A15206
Date Collected: 10/11/2002
Time Collected: 15:35

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		10	UG/L	95-2	10/16/2002 20:08	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.11	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.11	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.11	UG/L	95-3	10/16/2002	
Aldrin	ND		0.056	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.056	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.056	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		1.1	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.2	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		1.1	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		1.1	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		1.1	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		1.1	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		1.1	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.056	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.056	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.11	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.056	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.11	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.11	UG/L	95-3	10/16/2002	
Endrin	ND		0.11	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.11	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.11	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.056	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.056	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.056	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.056	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.56	UG/L	95-3	10/16/2002	
Toxaphene	ND		5.6	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW03-RK-GW-0
 Sample ID: A2A03303
 Date Collected: 10/09/2002
 Time Collected: 14:05

Date Received: 10/09/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	14:35
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:35
Arsenic - Soluble	13.0		4.0	UG/L	CLP-M	10/16/2002	14:35
Barium - Soluble	308		0.20	UG/L	CLP-M	10/16/2002	14:35
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:35
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:35
Calcium - Soluble	36500		39.4	UG/L	CLP-M	10/16/2002	14:35
Chromium - Soluble	0.92	B	0.60	UG/L	CLP-M	10/16/2002	14:35
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:35
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:35
Iron - Soluble	473		13.9	UG/L	CLP-M	10/16/2002	14:35
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:35
Magnesium - Soluble	9630		10.9	UG/L	CLP-M	10/16/2002	14:35
Manganese - Soluble	80.6		0.10	UG/L	CLP-M	10/16/2002	14:35
Mercury - Soluble	0.037	B	0.035	UG/L	CLP-M	10/16/2002	14:12
Nickel - Soluble	2.3	B	1.0	UG/L	CLP-M	10/16/2002	14:35
Potassium - Soluble	3880	B	295	UG/L	CLP-M	10/22/2002	21:11
Selenium - Soluble	11.2		4.0	UG/L	CLP-M	10/16/2002	14:35
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:35
Sodium - Soluble	470000		2310	UG/L	CLP-M	10/22/2002	21:11
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:35
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:35
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	14:35
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/16/2002	18:25 NAP

Date: 11/07/2002
Time: 14:08:11

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Sample ID: RSS-MW03-RK-GW-0
Lab Sample ID: A2A15207
Date Collected: 10/11/2002
Time Collected: 15:15

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
2-Butanone	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
2-Hexanone	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Acetone	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Benzene	1	J	10	UG/L	95-1	10/18/2002 00:35	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Bromoform	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Bromomethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Chloroethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Chloroform	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Chloromethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Methylene chloride	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Styrene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Toluene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Total Xylenes	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
Trichloroethene	1	BJ	10	UG/L	95-1	10/18/2002 00:35	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/18/2002 00:35	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,4,5-Trichlorophenol	ND		25	UG/L	95-2	10/16/2002 20:43	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,4-Dinitrophenol	ND		25	UG/L	95-2	10/16/2002 20:43	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM

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Sample ID: RSS-MW03-RK-GW-0
 Sample ID: A2A15207
 Date Collected: 10/11/2002
 Time Collected: 15:15

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2-Methylphenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2-Nitroaniline	ND		25	UG/L	95-2	10/16/2002 20:43	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/16/2002 20:43	PM
3-Nitroaniline	ND		25	UG/L	95-2	10/16/2002 20:43	PM
4,6-Dinitro-2-methylphenol	ND		25	UG/L	95-2	10/16/2002 20:43	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002 20:43	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/16/2002 20:43	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002 20:43	PM
4-Methylphenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM
4-Nitroaniline	ND		25	UG/L	95-2	10/16/2002 20:43	PM
4-Nitrophenol	ND		25	UG/L	95-2	10/16/2002 20:43	PM
Acenaphthene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Acenaphthylene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Anthracene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Bis(2-ethylhexyl) phthalate	6	BJ	10	UG/L	95-2	10/16/2002 20:43	PM
Butyl benzyl phthalate	0.4	J	10	UG/L	95-2	10/16/2002 20:43	PM
Carbazole	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Chrysene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Di-n-butyl phthalate	0.3	J	10	UG/L	95-2	10/16/2002 20:43	PM
Di-n-octyl phthalate	1	J	10	UG/L	95-2	10/16/2002 20:43	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Dibenzofuran	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Fluoranthene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Fluorene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Hexachloroethane	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Isophorone	ND		10	UG/L	95-2	10/16/2002 20:43	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/16/2002 20:43	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Naphthalene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Nitrobenzene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
2,4-Dinitrochlorophenol	ND		25	UG/L	95-2	10/16/2002 20:43	PM
Phenanthrene	ND		10	UG/L	95-2	10/16/2002 20:43	PM
Phenol	ND		10	UG/L	95-2	10/16/2002 20:43	PM

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 Lab Sample ID: A2A15207
 Date Collected: 10/11/2002
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Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/16/2002	20:43	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.12	UG/L	95-3	10/21/2002		
4,4'-DDE	ND		0.12	UG/L	95-3	10/21/2002		
4,4'-DDT	ND		0.12	UG/L	95-3	10/21/2002		
Aldrin	ND		0.059	UG/L	95-3	10/21/2002		
alpha-BHC	ND		0.059	UG/L	95-3	10/21/2002		
alpha-Chlordane	ND		0.059	UG/L	95-3	10/21/2002		
Aroclor 1016	ND		1.2	UG/L	95-3	10/21/2002		
Aroclor 1221	ND		2.4	UG/L	95-3	10/21/2002		
Aroclor 1232	ND		1.2	UG/L	95-3	10/21/2002		
Aroclor 1242	ND		1.2	UG/L	95-3	10/21/2002		
Aroclor 1248	ND		1.2	UG/L	95-3	10/21/2002		
Aroclor 1254	ND		1.2	UG/L	95-3	10/21/2002		
Aroclor 1260	ND		1.2	UG/L	95-3	10/21/2002		
beta-BHC	ND		0.059	UG/L	95-3	10/21/2002		
delta-BHC	ND		0.059	UG/L	95-3	10/21/2002		
Dieldrin	ND		0.12	UG/L	95-3	10/21/2002		
Endosulfan I	ND		0.059	UG/L	95-3	10/21/2002		
Endosulfan II	ND		0.12	UG/L	95-3	10/21/2002		
Endosulfan Sulfate	ND		0.12	UG/L	95-3	10/21/2002		
Endrin	ND		0.12	UG/L	95-3	10/21/2002		
Endrin aldehyde	ND		0.12	UG/L	95-3	10/21/2002		
Endrin ketone	ND		0.12	UG/L	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		0.059	UG/L	95-3	10/21/2002		
gamma-Chlordane	ND		0.059	UG/L	95-3	10/21/2002		
Heptachlor	ND		0.059	UG/L	95-3	10/21/2002		
Heptachlor epoxide	ND		0.059	UG/L	95-3	10/21/2002		
Methoxychlor	ND		0.59	UG/L	95-3	10/21/2002		
Toxaphene	ND		5.9	UG/L	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	7340		32.5	UG/L	CLP-M	10/15/2002	20:43	
Antimony - Total	ND		5.4	UG/L	CLP-M	10/15/2002	20:43	
Arsenic - Total	ND		4.0	UG/L	CLP-M	10/15/2002	20:43	
Barium - Total	153	B	0.20	UG/L	CLP-M	10/15/2002	20:43	
Beryllium - Total	0.55	B	0.20	UG/L	CLP-M	10/15/2002	20:43	
Cadmium - Total	ND		0.30	UG/L	CLP-M	10/15/2002	20:43	
Calcium - Total	12700		39.4	UG/L	CLP-M	10/15/2002	20:43	
Chromium - Total	7.4	B	0.60	UG/L	CLP-M	10/15/2002	20:43	
Cobalt - Total	5.6	B	0.50	UG/L	CLP-M	10/15/2002	20:43	
Copper - Total	12.2	B	0.60	UG/L	CLP-M	10/15/2002	20:43	
Iron - Total	11300		13.9	UG/L	CLP-M	10/15/2002	20:43	
Lead - Total	6.7		2.3	UG/L	CLP-M	10/15/2002	20:43	
Magnesium - Total	5810		10.9	UG/L	CLP-M	10/15/2002	20:43	
Manganese - Total	99.1		0.10	UG/L	CLP-M	10/15/2002	20:43	
Mercury - Total	ND		0.035	UG/L	CLP-M	10/16/2002	14:54	
Nickel - Total	15.8	B	1.0	UG/L	CLP-M	10/15/2002	20:43	

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Job Sample ID: A2A15207
Date Collected: 10/11/2002
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Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Potassium - Total	4440	B	103	UG/L	CLP-M	10/18/2002 03:10	
Selenium - Total	ND		4.0	UG/L	CLP-M	10/15/2002 20:43	
Silver - Total	ND		0.50	UG/L	CLP-M	10/15/2002 20:43	
Sodium - Total	180000		1290	UG/L	CLP-M	10/18/2002 03:10	
Thallium - Total	ND		3.9	UG/L	CLP-M	10/15/2002 20:43	
Vanadium - Total	11.6	B	0.70	UG/L	CLP-M	10/15/2002 20:43	
Zinc - Total	38.3		4.1	UG/L	CLP-M	10/15/2002 20:43	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/19/2002 10:20	NAP

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Lab Sample ID: A2A03304
Date Collected: 10/09/2002
Time Collected: 11:50

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
Metals Analysis							
Aluminum - Soluble	751		32.5	UG/L	CLP-M	10/16/2002 15:02	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002 15:02	
Arsenic - Soluble	11.8		4.0	UG/L	CLP-M	10/16/2002 15:02	
Barium - Soluble	122	B	0.20	UG/L	CLP-M	10/16/2002 15:02	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002 15:02	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002 15:02	
Calcium - Soluble	140000		39.4	UG/L	CLP-M	10/16/2002 15:02	
Chromium - Soluble	1.8	B	0.60	UG/L	CLP-M	10/16/2002 15:02	
Cobalt - Soluble	1.2	B	0.50	UG/L	CLP-M	10/16/2002 15:02	
Copper - Soluble	2.8	B	0.60	UG/L	CLP-M	10/16/2002 15:02	
Iron - Soluble	1430		13.9	UG/L	CLP-M	10/16/2002 15:02	
Lead - Soluble	4.2		2.3	UG/L	CLP-M	10/16/2002 15:02	
Magnesium - Soluble	43700		10.9	UG/L	CLP-M	10/16/2002 15:02	
Manganese - Soluble	719		0.10	UG/L	CLP-M	10/16/2002 15:02	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002 14:13	
Nickel - Soluble	8.4	B	1.0	UG/L	CLP-M	10/16/2002 15:02	
Potassium - Soluble	12800		20.6	UG/L	CLP-M	10/16/2002 15:02	
Selenium - Soluble	9.2		4.0	UG/L	CLP-M	10/16/2002 15:02	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002 15:02	
Sodium - Soluble	94200		258	UG/L	CLP-M	10/16/2002 15:02	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002 15:02	
Vanadium - Soluble	0.88	B	0.70	UG/L	CLP-M	10/16/2002 15:02	
Zinc - Soluble	14.6	B	4.1	UG/L	CLP-M	10/16/2002 15:02	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/16/2002 18:25	NAP

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,1-Dichloroethene	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
2-Butanone	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
2-Hexanone	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Acetone	2	J	10	UG/L	95-1	10/18/2002 01:05	DGP	
Benzene	6	J	10	UG/L	95-1	10/18/2002 01:05	DGP	
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Bromoform	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Bromomethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Carbon Disulfide	1	J	10	UG/L	95-1	10/18/2002 01:05	DGP	
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Chlorobenzene	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Chloroethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Chloroform	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Chloromethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Ethylbenzene	2	J	10	UG/L	95-1	10/18/2002 01:05	DGP	
Methylene chloride	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Styrene	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Toluene	6	J	10	UG/L	95-1	10/18/2002 01:05	DGP	
Total Xylenes	10		10	UG/L	95-1	10/18/2002 01:05	DGP	
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
Trichloroethene	1	BJ	10	UG/L	95-1	10/18/2002 01:05	DGP	
Vinyl chloride	ND		10	UG/L	95-1	10/18/2002 01:05	DGP	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/16/2002 22:29	PM	
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/16/2002 22:29	PM	
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002 22:29	PM	
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002 22:29	PM	

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Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
2-Methylphenol	ND		10	UG/L	95-2	10/16/2002	22:29	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	22:29	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/16/2002	22:29	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/16/2002	22:29	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	22:29	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/16/2002	22:29	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	22:29	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/16/2002	22:29	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/16/2002	22:29	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/16/2002	22:29	PM
4-Methylphenol	ND		10	UG/L	95-2	10/16/2002	22:29	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/16/2002	22:29	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/16/2002	22:29	PM
Acenaphthene	0.3	J	10	UG/L	95-2	10/16/2002	22:29	PM
Acenaphthylene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Anthracene	0.4	J	10	UG/L	95-2	10/16/2002	22:29	PM
Benzo(a)anthracene	0.4	J	10	UG/L	95-2	10/16/2002	22:29	PM
Benzo(a)pyrene	0.2	J	10	UG/L	95-2	10/16/2002	22:29	PM
Benzo(b)fluoranthene	0.4	J	10	UG/L	95-2	10/16/2002	22:29	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Bis(2-ethylhexyl) phthalate	2	BJ	10	UG/L	95-2	10/16/2002	22:29	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Carbazole	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Chrysene	0.4	J	10	UG/L	95-2	10/16/2002	22:29	PM
Di-n-butyl phthalate	0.6	J	10	UG/L	95-2	10/16/2002	22:29	PM
Di-n-octyl phthalate	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Dibenzofuran	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Fluoranthene	2	J	10	UG/L	95-2	10/16/2002	22:29	PM
Fluorene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Hexachloroethane	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Isophorone	ND		10	UG/L	95-2	10/16/2002	22:29	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/16/2002	22:29	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Naphthalene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Nitrobenzene	ND		10	UG/L	95-2	10/16/2002	22:29	PM
Pentachlorophenol	ND		24	UG/L	95-2	10/16/2002	22:29	PM
Phenanthrene	2	J	10	UG/L	95-2	10/16/2002	22:29	PM
Phenol	ND		10	UG/L	95-2	10/16/2002	22:29	PM

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Sample ID: RSS-MW04-IF-GW-0
b Sample ID: A2A15208
Date Collected: 10/11/2002
Time Collected: 14:30

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	2	J	10	UG/L	95-2	10/16/2002	22:29	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.12	UG/L	95-3	10/16/2002		
4,4'-DDE	ND		0.12	UG/L	95-3	10/16/2002		
4,4'-DDT	ND		0.12	UG/L	95-3	10/16/2002		
Aldrin	ND		0.062	UG/L	95-3	10/16/2002		
alpha-BHC	ND		0.062	UG/L	95-3	10/16/2002		
alpha-Chlordane	ND		0.062	UG/L	95-3	10/16/2002		
Aroclor 1016	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1221	ND		2.5	UG/L	95-3	10/16/2002		
Aroclor 1232	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1242	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1248	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1254	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1260	ND		1.2	UG/L	95-3	10/16/2002		
beta-BHC	ND		0.062	UG/L	95-3	10/16/2002		
delta-BHC	ND		0.062	UG/L	95-3	10/16/2002		
Dieldrin	ND		0.12	UG/L	95-3	10/16/2002		
Endosulfan I	ND		0.062	UG/L	95-3	10/16/2002		
Endosulfan II	ND		0.12	UG/L	95-3	10/16/2002		
Endosulfan Sulfate	ND		0.12	UG/L	95-3	10/16/2002		
Endrin	ND		0.12	UG/L	95-3	10/16/2002		
Endrin aldehyde	ND		0.12	UG/L	95-3	10/16/2002		
Endrin ketone	ND		0.12	UG/L	95-3	10/16/2002		
gamma-BHC (Lindane)	ND		0.062	UG/L	95-3	10/16/2002		
gamma-Chlordane	ND		0.062	UG/L	95-3	10/16/2002		
Heptachlor	ND		0.062	UG/L	95-3	10/16/2002		
Heptachlor epoxide	ND		0.062	UG/L	95-3	10/16/2002		
Methoxychlor	ND		0.62	UG/L	95-3	10/16/2002		
Toxaphene	ND		6.2	UG/L	95-3	10/16/2002		

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Sample ID: RSS-MW05-RK-GW-0
Lab Sample ID: A2A03305
Date Collected: 10/09/2002
Time Collected: 15:40

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Aluminum - Soluble	49.6	B	32.5	UG/L	CLP-M	10/16/2002	15:07	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	15:07	
Arsenic - Soluble	18.1		4.0	UG/L	CLP-M	10/16/2002	15:07	
Barium - Soluble	338		0.20	UG/L	CLP-M	10/16/2002	15:07	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	15:07	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	15:07	
Calcium - Soluble	32900		39.4	UG/L	CLP-M	10/16/2002	15:07	
Chromium - Soluble	1.0	B	0.60	UG/L	CLP-M	10/16/2002	15:07	
Cobalt - Soluble	1.1	B	0.50	UG/L	CLP-M	10/16/2002	15:07	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	15:07	
Iron - Soluble	250		13.9	UG/L	CLP-M	10/16/2002	15:07	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	15:07	
Magnesium - Soluble	8970		10.9	UG/L	CLP-M	10/16/2002	15:07	
Manganese - Soluble	64.6		0.10	UG/L	CLP-M	10/16/2002	15:07	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:14	
Nickel - Soluble	37.2	B	1.0	UG/L	CLP-M	10/16/2002	15:07	
Potassium - Soluble	5970	B	295	UG/L	CLP-M	10/22/2002	21:16	
Selenium - Soluble	16.6		4.0	UG/L	CLP-M	10/16/2002	15:07	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	15:07	
Sodium - Soluble	640000		2310	UG/L	CLP-M	10/22/2002	21:16	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	15:07	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	15:07	
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	15:07	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/16/2002	18:25	NAP

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Sample ID: RSS-MW05-RK-GW-0
 Sample ID: A2A15209
 Date Collected: 10/11/2002
 Time Collected: 16:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
1,2-Dichloroethene (Total)	1	J	10	UG/L	95-1	10/16/2002	17:39	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
2-Butanone	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
2-Hexanone	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Acetone	8	J	10	UG/L	95-1	10/16/2002	17:39	DGP
Benzene	73		10	UG/L	95-1	10/16/2002	17:39	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Bromoform	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Bromomethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Chloroethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Chloroform	2	J	10	UG/L	95-1	10/16/2002	17:39	DGP
Chloromethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Ethylbenzene	8	J	10	UG/L	95-1	10/16/2002	17:39	DGP
Methylene chloride	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Styrene	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Toluene	68		10	UG/L	95-1	10/16/2002	17:39	DGP
Total Xylenes	49		10	UG/L	95-1	10/16/2002	17:39	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
Trichloroethene	8	J	10	UG/L	95-1	10/16/2002	17:39	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/16/2002	17:39	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2,4,5-Trichlorophenol	ND		26	UG/L	95-2	10/16/2002	23:04	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2,4-Dinitrophenol	ND		26	UG/L	95-2	10/16/2002	23:04	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002	23:04	PM

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Sample ID: RSS-MW05-RK-GW-0
 Lab Sample ID: A2A15209
 Date Collected: 10/11/2002
 Time Collected: 16:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW									
2-Methylnaphthalene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
2-Methylphenol	1	J	10		UG/L	95-2	10/16/2002 23:04		PM
2-Nitroaniline	ND		26		UG/L	95-2	10/16/2002 23:04		PM
2-Nitrophenol	ND		10		UG/L	95-2	10/16/2002 23:04		PM
3,3'-Dichlorobenzidine	ND		10		UG/L	95-2	10/16/2002 23:04		PM
3-Nitroaniline	ND		26		UG/L	95-2	10/16/2002 23:04		PM
4,6-Dinitro-2-methylphenol	ND		26		UG/L	95-2	10/16/2002 23:04		PM
4-Bromophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002 23:04		PM
4-Chloro-3-methylphenol	ND		10		UG/L	95-2	10/16/2002 23:04		PM
4-Chloroaniline	ND		10		UG/L	95-2	10/16/2002 23:04		PM
4-Chlorophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002 23:04		PM
4-Methylphenol	ND		10		UG/L	95-2	10/16/2002 23:04		PM
4-Nitroaniline	ND		26		UG/L	95-2	10/16/2002 23:04		PM
4-Nitrophenol	ND		26		UG/L	95-2	10/16/2002 23:04		PM
Acenaphthene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Acenaphthylene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Anthracene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Benzo(a)anthracene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Benzo(a)pyrene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Benzo(b)fluoranthene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Benzo(ghi)perylene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Benzo(k)fluoranthene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Bis(2-chloroethoxy) methane	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Bis(2-chloroethyl) ether	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Bis(2-ethylhexyl) phthalate	0.6	BJ	10		UG/L	95-2	10/16/2002 23:04		PM
Butyl benzyl phthalate	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Carbazole	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Chrysene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Di-n-butyl phthalate	0.5	J	10		UG/L	95-2	10/16/2002 23:04		PM
Di-n-octyl phthalate	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Dibenzo(a,h)anthracene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Dibenzofuran	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Diethyl phthalate	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Dimethyl phthalate	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Fluoranthene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Fluorene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Hexachlorobenzene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Hexachlorobutadiene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Hexachlorocyclopentadiene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Hexachloroethane	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Indeno(1,2,3-cd)pyrene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Isophorone	ND		10		UG/L	95-2	10/16/2002 23:04		PM
N-Nitroso-Di-n-propylamine	ND		10		UG/L	95-2	10/16/2002 23:04		PM
N-nitrosodiphenylamine	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Naphthalene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Nitrobenzene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Pentachlorophenol	ND		26		UG/L	95-2	10/16/2002 23:04		PM
Phenanthrene	ND		10		UG/L	95-2	10/16/2002 23:04		PM
Phenol	ND		10		UG/L	95-2	10/16/2002 23:04		PM

Date: 11/07/2002
 Time: 14:08:11

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Sample ID: RSS-MW05-RK-GW-0
 Sample ID: A2A15209
 Date Collected: 10/11/2002
 Time Collected: 16:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/16/2002	23:04	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.12	UG/L	95-3	10/16/2002		
4,4'-DDE	ND		0.12	UG/L	95-3	10/16/2002		
4,4'-DDT	ND		0.12	UG/L	95-3	10/16/2002		
Aldrin	ND		0.059	UG/L	95-3	10/16/2002		
alpha-BHC	ND		0.059	UG/L	95-3	10/16/2002		
alpha-Chlordane	ND		0.059	UG/L	95-3	10/16/2002		
Aroclor 1016	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1221	ND		2.4	UG/L	95-3	10/16/2002		
Aroclor 1232	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1242	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1248	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1254	ND		1.2	UG/L	95-3	10/16/2002		
Aroclor 1260	ND		1.2	UG/L	95-3	10/16/2002		
beta-BHC	ND		0.059	UG/L	95-3	10/16/2002		
delta-BHC	ND		0.059	UG/L	95-3	10/16/2002		
Dieldrin	ND		0.12	UG/L	95-3	10/16/2002		
Endosulfan I	ND		0.059	UG/L	95-3	10/16/2002		
Endosulfan II	ND		0.12	UG/L	95-3	10/16/2002		
Endosulfan Sulfate	ND		0.12	UG/L	95-3	10/16/2002		
Endrin	ND		0.12	UG/L	95-3	10/16/2002		
Endrin aldehyde	ND		0.12	UG/L	95-3	10/16/2002		
Endrin ketone	ND		0.12	UG/L	95-3	10/16/2002		
gamma-BHC (Lindane)	ND		0.059	UG/L	95-3	10/16/2002		
gamma-Chlordane	ND		0.059	UG/L	95-3	10/16/2002		
Heptachlor	ND		0.059	UG/L	95-3	10/16/2002		
Heptachlor epoxide	ND		0.059	UG/L	95-3	10/16/2002		
Methoxychlor	ND		0.59	UG/L	95-3	10/16/2002		
Toxaphene	ND		5.9	UG/L	95-3	10/16/2002		

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Sample ID: RSS-MW06-IF-GW-MS
 Lab Sample ID: AZA15210MS
 Date Collected: 10/11/2002
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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES									
1,1,1-Trichloroethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
1,1,2,2-Tetrachloroethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
1,1,2-Trichloroethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
1,1-Dichloroethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
1,1-Dichloroethene	57		10		UG/L	95-1	10/18/2002	20:50	DGP
1,2-Dichloroethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
1,2-Dichloroethene (Total)	1	J	10		UG/L	95-1	10/18/2002	20:50	DGP
1,2-Dichloropropane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
2-Butanone	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
2-Hexanone	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
4-Methyl-2-pentanone	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Acetone	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Benzene	160		10		UG/L	95-1	10/18/2002	20:50	DGP
Bromodichloromethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Bromoform	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Bromomethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Carbon Disulfide	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Carbon Tetrachloride	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Chlorobenzene	57		10		UG/L	95-1	10/18/2002	20:50	DGP
Chloroethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Chloroform	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Chloromethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
cis-1,3-Dichloropropene	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Dibromochloromethane	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Ethylbenzene	23		10		UG/L	95-1	10/18/2002	20:50	DGP
Methylene chloride	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Styrene	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Tetrachloroethene	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Toluene	230	E	10		UG/L	95-1	10/18/2002	20:50	DGP
Total Xylenes	120		10		UG/L	95-1	10/18/2002	20:50	DGP
trans-1,3-Dichloropropene	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
Trichloroethene	56		10		UG/L	95-1	10/18/2002	20:50	DGP
Vinyl chloride	ND		10		UG/L	95-1	10/18/2002	20:50	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW									
1,2,4-Trichlorobenzene	31		10		UG/L	95-2	10/17/2002	00:14	PM
1,2-Dichlorobenzene	ND		10		UG/L	95-2	10/17/2002	00:14	PM
1,3-Dichlorobenzene	ND		10		UG/L	95-2	10/17/2002	00:14	PM
1,4-Dichlorobenzene	31		10		UG/L	95-2	10/17/2002	00:14	PM
2,2'-Oxybis(1-Chloropropane)	ND		10		UG/L	95-2	10/17/2002	00:14	PM
2,4,5-Trichlorophenol	ND		24		UG/L	95-2	10/17/2002	00:14	PM
2,4,6-Trichlorophenol	ND		10		UG/L	95-2	10/17/2002	00:14	PM
2,4-Dichlorophenol	ND		10		UG/L	95-2	10/17/2002	00:14	PM
2,4-Dimethylphenol	0.5	J	10		UG/L	95-2	10/17/2002	00:14	PM
2,4-Dinitrophenol	ND		24		UG/L	95-2	10/17/2002	00:14	PM
2,4-Dinitrotoluene	38		10		UG/L	95-2	10/17/2002	00:14	PM
2,6-Dinitrotoluene	ND		10		UG/L	95-2	10/17/2002	00:14	PM
2-Chloronaphthalene	ND		10		UG/L	95-2	10/17/2002	00:14	PM
2-Chlorophenol	50		10		UG/L	95-2	10/17/2002	00:14	PM

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 Sample ID: A2A15210MS
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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	0.6	J	10	UG/L	95-2	10/17/2002	00:14	PM
2-Methylphenol	0.7	J	10	UG/L	95-2	10/17/2002	00:14	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	00:14	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/17/2002	00:14	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/17/2002	00:14	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	00:14	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/17/2002	00:14	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/17/2002	00:14	PM
4-Chloro-3-methylphenol	61		10	UG/L	95-2	10/17/2002	00:14	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/17/2002	00:14	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/17/2002	00:14	PM
4-Methylphenol	ND		10	UG/L	95-2	10/17/2002	00:14	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	00:14	PM
4-Nitrophenol	55		24	UG/L	95-2	10/17/2002	00:14	PM
Acenaphthene	35		10	UG/L	95-2	10/17/2002	00:14	PM
Acenaphthylene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Anthracene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Bis(2-ethylhexyl) phthalate	14	B	10	UG/L	95-2	10/17/2002	00:14	PM
Butyl benzyl phthalate	0.3	J	10	UG/L	95-2	10/17/2002	00:14	PM
Carbazole	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Chrysene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Di-n-butyl phthalate	0.4	J	10	UG/L	95-2	10/17/2002	00:14	PM
Di-n-octyl phthalate	0.5	J	10	UG/L	95-2	10/17/2002	00:14	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Dibenzofuran	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Fluoranthene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Fluorene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Hexachloroethane	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Isophorone	ND		10	UG/L	95-2	10/17/2002	00:14	PM
N-Nitroso-Di-n-propylamine	32		10	UG/L	95-2	10/17/2002	00:14	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Naphthalene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Nitrobenzene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
2,4-Dichlorophenol	43		24	UG/L	95-2	10/17/2002	00:14	PM
Phenanthrene	ND		10	UG/L	95-2	10/17/2002	00:14	PM
Phenol	51		10	UG/L	95-2	10/17/2002	00:14	PM

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Lab Sample ID: A2A15210MS
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Project No: NY2A8931
Client No: 511679
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Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	33		10	UG/L	95-2	10/17/2002 00:14	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.10	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.10	UG/L	95-3	10/16/2002	
4,4'-DDT	0.55		0.10	UG/L	95-3	10/16/2002	
Aldrin	0.28		0.050	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.050	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.050	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		1.0	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.050	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.050	UG/L	95-3	10/16/2002	
Dieldrin	0.81		0.10	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.050	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.10	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.10	UG/L	95-3	10/16/2002	
Endrin	0.91		0.10	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.10	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.10	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	0.45		0.050	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.050	UG/L	95-3	10/16/2002	
Heptachlor	0.32		0.050	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.050	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.50	UG/L	95-3	10/16/2002	
Toxaphene	ND		5.0	UG/L	95-3	10/16/2002	

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
1,1-Dichloroethene	57		10	UG/L	95-1	10/18/2002	21:20	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
1,2-Dichloroethene (Total)	1	J	10	UG/L	95-1	10/18/2002	21:20	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
2-Butanone	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
2-Hexanone	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Acetone	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Benzene	150		10	UG/L	95-1	10/18/2002	21:20	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Bromoform	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Bromomethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Chlorobenzene	57		10	UG/L	95-1	10/18/2002	21:20	DGP
Chloroethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Chloroform	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Chloromethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Ethylbenzene	22		10	UG/L	95-1	10/18/2002	21:20	DGP
Methylene chloride	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Styrene	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Toluene	220	E	10	UG/L	95-1	10/18/2002	21:20	DGP
Total Xylenes	120		10	UG/L	95-1	10/18/2002	21:20	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
Trichloroethene	56		10	UG/L	95-1	10/18/2002	21:20	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/18/2002	21:20	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	31		10	UG/L	95-2	10/17/2002	00:49	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
1,4-Dichlorobenzene	30		10	UG/L	95-2	10/17/2002	00:49	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/17/2002	00:49	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	10/17/2002	00:49	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/17/2002	00:49	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/17/2002	00:49	PM
2,4-Dimethylphenol	0.5	J	10	UG/L	95-2	10/17/2002	00:49	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	10/17/2002	00:49	PM
2,4-Dinitrotoluene	39		10	UG/L	95-2	10/17/2002	00:49	PM
6-Dinitrotoluene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
1-Chloronaphthalene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
2-Chlorophenol	48		10	UG/L	95-2	10/17/2002	00:49	PM

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Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	0.6	J	10	UG/L	95-2	10/17/2002	00:49	PM
2-Methylphenol	0.6	J	10	UG/L	95-2	10/17/2002	00:49	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	00:49	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/17/2002	00:49	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/17/2002	00:49	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	00:49	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/17/2002	00:49	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/17/2002	00:49	PM
4-Chloro-3-methylphenol	62		10	UG/L	95-2	10/17/2002	00:49	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/17/2002	00:49	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/17/2002	00:49	PM
4-Methylphenol	ND		10	UG/L	95-2	10/17/2002	00:49	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	00:49	PM
4-Nitrophenol	55		24	UG/L	95-2	10/17/2002	00:49	PM
Acenaphthene	35		10	UG/L	95-2	10/17/2002	00:49	PM
Acenaphthylene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Anthracene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Bis(2-ethylhexyl) phthalate	2	BJ	10	UG/L	95-2	10/17/2002	00:49	PM
Butyl benzyl phthalate	0.3	J	10	UG/L	95-2	10/17/2002	00:49	PM
Carbazole	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Chrysene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Di-n-butyl phthalate	0.4	J	10	UG/L	95-2	10/17/2002	00:49	PM
Di-n-octyl phthalate	0.3	J	10	UG/L	95-2	10/17/2002	00:49	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Dibenzofuran	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Fluoranthene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Fluorene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Hexachloroethane	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Isophorone	ND		10	UG/L	95-2	10/17/2002	00:49	PM
N-Nitroso-Di-n-propylamine	31		10	UG/L	95-2	10/17/2002	00:49	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Naphthalene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Nitrobenzene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Pentachlorophenol	42		24	UG/L	95-2	10/17/2002	00:49	PM
Phenanthrene	ND		10	UG/L	95-2	10/17/2002	00:49	PM
Phenol	50		10	UG/L	95-2	10/17/2002	00:49	PM

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Sample ID: RSS-MW06-IF-GW-MSD
b Sample ID: A2A15210SD
Date Collected: 10/11/2002
Time Collected: 09:20

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	33		10	UG/L	95-2	10/17/2002 00:49	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.10	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.10	UG/L	95-3	10/16/2002	
4,4'-DDT	0.45		0.10	UG/L	95-3	10/16/2002	
Aldrin	0.23		0.050	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.050	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.050	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		1.0	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.050	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.050	UG/L	95-3	10/16/2002	
Dieldrin	0.78		0.10	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.050	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.10	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.10	UG/L	95-3	10/16/2002	
Endrin	0.87		0.10	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.10	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.10	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	0.45		0.050	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.050	UG/L	95-3	10/16/2002	
Heptachlor	0.29		0.050	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.050	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.50	UG/L	95-3	10/16/2002	
Toxaphene	ND		5.0	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW06-IF-GW-0
Lab Sample ID: A2A01804
Date Collected: 10/08/2002
Time Collected: 11:05

Date Received: 10/08/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	88.3	B	32.5	UG/L	CLP-M	10/16/2002	12:25
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	12:25
Arsenic - Soluble	9.2	B	4.0	UG/L	CLP-M	10/16/2002	12:25
Barium - Soluble	47.2	B	0.20	UG/L	CLP-M	10/16/2002	12:25
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	12:25
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	12:25
Calcium - Soluble	27000		39.4	UG/L	CLP-M	10/16/2002	12:25
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:25
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:25
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	12:25
Iron - Soluble	ND		13.9	UG/L	CLP-M	10/16/2002	12:25
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	12:25
Magnesium - Soluble	3120	B	10.9	UG/L	CLP-M	10/16/2002	12:25
Manganese - Soluble	148		0.10	UG/L	CLP-M	10/16/2002	12:25
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	13:54
Nickel - Soluble	1.2	B	1.0	UG/L	CLP-M	10/16/2002	12:25
Potassium - Soluble	12500	N	20.6	UG/L	CLP-M	10/16/2002	12:25
Selenium - Soluble	ND		4.0	UG/L	CLP-M	10/16/2002	12:25
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	12:25
Sodium - Soluble	39300		258	UG/L	CLP-M	10/16/2002	12:25
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	12:25
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	12:25
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	12:25
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06 JMS

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Sample ID: RSS-MW06-IF-GW-0
b Sample ID: A2A01804MD
e Collected: 10/08/2002
Time Collected: 11:05

Date Received: 10/08/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
Metals Analysis								
Aluminum - Soluble	86.8500	B	32.5000	UG/L	CLP-M	10/16/2002	12:38	
Antimony - Soluble	ND		5.4000	UG/L	CLP-M	10/16/2002	12:38	
Arsenic - Soluble	8.7900	B	4.0000	UG/L	CLP-M	10/16/2002	12:38	
Barium - Soluble	47.4300	B	0.2000	UG/L	CLP-M	10/16/2002	12:38	
Beryllium - Soluble	ND		0.2000	UG/L	CLP-M	10/16/2002	12:38	
Cadmium - Soluble	ND		0.3000	UG/L	CLP-M	10/16/2002	12:38	
Calcium - Soluble	26897.1309		39.4000	UG/L	CLP-M	10/16/2002	12:38	
Chromium - Soluble	ND		0.6000	UG/L	CLP-M	10/16/2002	12:38	
Cobalt - Soluble	ND		0.5000	UG/L	CLP-M	10/16/2002	12:38	
Copper - Soluble	ND		0.6000	UG/L	CLP-M	10/16/2002	12:38	
Iron - Soluble	ND		13.9000	UG/L	CLP-M	10/16/2002	12:38	
Lead - Soluble	ND		2.3000	UG/L	CLP-M	10/16/2002	12:38	
Magnesium - Soluble	3118.2500	B	10.9000	UG/L	CLP-M	10/16/2002	12:38	
Manganese - Soluble	147.5600		0.1000	UG/L	CLP-M	10/16/2002	12:38	
Mercury - Soluble	ND		0.0350	UG/L	CLP-M	10/16/2002	13:55	
Nickel - Soluble	ND		1.0000	UG/L	CLP-M	10/16/2002	12:38	
Potassium - Soluble	12476.0703		20.6000	UG/L	CLP-M	10/16/2002	12:38	
Selenium - Soluble	ND		4.0000	UG/L	CLP-M	10/16/2002	12:38	
Silver - Soluble	ND		0.5000	UG/L	CLP-M	10/16/2002	12:38	
Sodium - Soluble	39117.5586		258.0000	UG/L	CLP-M	10/16/2002	12:38	
thallium - Soluble	ND		3.9000	UG/L	CLP-M	10/16/2002	12:38	
Vanadium - Soluble	ND		0.7000	UG/L	CLP-M	10/16/2002	12:38	
Zinc - Soluble	ND		4.1000	UG/L	CLP-M	10/16/2002	12:38	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

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Sample ID: RSS-MW06-IF-GW-0
Lab Sample ID: A2A01804MS
Date Collected: 10/08/2002
Time Collected: 11:05

Date Received: 10/08/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	11700.0000		32.5000	UG/L	CLP-M	10/16/2002	13:50
Antimony - Soluble	219.0000		5.4000	UG/L	CLP-M	10/16/2002	13:50
Arsenic - Soluble	245.0000		4.0000	UG/L	CLP-M	10/16/2002	13:50
Barium - Soluble	282.0000		0.2000	UG/L	CLP-M	10/16/2002	13:50
Beryllium - Soluble	233.0000		0.2000	UG/L	CLP-M	10/16/2002	13:50
Cadmium - Soluble	235.0000		0.3000	UG/L	CLP-M	10/16/2002	13:50
Calcium - Soluble	37800.0000		39.4000	UG/L	CLP-M	10/16/2002	13:50
Chromium - Soluble	225.0000		0.6000	UG/L	CLP-M	10/16/2002	13:50
Cobalt - Soluble	234.0000		0.5000	UG/L	CLP-M	10/16/2002	13:50
Copper - Soluble	235.0000		0.6000	UG/L	CLP-M	10/16/2002	13:50
Iron - Soluble	469.0000		13.9000	UG/L	CLP-M	10/16/2002	13:50
Lead - Soluble	234.0000		2.3000	UG/L	CLP-M	10/16/2002	13:50
Magnesium - Soluble	15100.0000		10.9000	UG/L	CLP-M	10/16/2002	13:50
Manganese - Soluble	382.0000		0.1000	UG/L	CLP-M	10/16/2002	13:50
Mercury - Soluble	1.6650		0.0350	UG/L	CLP-M	10/16/2002	13:56
Nickel - Soluble	242.0000		1.0000	UG/L	CLP-M	10/16/2002	13:50
Potassium - Soluble	25400.0000	M	20.6000	UG/L	CLP-M	10/16/2002	13:50
Selenium - Soluble	239.0000		4.0000	UG/L	CLP-M	10/16/2002	13:50
Silver - Soluble	55.3000		0.5000	UG/L	CLP-M	10/16/2002	13:50
Sodium - Soluble	51200.0000		258.0000	UG/L	CLP-M	10/16/2002	13:50
Thallium - Soluble	235.0000		3.9000	UG/L	CLP-M	10/16/2002	13:50
Vanadium - Soluble	239.0000		0.7000	UG/L	CLP-M	10/16/2002	13:50
Zinc - Soluble	234.0000		4.1000	UG/L	CLP-M	10/16/2002	13:50
Wet Chemistry Analysis							
Cyanide - Total	0.068		0.010	MG/L	CLP-WC	10/15/2002	20:06 JMS

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 Time: 14:08:11

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Sample ID: RSS-MW06-IF-GW-0
 b Sample ID: A2A15210
 Date Collected: 10/11/2002
 Time Collected: 08:40

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
1,2-Dichloroethene (Total)	1	J	10	UG/L	95-1	10/18/2002	01:34	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
2-Butanone	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
2-Hexanone	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Acetone	12		10	UG/L	95-1	10/18/2002	01:34	DGP
Benzene	72		10	UG/L	95-1	10/18/2002	01:34	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Bromoform	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Bromomethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Chloroethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Chloroform	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Chloromethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Ethylbenzene	15		10	UG/L	95-1	10/18/2002	01:34	DGP
Methylene chloride	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Styrene	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Toluene	99		10	UG/L	95-1	10/18/2002	01:34	DGP
Total Xylenes	61		10	UG/L	95-1	10/18/2002	01:34	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	01:34	DGP
Trichloroethene	2	BJ	10	UG/L	95-1	10/18/2002	01:34	DGP
Vinyl chloride	2	J	10	UG/L	95-1	10/18/2002	01:34	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2,4,5-Trichlorophenol	ND		25	UG/L	95-2	10/16/2002	23:39	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2,4-Dimethylphenol	0.5	J	10	UG/L	95-2	10/16/2002	23:39	PM
2,4-Dinitrophenol	ND		25	UG/L	95-2	10/16/2002	23:39	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/16/2002	23:39	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/16/2002	23:39	PM

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Sample ID: RSS-MW06-IF-GW-0
 Lab Sample ID: A2A15210
 Date Collected: 10/11/2002
 Time Collected: 08:40

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW									
2-Methylnaphthalene	0.7	J	10		UG/L	95-2	10/16/2002	23:39	PM
2-Methylphenol	0.7	J	10		UG/L	95-2	10/16/2002	23:39	PM
2-Nitroaniline	ND		25		UG/L	95-2	10/16/2002	23:39	PM
2-Nitrophenol	ND		10		UG/L	95-2	10/16/2002	23:39	PM
3,3'-Dichlorobenzidine	ND		10		UG/L	95-2	10/16/2002	23:39	PM
3-Nitroaniline	ND		25		UG/L	95-2	10/16/2002	23:39	PM
4,6-Dinitro-2-methylphenol	ND		25		UG/L	95-2	10/16/2002	23:39	PM
4-Bromophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002	23:39	PM
4-Chloro-3-methylphenol	ND		10		UG/L	95-2	10/16/2002	23:39	PM
4-Chloroaniline	ND		10		UG/L	95-2	10/16/2002	23:39	PM
4-Chlorophenyl phenyl ether	ND		10		UG/L	95-2	10/16/2002	23:39	PM
4-Methylphenol	ND		10		UG/L	95-2	10/16/2002	23:39	PM
4-Nitroaniline	ND		25		UG/L	95-2	10/16/2002	23:39	PM
4-Nitrophenol	ND		25		UG/L	95-2	10/16/2002	23:39	PM
Acenaphthene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Acenaphthylene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Anthracene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Benzo(a)anthracene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Benzo(a)pyrene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Benzo(b)fluoranthene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Benzo(ghi)perylene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Benzo(k)fluoranthene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Bis(2-chloroethoxy) methane	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Bis(2-chloroethyl) ether	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Bis(2-ethylhexyl) phthalate	3	BJ	10		UG/L	95-2	10/16/2002	23:39	PM
Butyl benzyl phthalate	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Carbazole	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Chrysene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Di-n-butyl phthalate	0.4	J	10		UG/L	95-2	10/16/2002	23:39	PM
Di-n-octyl phthalate	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Dibenzo(a,h)anthracene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Dibenzofuran	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Diethyl phthalate	0.4	J	10		UG/L	95-2	10/16/2002	23:39	PM
Dimethyl phthalate	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Fluoranthene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Fluorene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Hexachlorobenzene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Hexachlorobutadiene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Hexachlorocyclopentadiene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Hexachloroethane	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Indeno(1,2,3-cd)pyrene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Isophorone	ND		10		UG/L	95-2	10/16/2002	23:39	PM
N-Nitroso-Di-n-propylamine	ND		10		UG/L	95-2	10/16/2002	23:39	PM
N-nitrosodiphenylamine	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Naphthalene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Nitrobenzene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Pentachlorophenol	ND		25		UG/L	95-2	10/16/2002	23:39	PM
Phenanthrene	ND		10		UG/L	95-2	10/16/2002	23:39	PM
Phenol	4	J	10		UG/L	95-2	10/16/2002	23:39	PM

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Sample ID: RSS-MW06-IF-GW-0
Sample ID: A2A15210
Date Collected: 10/11/2002
Time Collected: 08:40

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		10	UG/L	95-2	10/16/2002 23:39	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.10	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.10	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.10	UG/L	95-3	10/16/2002	
Aldrin	ND		0.050	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.050	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.050	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		1.0	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		1.0	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.050	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.050	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.10	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.050	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.10	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.10	UG/L	95-3	10/16/2002	
Endrin	ND		0.10	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.10	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.10	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.050	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.050	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.050	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.050	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.50	UG/L	95-3	10/16/2002	
Toxaphene	ND		5.0	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW07-IF-GW-0
Lab Sample ID: A2A03306
Date Collected: 10/09/2002
Time Collected: 11:30

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	33.0	B	32.5	UG/L	CLP-M	10/16/2002	15:11
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	15:11
Arsenic - Soluble	11.8		4.0	UG/L	CLP-M	10/16/2002	15:11
Barium - Soluble	187	B	0.20	UG/L	CLP-M	10/16/2002	15:11
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	15:11
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	15:11
Calcium - Soluble	186000		39.4	UG/L	CLP-M	10/16/2002	15:11
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	15:11
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	15:11
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	15:11
Iron - Soluble	252		13.9	UG/L	CLP-M	10/16/2002	15:11
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	15:11
Magnesium - Soluble	66900		10.9	UG/L	CLP-M	10/16/2002	15:11
Manganese - Soluble	201		0.10	UG/L	CLP-M	10/16/2002	15:11
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:19
Nickel - Soluble	1.4	B	1.0	UG/L	CLP-M	10/16/2002	15:11
Potassium - Soluble	14000		20.6	UG/L	CLP-M	10/16/2002	15:11
Selenium - Soluble	14.9		4.0	UG/L	CLP-M	10/16/2002	15:11
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	15:11
Sodium - Soluble	75900		258	UG/L	CLP-M	10/16/2002	15:11
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	15:11
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	15:11
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	15:11
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/19/2002	09:05 NAP

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Sample ID: RSS-MW07-1F-GW-0
 b Sample ID: A2A15211
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 Time Collected: 14:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES									
1,1,1-Trichloroethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
1,1,2,2-Tetrachloroethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
1,1,2-Trichloroethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
1,1-Dichloroethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
1,1-Dichloroethene	15		10		UG/L	95-1	10/16/2002	19:36	DGP
1,2-Dichloroethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
1,2-Dichloroethene (Total)	2400	E	10		UG/L	95-1	10/16/2002	19:36	DGP
1,2-Dichloropropane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
2-Butanone	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
2-Hexanone	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
4-Methyl-2-pentanone	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Acetone	6	J	10		UG/L	95-1	10/16/2002	19:36	DGP
Benzene	10		10		UG/L	95-1	10/16/2002	19:36	DGP
Bromodichloromethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Bromoform	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Bromomethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Carbon Disulfide	1	J	10		UG/L	95-1	10/16/2002	19:36	DGP
Carbon Tetrachloride	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Chlorobenzene	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Chloroethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Chloroform	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Chloromethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
cis-1,3-Dichloropropene	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Dibromochloromethane	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Ethylbenzene	4	J	10		UG/L	95-1	10/16/2002	19:36	DGP
Methylene chloride	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Styrene	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Tetrachloroethene	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Toluene	12		10		UG/L	95-1	10/16/2002	19:36	DGP
Total Xylenes	23		10		UG/L	95-1	10/16/2002	19:36	DGP
trans-1,3-Dichloropropene	ND		10		UG/L	95-1	10/16/2002	19:36	DGP
Trichloroethene	56		10		UG/L	95-1	10/16/2002	19:36	DGP
Vinyl chloride	640	E	10		UG/L	95-1	10/16/2002	19:36	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW									
1,2,4-Trichlorobenzene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
1,2-Dichlorobenzene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
1,3-Dichlorobenzene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
1,4-Dichlorobenzene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2,2'-Oxybis(1-Chloropropane)	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2,4,5-Trichlorophenol	ND		24		UG/L	95-2	10/17/2002	01:24	PM
2,4,6-Trichlorophenol	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2,4-Dichlorophenol	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2,4-Dimethylphenol	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2,4-Dinitrophenol	ND		24		UG/L	95-2	10/17/2002	01:24	PM
2,4-Dinitrotoluene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2,5-Dinitrotoluene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2-Chloronaphthalene	ND		10		UG/L	95-2	10/17/2002	01:24	PM
2-Chlorophenol	ND		10		UG/L	95-2	10/17/2002	01:24	PM

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Sample ID: RSS-MW07-IF-GW-0
 Lab Sample ID: A2A15211
 Date Collected: 10/11/2002
 Time Collected: 14:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
2-Methylphenol	ND		10	UG/L	95-2	10/17/2002	01:24	PM
2-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	01:24	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/17/2002	01:24	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/17/2002	01:24	PM
3-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	01:24	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	10/17/2002	01:24	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/17/2002	01:24	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/17/2002	01:24	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/17/2002	01:24	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/17/2002	01:24	PM
4-Methylphenol	ND		10	UG/L	95-2	10/17/2002	01:24	PM
4-Nitroaniline	ND		24	UG/L	95-2	10/17/2002	01:24	PM
4-Nitrophenol	ND		24	UG/L	95-2	10/17/2002	01:24	PM
Acenaphthene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Acenaphthylene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Anthracene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Bis(2-ethylhexyl) phthalate	1	BJ	10	UG/L	95-2	10/17/2002	01:24	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Carbazole	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Chrysene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Di-n-butyl phthalate	0.3	J	10	UG/L	95-2	10/17/2002	01:24	PM
Di-n-octyl phthalate	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Dibenzofuran	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Fluoranthene	0.4	J	10	UG/L	95-2	10/17/2002	01:24	PM
Fluorene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Hexachloroethane	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Isophorone	ND		10	UG/L	95-2	10/17/2002	01:24	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/17/2002	01:24	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Naphthalene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Nitrobenzene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Pentachlorophenol	ND		24	UG/L	95-2	10/17/2002	01:24	PM
Phenanthrene	ND		10	UG/L	95-2	10/17/2002	01:24	PM
Phenol	ND		10	UG/L	95-2	10/17/2002	01:24	PM

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Sample ID: RSS-MW07-IF-GW-0
b Sample ID: A2A15211
Date Collected: 10/11/2002
Time Collected: 14:10

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	0.3	J	10	UG/L	95-2	10/17/2002 01:24	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.098	UG/L	95-3	10/16/2002	
Aldrin	ND		0.049	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		0.98	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.098	UG/L	95-3	10/16/2002	
Endrin	ND		0.098	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.098	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.098	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002	
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW07-IF-GW-O DL
Lab Sample ID: A2A15211DL
Date Collected: 10/11/2002
Time Collected: 14:10

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
1,1,2,2-Tetrachloroethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
1,1,2-Trichloroethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
1,1-Dichloroethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
1,1-Dichloroethene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
1,2-Dichloroethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
1,2-Dichloroethene (Total)	1500	D	200	UG/L	95-1	10/18/2002	12:32	DGP
1,2-Dichloropropane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
2-Butanone	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
2-Hexanone	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
4-Methyl-2-pentanone	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Acetone	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Benzene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Bromodichloromethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Bromoform	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Bromomethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Carbon Disulfide	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Carbon Tetrachloride	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Chlorobenzene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Chloroethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Chloroform	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Chloromethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
cis-1,3-Dichloropropene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Dibromochloromethane	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Ethylbenzene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Methylene chloride	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Styrene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Tetrachloroethene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Toluene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Total Xylenes	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
trans-1,3-Dichloropropene	ND		200	UG/L	95-1	10/18/2002	12:32	DGP
Trichloroethene	40	DJ	200	UG/L	95-1	10/18/2002	12:32	DGP
Vinyl chloride	330	D	200	UG/L	95-1	10/18/2002	12:32	DGP

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Sample ID: RSS-MW08-IF-GW-0
Lab Sample ID: A2A03307
Date Collected: 10/09/2002
Time Collected: 15:10

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	201		32.5	UG/L	CLP-M	10/16/2002 15:15	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002 15:15	
Arsenic - Soluble	10.4		4.0	UG/L	CLP-M	10/16/2002 15:15	
Barium - Soluble	57.3	B	0.20	UG/L	CLP-M	10/16/2002 15:15	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002 15:15	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002 15:15	
Calcium - Soluble	51100		39.4	UG/L	CLP-M	10/16/2002 15:15	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002 15:15	
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002 15:15	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002 15:15	
Iron - Soluble	ND		13.9	UG/L	CLP-M	10/16/2002 15:15	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002 15:15	
Magnesium - Soluble	2140	B	10.9	UG/L	CLP-M	10/16/2002 15:15	
Manganese - Soluble	234		0.10	UG/L	CLP-M	10/16/2002 15:15	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002 14:20	
Nickel - Soluble	5.0	B	1.0	UG/L	CLP-M	10/16/2002 15:15	
Potassium - Soluble	19300		20.6	UG/L	CLP-M	10/16/2002 15:15	
Selenium - Soluble	ND		4.0	UG/L	CLP-M	10/16/2002 15:15	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002 15:15	
Sodium - Soluble	36400		258	UG/L	CLP-M	10/16/2002 15:15	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002 15:15	
Vanadium - Soluble	0.80	B	0.70	UG/L	CLP-M	10/16/2002 15:15	
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002 15:15	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/19/2002 09:05	NAP

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 Time: 14:08:11

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Sample ID: RSS-MW08-IF-GW-0
 Lab Sample ID: A2A15212
 Date Collected: 10/11/2002
 Time Collected: 15:55

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
1,2-Dichloroethene (Total)	1	J	10	UG/L	95-1	10/18/2002	02:03	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
2-Butanone	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
2-Hexanone	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Acetone	5	J	10	UG/L	95-1	10/18/2002	02:03	DGP
Benzene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Bromoform	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Bromomethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Chloroethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Chloroform	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Chloromethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Methylene chloride	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Styrene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Toluene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Total Xylenes	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
Trichloroethene	2	BJ	10	UG/L	95-1	10/18/2002	02:03	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/18/2002	02:03	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,4,5-Trichlorophenol	ND		25	UG/L	95-2	10/18/2002	08:37	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,4-Dinitrophenol	ND		25	UG/L	95-2	10/18/2002	08:37	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM

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Sample ID: RSS-MW08-IF-GW-0
 b Sample ID: A2A15212
 e Collected: 10/11/2002
 Time Collected: 15:55

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2-Methylphenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2-Nitroaniline	ND		25	UG/L	95-2	10/18/2002	08:37	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/18/2002	08:37	PM
3-Nitroaniline	ND		25	UG/L	95-2	10/18/2002	08:37	PM
4,6-Dinitro-2-methylphenol	ND		25	UG/L	95-2	10/18/2002	08:37	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	08:37	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/18/2002	08:37	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	08:37	PM
4-Methylphenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM
4-Nitroaniline	ND		25	UG/L	95-2	10/18/2002	08:37	PM
4-Nitrophenol	ND		25	UG/L	95-2	10/18/2002	08:37	PM
Acenaphthene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Acenaphthylene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Anthracene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Bis(2-ethylhexyl) phthalate	4	BJ	10	UG/L	95-2	10/18/2002	08:37	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Carbazole	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Chrysene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Di-n-butyl phthalate	0.4	J	10	UG/L	95-2	10/18/2002	08:37	PM
Di-n-octyl phthalate	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Dibenzofuran	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Fluoranthene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Fluorene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Hexachloroethane	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Isophorone	ND		10	UG/L	95-2	10/18/2002	08:37	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/18/2002	08:37	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Naphthalene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Nitrobenzene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
2,4-Dinitrochlorophenol	ND		25	UG/L	95-2	10/18/2002	08:37	PM
1-Methylanthrene	ND		10	UG/L	95-2	10/18/2002	08:37	PM
Phenol	ND		10	UG/L	95-2	10/18/2002	08:37	PM

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Sample ID: RSS-MW08-IF-GW-0
Lab Sample ID: A2A15212
Date Collected: 10/11/2002
Time Collected: 15:55

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		10	UG/L	95-2	10/18/2002 08:37	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.098	UG/L	95-3	10/16/2002	
Aldrin	ND		0.049	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		0.98	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.098	UG/L	95-3	10/16/2002	
Endrin	ND		0.098	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.098	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.098	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002	
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW09-IF-GW-0
 Sample ID: A2A01805
 Date Collected: 10/08/2002
 Time Collected: 12:50

Date Received: 10/08/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized	Analyzed	
Metals Analysis								
Aluminum - Soluble	32.5	B	32.5	UG/L	CLP-M	10/16/2002	14:09	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:09	
Arsenic - Soluble	13.8		4.0	UG/L	CLP-M	10/16/2002	14:09	
Barium - Soluble	126	B	0.20	UG/L	CLP-M	10/16/2002	14:09	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:09	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:09	
Calcium - Soluble	130000		39.4	UG/L	CLP-M	10/16/2002	14:09	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:09	
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:09	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:09	
Iron - Soluble	2110		13.9	UG/L	CLP-M	10/16/2002	14:09	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:09	
Magnesium - Soluble	27300		10.9	UG/L	CLP-M	10/16/2002	14:09	
Manganese - Soluble	737		0.10	UG/L	CLP-M	10/16/2002	14:09	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	13:58	
Nickel - Soluble	5.5	B	1.0	UG/L	CLP-M	10/16/2002	14:09	
Potassium - Soluble	8050	N	20.6	UG/L	CLP-M	10/16/2002	14:09	
Selenium - Soluble	7.7		4.0	UG/L	CLP-M	10/16/2002	14:09	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:09	
Sodium - Soluble	17500		258	UG/L	CLP-M	10/16/2002	14:09	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:09	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:09	
Zinc - Soluble	4.4	B	4.1	UG/L	CLP-M	10/16/2002	14:09	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

Sample ID: RSS-MW09-IF-GW-0
 Lab Sample ID: A2A15213
 Date Collected: 10/11/2002
 Time Collected: 11:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
1,1-Dichloroethene	3	J	10	UG/L	95-1	10/16/2002	20:34	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
1,2-Dichloroethene (Total)	570	E	10	UG/L	95-1	10/16/2002	20:34	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
2-Butanone	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
2-Hexanone	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Acetone	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Benzene	35		10	UG/L	95-1	10/16/2002	20:34	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Bromoform	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Bromomethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Chloroethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Chloroform	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Chloromethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Ethylbenzene	12		10	UG/L	95-1	10/16/2002	20:34	DGP
Methylene chloride	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Styrene	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Toluene	74		10	UG/L	95-1	10/16/2002	20:34	DGP
Total Xylenes	75		10	UG/L	95-1	10/16/2002	20:34	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	20:34	DGP
Trichloroethene	840	E	10	UG/L	95-1	10/16/2002	20:34	DGP
Vinyl chloride	34		10	UG/L	95-1	10/16/2002	20:34	DGP

TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW

1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,4,5-Trichlorophenol	ND		26	UG/L	95-2	10/18/2002	09:12	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,4-Dinitrophenol	ND		26	UG/L	95-2	10/18/2002	09:12	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM

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Sample ID: RSS-MW09-IF-GW-0
 Sample ID: A2A15213
 Date Collected: 10/11/2002
 Time Collected: 11:10

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	0.4	J	10	UG/L	95-2	10/18/2002	09:12	PM
2-Methylphenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2-Nitroaniline	ND		26	UG/L	95-2	10/18/2002	09:12	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/18/2002	09:12	PM
3-Nitroaniline	ND		26	UG/L	95-2	10/18/2002	09:12	PM
4,6-Dinitro-2-methylphenol	ND		26	UG/L	95-2	10/18/2002	09:12	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	09:12	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/18/2002	09:12	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	09:12	PM
4-Methylphenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM
4-Nitroaniline	ND		26	UG/L	95-2	10/18/2002	09:12	PM
4-Nitrophenol	ND		26	UG/L	95-2	10/18/2002	09:12	PM
Acenaphthene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Acenaphthylene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Anthracene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Bis(2-ethylhexyl) phthalate	1	BJ	10	UG/L	95-2	10/18/2002	09:12	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Carbazole	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Chrysene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Di-n-butyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Di-n-octyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Dibenzofuran	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Fluoranthene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Fluorene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Hexachloroethane	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Isophorone	ND		10	UG/L	95-2	10/18/2002	09:12	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/18/2002	09:12	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Naphthalene	0.4	J	10	UG/L	95-2	10/18/2002	09:12	PM
Nitrobenzene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
2,4-Dinitrochlorophenol	ND		26	UG/L	95-2	10/18/2002	09:12	PM
Phenanthrene	ND		10	UG/L	95-2	10/18/2002	09:12	PM
Phenol	ND		10	UG/L	95-2	10/18/2002	09:12	PM

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Sample ID: RSS-MW09-IF-GW-0
Lab Sample ID: A2A15213
Date Collected: 10/11/2002
Time Collected: 11:10

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time	
						Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		10	UG/L	95-2	10/18/2002 09:12	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.098	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.098	UG/L	95-3	10/16/2002	
Aldrin	ND		0.049	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		2.0	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		0.98	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		0.98	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.098	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.098	UG/L	95-3	10/16/2002	
Endrin	ND		0.098	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.098	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.098	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002	
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW09-IF-GW-0 DL
b Sample ID: A2A15213DL
Date Collected: 10/11/2002
Time Collected: 11:10

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
1,1,2,2-Tetrachloroethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
1,1,2-Trichloroethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
1,1-Dichloroethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
1,1-Dichloroethene	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
1,2-Dichloroethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
1,2-Dichloroethene (Total)	380	D	40	UG/L	95-1	10/18/2002	19:52	DGP
1,2-Dichloropropane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
2-Butanone	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
2-Hexanone	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
4-Methyl-2-pentanone	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Acetone	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Benzene	25	DJ	40	UG/L	95-1	10/18/2002	19:52	DGP
Bromodichloromethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Bromoform	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Bromomethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Carbon Disulfide	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Carbon Tetrachloride	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Chlorobenzene	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Chloroethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Chloroform	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Chloromethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
cis-1,3-Dichloropropene	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Dibromochloromethane	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Ethylbenzene	8	DJ	40	UG/L	95-1	10/18/2002	19:52	DGP
Methylene chloride	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Styrene	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Tetrachloroethene	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Toluene	54	D	40	UG/L	95-1	10/18/2002	19:52	DGP
Total Xylenes	48	D	40	UG/L	95-1	10/18/2002	19:52	DGP
trans-1,3-Dichloropropene	ND		40	UG/L	95-1	10/18/2002	19:52	DGP
Trichloroethene	450	D	40	UG/L	95-1	10/18/2002	19:52	DGP
Vinyl chloride	22	DJ	40	UG/L	95-1	10/18/2002	19:52	DGP

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Sample ID: RSS-MW11-IF-GW-0
 Lab Sample ID: A2A01806
 Date Collected: 10/08/2002
 Time Collected: 12:15

Date Received: 10/08/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	14:13	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:13	
Arsenic - Soluble	8.8	B	4.0	UG/L	CLP-M	10/16/2002	14:13	
Barium - Soluble	66.1	B	0.20	UG/L	CLP-M	10/16/2002	14:13	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:13	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:13	
Calcium - Soluble	118000		39.4	UG/L	CLP-M	10/16/2002	14:13	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:13	
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:13	
Copper - Soluble	0.95	B	0.60	UG/L	CLP-M	10/16/2002	14:13	
Iron - Soluble	63.4	B	13.9	UG/L	CLP-M	10/16/2002	14:13	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:13	
Magnesium - Soluble	37600		10.9	UG/L	CLP-M	10/16/2002	14:13	
Manganese - Soluble	126		0.10	UG/L	CLP-M	10/16/2002	14:13	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	13:59	
Nickel - Soluble	1.5	B	1.0	UG/L	CLP-M	10/16/2002	14:13	
Potassium - Soluble	11400	N	20.6	UG/L	CLP-M	10/16/2002	14:13	
Selenium - Soluble	ND		4.0	UG/L	CLP-M	10/16/2002	14:13	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:13	
Sodium - Soluble	41000		258	UG/L	CLP-M	10/16/2002	14:13	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:13	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:13	
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	14:13	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

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Sample ID: RSS-MW11-1F-GW-0
 b Sample ID: A2A15214
 Date Collected: 10/11/2002
 Time Collected: 10:50

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
2-Butanone	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
2-Hexanone	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Acetone	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Benzene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Bromoform	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Bromomethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Chloroethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Chloroform	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Chloromethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Methylene chloride	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Styrene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Toluene	1	J	10	UG/L	95-1	10/18/2002	02:32	DGP
Total Xylenes	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Trichloroethene	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/18/2002	02:32	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2,4,5-Trichlorophenol	ND		25	UG/L	95-2	10/18/2002	09:47	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2,4-Dinitrophenol	ND		25	UG/L	95-2	10/18/2002	09:47	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
6-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM

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Sample ID: RSS-MW11-IF-GW-0
 Lab Sample ID: A2A15214
 Date Collected: 10/11/2002
 Time Collected: 10:50

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time			Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2-Methylphenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
2-Nitroaniline	ND		25	UG/L	95-2	10/18/2002	09:47	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/18/2002	09:47	PM
3-Nitroaniline	ND		25	UG/L	95-2	10/18/2002	09:47	PM
4,6-Dinitro-2-methylphenol	ND		25	UG/L	95-2	10/18/2002	09:47	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	09:47	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/18/2002	09:47	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	09:47	PM
4-Methylphenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM
4-Nitroaniline	ND		25	UG/L	95-2	10/18/2002	09:47	PM
4-Nitrophenol	ND		25	UG/L	95-2	10/18/2002	09:47	PM
Acenaphthene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Acenaphthylene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Anthracene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Bis(2-ethylhexyl) phthalate	2	BJ	10	UG/L	95-2	10/18/2002	09:47	PM
Butyl benzyl phthalate	0.3	J	10	UG/L	95-2	10/18/2002	09:47	PM
Carbazole	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Chrysene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Di-n-butyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Di-n-octyl phthalate	1	J	10	UG/L	95-2	10/18/2002	09:47	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Dibenzofuran	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Fluoranthene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Fluorene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Hexachloroethane	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Isophorone	ND		10	UG/L	95-2	10/18/2002	09:47	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/18/2002	09:47	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Naphthalene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Nitrobenzene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Pentachlorophenol	ND		25	UG/L	95-2	10/18/2002	09:47	PM
Phenanthrene	ND		10	UG/L	95-2	10/18/2002	09:47	PM
Phenol	ND		10	UG/L	95-2	10/18/2002	09:47	PM

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Sample ID: RSS-MW11-IF-GW-0
b Sample ID: A2A15214
Date Collected: 10/11/2002
Time Collected: 10:50

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		10	UG/L	95-2	10/18/2002 09:47	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.097	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.097	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.097	UG/L	95-3	10/16/2002	
Aldrin	ND		0.049	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		0.97	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		1.9	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		0.97	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		0.97	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		0.97	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		0.97	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		0.97	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.097	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.097	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.097	UG/L	95-3	10/16/2002	
Endrin	ND		0.097	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.097	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.097	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002	
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MW12-IF-GW-0
 Lab Sample ID: A2A01807
 Date Collected: 10/08/2002
 Time Collected: 10:10

Date Received: 10/08/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	14:17
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:17
Arsenic - Soluble	18.0		4.0	UG/L	CLP-M	10/16/2002	14:17
Barium - Soluble	207		0.20	UG/L	CLP-M	10/16/2002	14:17
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:17
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:17
Calcium - Soluble	166000		39.4	UG/L	CLP-M	10/16/2002	14:17
Chromium - Soluble	2.0	B	0.60	UG/L	CLP-M	10/16/2002	14:17
Cobalt - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:17
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:17
Iron - Soluble	221		13.9	UG/L	CLP-M	10/16/2002	14:17
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:17
Magnesium - Soluble	53400		10.9	UG/L	CLP-M	10/16/2002	14:17
Manganese - Soluble	704		0.10	UG/L	CLP-M	10/16/2002	14:17
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:03
Nickel - Soluble	6.7	B	1.0	UG/L	CLP-M	10/16/2002	14:17
Potassium - Soluble	20500	N	20.6	UG/L	CLP-M	10/16/2002	14:17
Selenium - Soluble	15.4		4.0	UG/L	CLP-M	10/16/2002	14:17
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:17
Sodium - Soluble	34700		258	UG/L	CLP-M	10/16/2002	14:17
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:17
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:17
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	14:17
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06 JMS

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Sample ID: RSS-MW12-IF-GW-0
 b Sample ID: A2A15215
 Date Collected: 10/11/2002
 Time Collected: 08:05

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
2-Butanone	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
2-Hexanone	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Acetone	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Benzene	11		10	UG/L	95-1	10/16/2002	21:33	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Bromoform	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Bromomethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Chloroethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Chloroform	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Chloromethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Ethylbenzene	7	J	10	UG/L	95-1	10/16/2002	21:33	DGP
Methylene chloride	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Styrene	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Toluene	27		10	UG/L	95-1	10/16/2002	21:33	DGP
Total Xylenes	31		10	UG/L	95-1	10/16/2002	21:33	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
Trichloroethene	3	J	10	UG/L	95-1	10/16/2002	21:33	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/16/2002	21:33	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2,4,5-Trichlorophenol	ND		26	UG/L	95-2	10/18/2002	10:22	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2,4-Dinitrophenol	ND		26	UG/L	95-2	10/18/2002	10:22	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
3-Dinitrotoluene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Chloronaphthalene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2-Chlorophenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM

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Sample ID: RSS-MW12-1F-GW-0
 Lab Sample ID: A2A15215
 Date Collected: 10/11/2002
 Time Collected: 08:05

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2-Methylphenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
2-Nitroaniline	ND		26	UG/L	95-2	10/18/2002	10:22	PM
2-Nitrophenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	10/18/2002	10:22	PM
3-Nitroaniline	ND		26	UG/L	95-2	10/18/2002	10:22	PM
4,6-Dinitro-2-methylphenol	ND		26	UG/L	95-2	10/18/2002	10:22	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	10:22	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
4-Chloroaniline	ND		10	UG/L	95-2	10/18/2002	10:22	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	10/18/2002	10:22	PM
4-Methylphenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM
4-Nitroaniline	ND		26	UG/L	95-2	10/18/2002	10:22	PM
4-Nitrophenol	ND		26	UG/L	95-2	10/18/2002	10:22	PM
Acenaphthene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Acenaphthylene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Anthracene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Bis(2-ethylhexyl) phthalate	1	BJ	10	UG/L	95-2	10/18/2002	10:22	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Carbazole	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Chrysene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Di-n-butyl phthalate	0.5	J	10	UG/L	95-2	10/18/2002	10:22	PM
Di-n-octyl phthalate	0.4	J	10	UG/L	95-2	10/18/2002	10:22	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Dibenzofuran	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Diethyl phthalate	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Dimethyl phthalate	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Fluoranthene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Fluorene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Hexachlorobenzene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Hexachloroethane	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Isophorone	ND		10	UG/L	95-2	10/18/2002	10:22	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	10/18/2002	10:22	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Naphthalene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Nitrobenzene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Pentachlorophenol	ND		26	UG/L	95-2	10/18/2002	10:22	PM
Phenanthrene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
Phenol	ND		10	UG/L	95-2	10/18/2002	10:22	PM

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Sample ID: RSS-MW12-IF-GW-0
 b Sample ID: A2A15215
 Date Collected: 10/11/2002
 Time Collected: 08:05

Date Received: 10/11/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	10/18/2002	10:22	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.097	UG/L	95-3	10/16/2002		
4,4'-DDE	ND		0.097	UG/L	95-3	10/16/2002		
4,4'-DDT	ND		0.097	UG/L	95-3	10/16/2002		
Aldrin	ND		0.049	UG/L	95-3	10/16/2002		
alpha-BHC	ND		0.049	UG/L	95-3	10/16/2002		
alpha-Chlordane	ND		0.049	UG/L	95-3	10/16/2002		
Aroclor 1016	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1221	ND		1.9	UG/L	95-3	10/16/2002		
Aroclor 1232	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1242	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1248	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1254	ND		0.97	UG/L	95-3	10/16/2002		
Aroclor 1260	ND		0.97	UG/L	95-3	10/16/2002		
beta-BHC	ND		0.049	UG/L	95-3	10/16/2002		
delta-BHC	ND		0.049	UG/L	95-3	10/16/2002		
Dieldrin	ND		0.097	UG/L	95-3	10/16/2002		
Endosulfan I	ND		0.049	UG/L	95-3	10/16/2002		
Endosulfan II	ND		0.097	UG/L	95-3	10/16/2002		
Endosulfan Sulfate	ND		0.097	UG/L	95-3	10/16/2002		
Endrin	ND		0.097	UG/L	95-3	10/16/2002		
Endrin aldehyde	ND		0.097	UG/L	95-3	10/16/2002		
Endrin ketone	ND		0.097	UG/L	95-3	10/16/2002		
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	10/16/2002		
gamma-Chlordane	ND		0.049	UG/L	95-3	10/16/2002		
Heptachlor	ND		0.049	UG/L	95-3	10/16/2002		
Heptachlor epoxide	ND		0.049	UG/L	95-3	10/16/2002		
Methoxychlor	ND		0.49	UG/L	95-3	10/16/2002		
Toxaphene	ND		4.9	UG/L	95-3	10/16/2002		
Metals Analysis								
Aluminum - Total	455		32.5	UG/L	CLP-M	10/15/2002	20:57	
Antimony - Total	ND		5.4	UG/L	CLP-M	10/15/2002	20:57	
Arsenic - Total	ND		4.0	UG/L	CLP-M	10/15/2002	20:57	
Barium - Total	122	B	0.20	UG/L	CLP-M	10/15/2002	20:57	
Beryllium - Total	0.23	B	0.20	UG/L	CLP-M	10/15/2002	20:57	
Cadmium - Total	ND		0.30	UG/L	CLP-M	10/15/2002	20:57	
Calcium - Total	172000		39.4	UG/L	CLP-M	10/15/2002	20:57	
Chromium - Total	ND		0.60	UG/L	CLP-M	10/15/2002	20:57	
Cobalt - Total	2.2	B	0.50	UG/L	CLP-M	10/15/2002	20:57	
Copper - Total	3.1	B	0.60	UG/L	CLP-M	10/15/2002	20:57	
Iron - Total	1790		13.9	UG/L	CLP-M	10/15/2002	20:57	
Lead - Total	ND		2.3	UG/L	CLP-M	10/15/2002	20:57	
Magnesium - Total	56000		10.9	UG/L	CLP-M	10/15/2002	20:57	
Manganese - Total	761		0.10	UG/L	CLP-M	10/15/2002	20:57	
Mercury - Total	ND		0.035	UG/L	CLP-M	10/16/2002	14:55	
Nickel - Total	5.9	B	1.0	UG/L	CLP-M	10/15/2002	20:57	

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Lab Sample ID: A2A15215
Date Collected: 10/11/2002
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Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Potassium - Total	17700		20.6	UG/L	CLP-M	10/15/2002 20:57	
Selenium - Total	ND		4.0	UG/L	CLP-M	10/15/2002 20:57	
Silver - Total	0.77	B	0.50	UG/L	CLP-M	10/15/2002 20:57	
Sodium - Total	29000		258	UG/L	CLP-M	10/15/2002 20:57	
Thallium - Total	ND		3.9	UG/L	CLP-M	10/15/2002 20:57	
Vanadium - Total	1.8	B	0.70	UG/L	CLP-M	10/15/2002 20:57	
Zinc - Total	9.3	B	4.1	UG/L	CLP-M	10/15/2002 20:57	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/19/2002 10:20	NAP

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Sample ID: RSS-MWXX-GW-FD
 Sample ID: A2A01808
 Date Collected: 10/08/2002
 Time Collected: 15:05

Date Received: 10/08/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Aluminum - Soluble	ND		32.5	UG/L	CLP-M	10/16/2002	14:22	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	14:22	
Arsenic - Soluble	11.5		4.0	UG/L	CLP-M	10/16/2002	14:22	
Barium - Soluble	318		0.20	UG/L	CLP-M	10/16/2002	14:22	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	14:22	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	14:22	
Calcium - Soluble	124000		39.4	UG/L	CLP-M	10/16/2002	14:22	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:22	
Cobalt - Soluble	3.7	B	0.50	UG/L	CLP-M	10/16/2002	14:22	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	14:22	
Iron - Soluble	76.5	B	13.9	UG/L	CLP-M	10/16/2002	14:22	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	14:22	
Magnesium - Soluble	42100		10.9	UG/L	CLP-M	10/16/2002	14:22	
Manganese - Soluble	711		0.10	UG/L	CLP-M	10/16/2002	14:22	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:05	
Nickel - Soluble	23.6	B	1.0	UG/L	CLP-M	10/16/2002	14:22	
Potassium - Soluble	4780	BN	20.6	UG/L	CLP-M	10/16/2002	14:22	
Selenium - Soluble	7.7		4.0	UG/L	CLP-M	10/16/2002	14:22	
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	14:22	
Sodium - Soluble	78200		258	UG/L	CLP-M	10/16/2002	14:22	
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	14:22	
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	14:22	
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	14:22	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/15/2002	20:06	JMS

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Lab Sample ID: A2A15216
Date Collected: 10/11/2002
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Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,1,2,2-Tetrachloroethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,1,2-Trichloroethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,1-Dichloroethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,1-Dichloroethene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,2-Dichloroethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,2-Dichloroethene (Total)	40000		10000	UG/L	95-1	10/18/2002 03:31	DGP	
1,2-Dichloropropane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
2-Butanone	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
2-Hexanone	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
4-Methyl-2-pentanone	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Acetone	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Benzene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Bromodichloromethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Bromoform	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Bromomethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Carbon Disulfide	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Carbon Tetrachloride	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Chlorobenzene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Chloroethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Chloroform	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Chloromethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
cis-1,3-Dichloropropene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Dibromochloromethane	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Ethylbenzene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Methylene chloride	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Styrene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Tetrachloroethene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Toluene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Total Xylenes	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
trans-1,3-Dichloropropene	ND		10000	UG/L	95-1	10/18/2002 03:31	DGP	
Trichloroethene	150000	B	10000	UG/L	95-1	10/18/2002 03:31	DGP	
Vinyl chloride	9200	J	10000	UG/L	95-1	10/18/2002 03:31	DGP	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
1,2-Dichlorobenzene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
1,3-Dichlorobenzene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
1,4-Dichlorobenzene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2,4,5-Trichlorophenol	ND		23	UG/L	95-2	10/18/2002 10:57	PM	
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2,4-Dichlorophenol	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2,4-Dimethylphenol	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2,4-Dinitrophenol	ND		23	UG/L	95-2	10/18/2002 10:57	PM	
2,4-Dinitrotoluene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2,6-Dinitrotoluene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2-Chloronaphthalene	ND		9	UG/L	95-2	10/18/2002 10:57	PM	
2-Chlorophenol	ND		9	UG/L	95-2	10/18/2002 10:57	PM	

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 b Sample ID: A2A15216
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 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
2-Methylphenol	ND		9	UG/L	95-2	10/18/2002	10:57	PM
2-Nitroaniline	ND		23	UG/L	95-2	10/18/2002	10:57	PM
2-Nitrophenol	ND		9	UG/L	95-2	10/18/2002	10:57	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	10/18/2002	10:57	PM
3-Nitroaniline	ND		23	UG/L	95-2	10/18/2002	10:57	PM
4,6-Dinitro-2-methylphenol	ND		23	UG/L	95-2	10/18/2002	10:57	PM
4-Bromophenyl phenyl ether	ND		9	UG/L	95-2	10/18/2002	10:57	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	10/18/2002	10:57	PM
4-Chloroaniline	ND		9	UG/L	95-2	10/18/2002	10:57	PM
4-Chlorophenyl phenyl ether	ND		9	UG/L	95-2	10/18/2002	10:57	PM
4-Methylphenol	ND		9	UG/L	95-2	10/18/2002	10:57	PM
4-Nitroaniline	ND		23	UG/L	95-2	10/18/2002	10:57	PM
4-Nitrophenol	ND		23	UG/L	95-2	10/18/2002	10:57	PM
Acenaphthene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Acenaphthylene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Anthracene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Benzo(ghi)perylene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Bis(2-chloroethoxy) methane	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Bis(2-chloroethyl) ether	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Bis(2-ethylhexyl) phthalate	2	BJ	9	UG/L	95-2	10/18/2002	10:57	PM
Butyl benzyl phthalate	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Carbazole	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Chrysene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Di-n-butyl phthalate	0.5	J	9	UG/L	95-2	10/18/2002	10:57	PM
Di-n-octyl phthalate	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Dibenzofuran	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Diethyl phthalate	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Dimethyl phthalate	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Fluoranthene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Fluorene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Hexachlorobenzene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Hexachloroethane	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Isophorone	ND		9	UG/L	95-2	10/18/2002	10:57	PM
N-Nitroso-Di-n-propylamine	ND		9	UG/L	95-2	10/18/2002	10:57	PM
N-nitrosodiphenylamine	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Naphthalene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Nitrobenzene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
2,4,6-Trinitrochlorophenol	ND		23	UG/L	95-2	10/18/2002	10:57	PM
Phenanthrene	ND		9	UG/L	95-2	10/18/2002	10:57	PM
Phenol	ND		9	UG/L	95-2	10/18/2002	10:57	PM

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Sample ID: RSS-MWXX-GW-FD
Lab Sample ID: A2A15216
Date Collected: 10/11/2002
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Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time	
						Analyzed	Analyst
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	ND		9	UG/L	95-2	10/18/2002 10:57	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		0.096	UG/L	95-3	10/16/2002	
4,4'-DDE	ND		0.096	UG/L	95-3	10/16/2002	
4,4'-DDT	ND		0.096	UG/L	95-3	10/16/2002	
Aldrin	ND		0.048	UG/L	95-3	10/16/2002	
alpha-BHC	ND		0.048	UG/L	95-3	10/16/2002	
alpha-Chlordane	ND		0.048	UG/L	95-3	10/16/2002	
Aroclor 1016	ND		0.96	UG/L	95-3	10/16/2002	
Aroclor 1221	ND		1.9	UG/L	95-3	10/16/2002	
Aroclor 1232	ND		0.96	UG/L	95-3	10/16/2002	
Aroclor 1242	ND		0.96	UG/L	95-3	10/16/2002	
Aroclor 1248	ND		0.96	UG/L	95-3	10/16/2002	
Aroclor 1254	ND		0.96	UG/L	95-3	10/16/2002	
Aroclor 1260	ND		0.96	UG/L	95-3	10/16/2002	
beta-BHC	ND		0.048	UG/L	95-3	10/16/2002	
delta-BHC	ND		0.048	UG/L	95-3	10/16/2002	
Dieldrin	ND		0.096	UG/L	95-3	10/16/2002	
Endosulfan I	ND		0.048	UG/L	95-3	10/16/2002	
Endosulfan II	ND		0.096	UG/L	95-3	10/16/2002	
Endosulfan Sulfate	ND		0.096	UG/L	95-3	10/16/2002	
Endrin	ND		0.096	UG/L	95-3	10/16/2002	
Endrin aldehyde	ND		0.096	UG/L	95-3	10/16/2002	
Endrin ketone	ND		0.096	UG/L	95-3	10/16/2002	
gamma-BHC (Lindane)	ND		0.048	UG/L	95-3	10/16/2002	
gamma-Chlordane	ND		0.048	UG/L	95-3	10/16/2002	
Heptachlor	ND		0.048	UG/L	95-3	10/16/2002	
Heptachlor epoxide	ND		0.048	UG/L	95-3	10/16/2002	
Methoxychlor	ND		0.48	UG/L	95-3	10/16/2002	
Toxaphene	ND		4.8	UG/L	95-3	10/16/2002	

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Sample ID: RSS-MWXX-RB
 Sample ID: A2A03310
 Date Collected: 10/09/2002
 Time Collected: 17:50

Date Received: 10/09/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
2-Butanone	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
2-Hexanone	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Acetone	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Benzene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Bromodichloromethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Bromoform	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Bromomethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Carbon Disulfide	4	J	10	UG/L	95-1	11/05/2002	17:33	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Chlorobenzene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Chloroethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Chloroform	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Chloromethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Dibromochloromethane	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Ethylbenzene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Methylene chloride	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Styrene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Tetrachloroethene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Toluene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Total Xylenes	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Trichloroethene	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
Vinyl chloride	ND		10	UG/L	95-1	11/05/2002	17:33	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2,4,5-Trichlorophenol	ND		23	UG/L	95-2	11/08/2002	10:14	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2,4-Dinitrophenol	ND		23	UG/L	95-2	11/08/2002	10:14	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2-Chlorophenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM

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Sample ID: RSS-MWXX-RB
 Lab Sample ID: A2A03310
 Date Collected: 10/09/2002
 Time Collected: 17:50

Date Received: 10/09/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2-Methylphenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
2-Nitroaniline	ND		23	UG/L	95-2	11/08/2002	10:14	PM
2-Nitrophenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	11/08/2002	10:14	PM
3-Nitroaniline	ND		23	UG/L	95-2	11/08/2002	10:14	PM
4,6-Dinitro-2-methylphenol	ND		23	UG/L	95-2	11/08/2002	10:14	PM
4-Bromophenyl phenyl ether	ND		9	UG/L	95-2	11/08/2002	10:14	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
4-Chloroaniline	ND		9	UG/L	95-2	11/08/2002	10:14	PM
4-Chlorophenyl phenyl ether	ND		9	UG/L	95-2	11/08/2002	10:14	PM
4-Methylphenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM
4-Nitroaniline	ND		23	UG/L	95-2	11/08/2002	10:14	PM
4-Nitrophenol	ND		23	UG/L	95-2	11/08/2002	10:14	PM
Acenaphthene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Acenaphthylene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Anthracene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Benzo(ghi)perylene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Bis(2-chloroethoxy) methane	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Bis(2-chloroethyl) ether	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Bis(2-ethylhexyl) phthalate	1	BJ	9	UG/L	95-2	11/08/2002	10:14	PM
Butyl benzyl phthalate	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Carbazole	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Chrysene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Di-n-butyl phthalate	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Di-n-octyl phthalate	0.7	BJ	9	UG/L	95-2	11/08/2002	10:14	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Dibenzofuran	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Diethyl phthalate	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Dimethyl phthalate	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Fluoranthene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Fluorene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Hexachlorobenzene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Hexachloroethane	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Isophorone	ND		9	UG/L	95-2	11/08/2002	10:14	PM
N-Nitroso-Di-n-propylamine	ND		9	UG/L	95-2	11/08/2002	10:14	PM
N-nitrosodiphenylamine	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Naphthalene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Nitrobenzene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Pentachlorophenol	ND		23	UG/L	95-2	11/08/2002	10:14	PM
Phenanthrene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
Phenol	ND		9	UG/L	95-2	11/08/2002	10:14	PM

Sample ID: RSS-MWXX-RB
 ab Sample ID: A2A03310
 Date Collected: 10/09/2002
 Time Collected: 17:50

Date Received: 10/09/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		9	UG/L	95-2	11/08/2002	10:14	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.098	UG/L	95-3	11/12/2002		
4,4'-DDE	ND		0.098	UG/L	95-3	11/12/2002		
4,4'-DDT	ND		0.098	UG/L	95-3	11/12/2002		
Aldrin	ND		0.049	UG/L	95-3	11/12/2002		
alpha-BHC	ND		0.049	UG/L	95-3	11/12/2002		
alpha-Chlordane	ND		0.049	UG/L	95-3	11/12/2002		
Aroclor 1016	ND		0.98	UG/L	95-3	11/12/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	11/12/2002		
Aroclor 1232	ND		0.98	UG/L	95-3	11/12/2002		
Aroclor 1242	ND		0.98	UG/L	95-3	11/12/2002		
Aroclor 1248	ND		0.98	UG/L	95-3	11/12/2002		
Aroclor 1254	ND		0.98	UG/L	95-3	11/12/2002		
Aroclor 1260	ND		0.98	UG/L	95-3	11/12/2002		
beta-BHC	ND		0.049	UG/L	95-3	11/12/2002		
delta-BHC	ND		0.049	UG/L	95-3	11/12/2002		
Dieldrin	ND		0.098	UG/L	95-3	11/12/2002		
Endosulfan I	ND		0.049	UG/L	95-3	11/12/2002		
Endosulfan II	ND		0.098	UG/L	95-3	11/12/2002		
Endosulfan Sulfate	ND		0.098	UG/L	95-3	11/12/2002		
Endrin	ND		0.098	UG/L	95-3	11/12/2002		
Endrin aldehyde	ND		0.098	UG/L	95-3	11/12/2002		
Endrin ketone	ND		0.098	UG/L	95-3	11/12/2002		
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	11/12/2002		
gamma-Chlordane	ND		0.049	UG/L	95-3	11/12/2002		
Heptachlor	ND		0.049	UG/L	95-3	11/12/2002		
Heptachlor epoxide	ND		0.049	UG/L	95-3	11/12/2002		
Methoxychlor	ND		0.49	UG/L	95-3	11/12/2002		
Toxaphene	ND		4.9	UG/L	95-3	11/12/2002		
Metals Analysis								
Aluminum - Soluble	35.2	B	32.5	UG/L	CLP-M	10/16/2002	15:24	
Antimony - Soluble	ND		5.4	UG/L	CLP-M	10/16/2002	15:24	
Arsenic - Soluble	ND		4.0	UG/L	CLP-M	10/16/2002	15:24	
Barium - Soluble	8.6	B	0.20	UG/L	CLP-M	10/16/2002	15:24	
Beryllium - Soluble	ND		0.20	UG/L	CLP-M	10/16/2002	15:24	
Cadmium - Soluble	ND		0.30	UG/L	CLP-M	10/16/2002	15:24	
Calcium - Soluble	151	B	39.4	UG/L	CLP-M	10/16/2002	15:24	
Chromium - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	15:24	
Cobalt - Soluble	0.52	B	0.50	UG/L	CLP-M	10/16/2002	15:24	
Copper - Soluble	ND		0.60	UG/L	CLP-M	10/16/2002	15:24	
Iron - Soluble	ND		13.9	UG/L	CLP-M	10/16/2002	15:24	
Lead - Soluble	ND		2.3	UG/L	CLP-M	10/16/2002	15:24	
Magnesium - Soluble	37.5	B	10.9	UG/L	CLP-M	10/16/2002	15:24	
Manganese - Soluble	0.81	B	0.10	UG/L	CLP-M	10/16/2002	15:24	
Mercury - Soluble	ND		0.035	UG/L	CLP-M	10/16/2002	14:24	
Nickel - Soluble	1.0	B	1.0	UG/L	CLP-M	10/16/2002	15:24	

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Sample ID: RSS-MWXX-RB
Lab Sample ID: A2A03310
Date Collected: 10/09/2002
Time Collected: 17:50

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Potassium - Soluble	ND		20.6	UG/L	CLP-M	10/16/2002	15:24
Selenium - Soluble	ND		4.0	UG/L	CLP-M	10/16/2002	15:24
Silver - Soluble	ND		0.50	UG/L	CLP-M	10/16/2002	15:24
Sodium - Soluble	1550	B	258	UG/L	CLP-M	10/16/2002	15:24
Thallium - Soluble	ND		3.9	UG/L	CLP-M	10/16/2002	15:24
Vanadium - Soluble	ND		0.70	UG/L	CLP-M	10/16/2002	15:24
Zinc - Soluble	ND		4.1	UG/L	CLP-M	10/16/2002	15:24
Wet Chemistry Analysis							
Cyanide - Total	ND		0.010	MG/L	CLP-WC	10/19/2002	09:05 NAP

Date: 11/07/2002
Time: 14:08:11

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Sample ID: RSS-TB02
b Sample ID: A2A01809
Date Collected: 10/08/2002
Time Collected:

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Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
2-Butanone	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
2-Hexanone	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Acetone	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Benzene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Bromoform	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Bromomethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Chloroethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Chloroform	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Chloromethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Methylene chloride	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Styrene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Toluene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Total Xylenes	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Trichloroethene	ND		10	UG/L	95-1	10/15/2002	17:28	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/15/2002	17:28	DGP

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Sample ID: RSS-TRIP01-TB
Lab Sample ID: A2991803
Date Collected: 10/07/2002
Time Collected: 08:50

Date Received: 10/07/2002
Project No: NY2AB931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - AQUEOUS-ASP 95 - VOLATILES							
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
2-Butanone	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
2-Hexanone	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Acetone	2	BJ	10	UG/L	95-1	10/10/2002 14:00	DGP
Benzene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Bromoform	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Bromomethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Chloroethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Chloroform	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Chloromethane	2	BJ	10	UG/L	95-1	10/10/2002 14:00	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Methylene chloride	2	BJ	10	UG/L	95-1	10/10/2002 14:00	DGP
Styrene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Toluene	3	BJ	10	UG/L	95-1	10/10/2002 14:00	DGP
Total Xylenes	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Trichloroethene	ND		10	UG/L	95-1	10/10/2002 14:00	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/10/2002 14:00	DGP

Date: 11/07/2002
Time: 14:08:11

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Sample ID: RSS-TRIP04-TB
b Sample ID: A2A15217
Date Collected: 10/11/2002
Time Collected: 15:30

Date Received: 10/11/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
2-Butanone	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
2-Hexanone	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Acetone	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Benzene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Bromodichloromethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Bromoform	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Bromomethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Carbon Disulfide	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Chlorobenzene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Chloroethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Chloroform	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Chloromethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Dibromochloromethane	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Ethylbenzene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Methylene chloride	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Styrene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Tetrachloroethene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Toluene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Total Xylenes	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Trichloroethene	ND		10	UG/L	95-1	10/16/2002	12:46	DGP
Vinyl chloride	ND		10	UG/L	95-1	10/16/2002	12:46	DGP

Date: 11/07/2002
Time: 14:08:11

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Sample ID: RSS-TRIPO3-TB
Lab Sample ID: A2A03309
Date Collected: 10/09/2002
Time Collected: :

Date Received: 10/09/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,1,2-Trichloroethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,1-Dichloroethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,1-Dichloroethene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,2-Dichloroethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
1,2-Dichloropropane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
2-Butanone	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
2-Hexanone	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
4-Methyl-2-pentanone	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Acetone	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Benzene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Bromodichloromethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Bromoform	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Bromomethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Carbon Disulfide	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Carbon Tetrachloride	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Chlorobenzene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Chloroethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Chloroform	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Chloromethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Dibromochloromethane	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Ethylbenzene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Methylene chloride	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Styrene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Tetrachloroethene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Toluene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Total Xylenes	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	
Trichloroethene	1	BJ	10	UG/L	95-1	10/17/2002 21:39	DGP	
Vinyl chloride	ND		10	UG/L	95-1	10/17/2002 21:39	DGP	

ANALYTICAL REPORT

Job#: A02-8766, A02-8773, A02-8869, A02-8870, A02-8921, A02-8922, A02-9119, A02-9120, A02-9126

STL Project#: NY2A8931

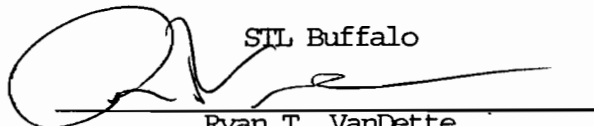
SDG#: 8766

Site Name: TVGA - ROBLIN STEEL SITE

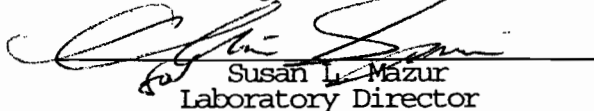
Tasks: Roblin Steel Site SI/RAR - Soil Probes/Test Pits
Roblin Steel Site SI/RAR - Surface Soil/Fill

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager



Susan L. Mazur
Laboratory Director

11/07/2002

This report contains 15 pages which are individually numbered.

Severn Trent Laboratories, Inc.

STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228

Tel 716 691 2600 Fax 716 691 7991 • www.stlinc.com

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED		RECEIVED	
		DATE	TIME	DATE	TIME
A2892201	RSS-SP02-D46-S-O	09/10/2002	10:30	09/10/2002	19:20
A2892202	RSS-SP05-D24-S-O	09/10/2002	13:15	09/10/2002	19:20
A2912001	RSS-SP20-D23-S-O	09/11/2002	10:50	09/12/2002	20:30
A2912002	RSS-SP23-D34-S-O	09/11/2002	13:30	09/12/2002	20:30
A2912003	RSS-SP29-D46-S-O	09/12/2002	09:50	09/12/2002	20:30
A2912004	RSS-SP32-D35-S-O	09/12/2002	11:25	09/12/2002	20:30
A2912005	RSS-SP36-D24-S-O	09/12/2002	13:45	09/12/2002	20:30
A2912006	RSS-SP37-D24-S-O	09/12/2002	14:15	09/12/2002	20:30
A2912007	RSS-SP39-D1416-S-O	09/12/2002	15:05	09/12/2002	20:30
A2912008	RSS-SPXX-RB	09/12/2002	14:15	09/12/2002	20:30
A2877301	RSS-SS01-S-O	09/03/2002	15:50	09/04/2002	20:05
A2877302	RSS-SS02-S-O	09/03/2002	16:20	09/04/2002	20:05
A2887001	RSS-SS03-S-O	09/05/2002	16:40	09/06/2002	20:00
A2887002	RSS-SS04-S-O	09/05/2002	14:15	09/06/2002	20:00
A2887003	RSS-SS05-S-O	09/05/2002	16:15	09/06/2002	20:00
A2887004	RSS-SS06-S-O	09/05/2002	16:55	09/06/2002	20:00
A2892101	RSS-SS07-S-O	09/09/2002	11:35	09/10/2002	19:20
A2892102	RSS-SS08-S-O	09/09/2002	16:10	09/10/2002	19:20
A2892103	RSS-SS09-S-O	09/09/2002	17:00	09/10/2002	19:20
A2892104	RSS-SS10-S-O	09/09/2002	18:35	09/10/2002	19:20
A2911901	RSS-SS11-S-O	09/11/2002	17:40	09/13/2002	20:30
A2911902	RSS-SS12-S-O	09/11/2002	18:05	09/13/2002	20:30
A2911903	RSS-SS13-S-O	09/11/2002	18:30	09/13/2002	20:30
A2912601	RSS-SS14-S-O	09/13/2002	08:05	09/13/2002	19:30
A2912602	RSS-SS15-S-O	09/13/2002	08:45	09/13/2002	19:30
A2912603	RSS-SS16-S-O	09/13/2002	09:10	09/13/2002	19:30
A2912604	RSS-SS17-S-O	09/13/2002	09:55	09/13/2002	19:30
A2912605	RSS-SS18-S-O	09/13/2002	12:15	09/13/2002	19:30
A2876601	RSS-TP01-D24-S-O	09/03/2002	12:50	09/04/2002	20:05
A2876602	RSS-TP02-D36-S-O	09/03/2002	14:25	09/04/2002	20:05
A2876603	RSS-TP11-D24-S-O	09/04/2002	15:05	09/04/2002	20:05
A2886901	RSS-TP26-D24-S-O	09/05/2002	13:20	09/06/2002	20:00
A2886902	RSS-TP27-D46-S-O	09/05/2002	13:50	09/06/2002	20:00
A2886903MS	RSS-TP32-D46-S-MS	09/05/2002	11:35	09/06/2002	20:00
A2886903SD	RSS-TP32-D46-S-MSD	09/05/2002	11:35	09/06/2002	20:00
A2886903	RSS-TP32-D46-S-O	09/05/2002	11:35	09/06/2002	20:00
A2886905	RSS-TP33-D46-S-O	09/05/2002	12:30	09/06/2002	20:00

METHODS SUMMARY

Job#: A02-8766,A02-8773,A02-8869,A02-8870,A02-8921,A02-8922,A02-9119,A02-9120,A02-9126STL Project#: NY2A8931SDG#: 8766Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
TVGA - ASP 95 - VOLATILES - S	ASP95 95-1
TVGA - ASP 95 - VOLATILES - W	ASP95 95-1
TVGA - ASP 95 - SEMIVOLATILES - S	ASP95 95-2
TVGA - ASP 95 - SEMIVOLATILES - W	ASP95 95-2
TVGA - ASP 95 - PESTICIDES/AROCLORS - S	ASP95 95-3
TVGA - ASP 95 - PESTICIDES/AROCLORS - W	ASP95 95-3
Aluminum - Total	ASP95 CLP-M
Antimony - Total	ASP95 CLP-M
Arsenic - Total	ASP95 CLP-M
Barium - Total	ASP95 CLP-M
Beryllium - Total	ASP95 CLP-M
Cadmium - Total	ASP95 CLP-M
Calcium - Total	ASP95 CLP-M
Chromium - Total	ASP95 CLP-M
Cobalt - Total	ASP95 CLP-M
Copper - Total	ASP95 CLP-M
Iron - Total	ASP95 CLP-M
Lead - Total	ASP95 CLP-M
Magnesium - Total	ASP95 CLP-M
Manganese - Total	ASP95 CLP-M
Mercury - Total	ASP95 CLP-M
Nickel - Total	ASP95 CLP-M
Potassium - Total	ASP95 CLP-M
Selenium - Total	ASP95 CLP-M
Silver - Total	ASP95 CLP-M
Sodium - Total	ASP95 CLP-M
Thallium - Total	ASP95 CLP-M
Vanadium - Total	ASP95 CLP-M
Zinc - Total	ASP95 CLP-M
Cyanide - Total	ASP95 CLP-WC
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
September 1995

NON-CONFORMANCE SUMMARY

Job#: A02-8766,A02-8773,A02-8869,A02-8870,A02-8921,A02-8922,A02-9119,A02-9120,A02-9126

STL Project#: NY2A8931

SDG#: 8766

Site Name: TVGA - ROBLIN STEEL SITE

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A02-8766

Sample Cooler(s) were received at the following temperature(s); 6 °C
All samples were received in good condition.

A02-8773

Sample Cooler(s) were received at the following temperature(s); 6 °C
All samples were received in good condition.

A02-8869

Sample Cooler(s) were received at the following temperature(s); 6 °C
All samples were received in good condition.

A02-8870

Sample Cooler(s) were received at the following temperature(s); 6 °C
All samples were received in good condition.

A02-8921

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A02-8922

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A02-9119

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A02-9120

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A02-9126

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Methylene Chloride was detected in Method Blanks VBLK16, VBLK18, VBLK19 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

All water samples were preserved to a PH less than 2.

Continuing calibration standard curve A2C0004544-1 exhibited the %D of 1,1-Dichloroethene as above quality control limits. ASP protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

The analyte Acetone was detected in the Volatile Holding Blank (VHB) A2886904 at a level below the project established reporting limit. No corrective action is necessary for any values in blanks that are below the requested reporting limits.

The recovery of the surrogate p-Bromofluorobenzene in sample RSS-SP05-D24-S-O exceeded quality control limits. Due to sample matrix this sample was reanalyzed at a dilution. Sample RSS-SP05-D24-S-O DL exhibited similar surrogate recovery results, thus indicating a potential matrix effect.

The analytes Acetone and Methylene Chloride were detected in the Volatile Holding Blank (VHB) A2912009 at a level below the project established reporting limit. No corrective action is necessary for any values in blanks that are below the requested reporting limits.

The analytes Acetone, Bromomethane, and Methylene Chloride were detected in Method Blank VBLK20 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Acetone, and Methylene Chloride were detected in the Method Blank VBLK23 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

GC/MS Semivolatile Data

A significant portion of the Method Blank A2B0888003 and a small portion of the Matrix Spike Blank A2B0888001 was lost during GPC cleanup resulting in low surrogate recovery in the blank and low spike recoveries for 1,2,4-Trichlorobenzene and N-Nitrosodi-n-propylamine in the Matrix Spike Blank. The Matrix Spike Blank Duplicate and samples were not affected. Since the samples would be outside of hold and had compliant surrogate recoveries, no corrective action was performed.

The relative percent difference between the Matrix Spike Blank A2B0888001 and the Matrix Spike Blank Duplicate A2B0888002 exceeded quality control criteria for several analytes due to the loss of a portion of the Matrix Spike Blank. However, all individual recoveries in the Matrix Spike Blank Duplicate were compliant.

The analyte Di-n-butyl phthalate was detected in the Method Blank A2B0862503 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Bis(2-ethylhexyl)phthalate was detected in the Method Blank A2B0941203 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Di-n-butyl phthalate and Bis(2-ethylhexyl)phthalate were detected in the Method Blank A2B0876702 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Bis(2-ethylhexyl)phthalate was detected in the Method Blank A2B0936303 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

Spiking compounds 2,4-Dinitrotoluene, 4-Chloro-3-methylphenol, 4-Nitrophenol and Pentachlorophenol in the Matrix Spike Blank A2B0862501 and 2,4-Dinitrotoluene in the Matrix Spike Blank Duplicate A2B0862502 were above the method defined quality control limits. Since the results were biased high and the analytes were not detected in the samples, no corrective action was required.

The relative percent difference between the Matrix Spike Blank A2B0862501 and the Matrix Spike Blank Duplicate A2B0862502 exceeded quality control criteria for 1,2,4-Trichlorobenzene and 1,4-Dichlorobenzene. However, all individual recoveries were compliant.

Spiking compounds 2,4-Dinitrotoluene, 4-Chloro-3-methylphenol and 4-Nitrophenol were above the method defined quality control limits in the Matrix Spike Blank A2B0876701. Since the results were biased high and the analytes were not detected in the samples, no corrective action was required.

Spiking compounds 1,2,4-Trichlorobenzene and N-Nitrosodi-n-propylamine were below the method defined quality control limits in the Matrix Spike Blank A2B0936301 and the Matrix Spike Blank Duplicate A2B0936302. Those analytes may be biased low in the associated samples.

Spiking compounds 2,4-Dinitrotoluene, 4-Chloro-3-methylphenol and 4-Nitrophenol in the Matrix Spike RSS-TP32-D45-S-MS and 2,4-Dinitrotoluene in the Matrix Spike RSS-TP32-D45-S-MSD were above the method defined quality control limits. Since the results were biased high and the analytes were not detected in the samples, no corrective action was required.

All surrogate and spike recoveries for job A02-9126 were below the method defined quality control limits in all samples, Blanks and Matrix Spikes due to lost extract recovery during GPC cleanup. All samples were re-extracted outside of hold time and re-analyzed with compliant results. All results for the original samples should be considered biased low.

All of the original samples for jobs A02-9119 and A02-9120 were lost during the GPC

cleanup process. All samples were re-extracted outside of hold time and re-analyzed with compliant results.

The surrogate recoveries for samples RSS-SS16-S-0 DL, RSS-SS16-S-0 RE, RSS-SS17-S-0 DL, RSS-SS17-S-0 RE AND RSS-SS17-S-0 REDL were diluted out.

The surrogate recoveries for 2-Fluorophenol, 2,4,6-Tribromophenol, Phenol-d5 and 2-Chlorophenol-d5 were below the method defined quality control limits for sample RSS-SP36-DF24-S-0 due to sample matrix/dilution effect. All analytes associated with those surrogates may be biased low.

GC Extractable Data

For CLP Pesticide/PCB analysis, all soil samples for STL jobs A02-8766 and A02-8869, RSS-TP01-D24-S-0, RSS-TP02-D36-S-0, and RSS-TP11-D24-S-0 were reprep'd out of holding time due to the sample extract being lost during final cleanup. Both the original and reprep'd data is reported. The associated soil Matrix Spike Blank and Matrix Spike Blank Duplicate (MSB15/MSBD15) for the reprep'd samples have low recoveries for gamma-BHC, Endrin, and Dieldrin, the results for these compounds should be considered estimated for the associated reprep'd samples.

The associated soil Matrix Spike Blank for samples RSS-SS14-S-0, RSS-SS15-S-0, RSS-SS16-S-0, RSS-SS17-S-0, and RSS-SS18-S-0 have low recoveries for gamma-BHC, Endrin, and Dieldrin. The results for these compounds should be considered estimated for these samples.

Many samples exhibited heavy matrix interferences and required dilutions. Several of the recoveries for surrogate Decachlorobiphenyl are skewed high due to these interferences, though surrogate Tetrachloro-m-xylene recoveries are compliant in all of these instances.

The surrogate recoveries are diluted out of soil samples RSS-SP20-D23-S-0, RSS-SP36-D24-S-0, RSS-SS11-S-0, RSS-SS12-S-0, RSS-SS13-S-0, RSS-SS17-S-0, and RSS-TP02-D36-S-0.

Metals Data

The recovery of Antimony fell below the QC limits in sample RSS-TP32-D46-S Matrix Spike and Matrix Spike Duplicate. The recovery of Chromium fell above the QC limits in sample RSS-TP32-D46-S Matrix Spike and Matrix Spike Duplicate. The LCS was acceptable.

The recovery of Manganese and Zinc fell above the QC limits in sample RSS-TP32-D46-S Matrix Spike and Matrix Spike Duplicate. The sample results were more than four times greater than the spike added, therefore, no qualifiers are needed. The LCS was acceptable.

The recovery of Antimony and Nickel fell below the QC limits in sample RSS-SS06-S-0 Matrix Spike. The LCS was acceptable.

The recovery of Chromium, Lead, and Zinc fell below the QC limits in sample RSS-SS06-S-0 Matrix Spike. The recovery of Manganese fell above the QC limits in sample RSS-SS06-S-0 Matrix Spike. The sample results were more than four times greater than the spike added, therefore, no qualifiers are needed. The LCS was acceptable.

The CCB's were high for Aluminum, however, the LCS and Method Blank associated with the CCB's were compliant and no other samples are associated. No corrective action is necessary.

CCV5, run on 9/20/02, was high for Calcium, Iron, Manganese and Zinc. The samples were bracketed by compliant CCV's, therefore no corrective action was taken.

CCV1, run on 10/2/02, was high for Selenium and Zinc. The samples were bracketed by compliant CCV's, therefore no corrective action was taken.

Wet Chemistry Data

The LCS for the Cyanide method was above control limits. Per US EPA CLP National Functional Guidelines for Data Review, all positive sample results for this analyte should be considered estimated and biased high.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
RSS-TP01-D24-S-O	A2876601	95-2	5.00	012
RSS-TP01-D24-S-O	A2876601	95-3	5.00	002
RSS-TP01-D24-S-ORE	A2876601RE	95-3	5.00	002
RSS-TP02-D36-S-O	A2876602	95-2	10.00	008
RSS-TP02-D36-S-O	A2876602	95-3	10.00	002
RSS-TP02-D36-S-ORE	A2876602RE	95-3	10.00	002
RSS-TP11-D24-S-O	A2876603	Iron - Total	100.00	008
RSS-TP11-D24-S-O	A2876603	Manganese - Total	5.00	008
RSS-SS01-S-O	A2877301	Calcium - Total	10.00	008
RSS-SS01-S-O	A2877301	Iron - Total	100.00	008
RSS-SS01-S-O	A2877301	Manganese - Total	5.00	008
RSS-SS01-S-O	A2877301	Zinc - Total	5.00	008
RSS-SS02-S-O	A2877302	Iron - Total	100.00	008
RSS-SS02-S-O	A2877302	Manganese - Total	5.00	008
RSS-SS02-S-O	A2877302	Zinc - Total	5.00	008
RSS-TP26-D24-S-O	A2886901	95-2	5.00	008
RSS-TP26-D24-S-O	A2886901	95-3	10.00	002
RSS-TP26-D24-S-ORE	A2886901RE	95-3	4.00	002
RSS-SS03-S-O	A2887001	Calcium - Total	10.00	008
RSS-SS03-S-O	A2887001	Iron - Total	100.00	008
RSS-SS03-S-O	A2887001	Manganese - Total	10.00	008
RSS-SS03-S-O	A2887001	Zinc - Total	10.00	008
RSS-SS04-S-O	A2887002	Calcium - Total	10.00	008
RSS-SS04-S-O	A2887002	Iron - Total	100.00	008
RSS-SS04-S-O	A2887002	Lead - Total	10.00	008
RSS-SS04-S-O	A2887002	Manganese - Total	100.00	008
RSS-SS04-S-O	A2887002	Zinc - Total	500.00	008
RSS-SS05-S-O	A2887003	Calcium - Total	10.00	008
RSS-SS05-S-O	A2887003	Manganese - Total	5.00	008
RSS-SS05-S-O	A2887003	Zinc - Total	10.00	008
RSS-SS06-S-O	A2887004	Calcium - Total	10.00	008
RSS-SS06-S-O	A2887004	Iron - Total	10.00	008
RSS-SS06-S-O	A2887004	Manganese - Total	10.00	008
RSS-SS06-S-O	A2887004	Zinc - Total	50.00	008
RSS-SS06-S-O	A2887004MD	Calcium - Total	10.00	008
RSS-SS06-S-O	A2887004MD	Iron - Total	10.00	008
RSS-SS06-S-O	A2887004MD	Manganese - Total	10.00	008
RSS-SS06-S-O	A2887004MD	Zinc - Total	50.00	008
RSS-SS06-S-O	A2887004MS	Manganese - Total	10.00	008
RSS-SS06-S-O	A2887004MS	Zinc - Total	50.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
RSS-SS07-S-0	A2892101	Calcium - Total	10.00	008
RSS-SS07-S-0	A2892101	Iron - Total	10.00	008
RSS-SS07-S-0	A2892101	Manganese - Total	10.00	008
RSS-SS07-S-0	A2892101	Zinc - Total	10.00	008
RSS-SS08-S-0	A2892102	Zinc - Total	5.00	008
RSS-SS09-S-0	A2892103	Iron - Total	10.00	008
RSS-SS09-S-0	A2892103	Manganese - Total	10.00	008
RSS-SS09-S-0	A2892103	Zinc - Total	50.00	008
RSS-SS10-S-0	A2892104	Calcium - Total	10.00	008
RSS-SS10-S-0	A2892104	Manganese - Total	10.00	008
RSS-SS10-S-0	A2892104	Zinc - Total	10.00	008
RSS-SP02-D46-S-0	A2892201	95-2	5.00	002
RSS-SP05-D24-S-0	A2892202	95-2	10.00	008
RSS-SS11-S-0	A2911901	95-3	10.00	002
RSS-SS11-S-0	A2911901	Calcium - Total	10.00	008
RSS-SS11-S-0	A2911901	Iron - Total	10.00	008
RSS-SS11-S-0	A2911901	Manganese - Total	10.00	008
RSS-SS11-S-0	A2911901	Zinc - Total	10.00	008
RSS-SS11-S-0	A2911901RE	95-2	10.00	008
RSS-SS12-S-0	A2911902	95-3	10.00	002
RSS-SS12-S-0	A2911902	Calcium - Total	10.00	008
RSS-SS12-S-0	A2911902	Iron - Total	10.00	008
RSS-SS12-S-0	A2911902	Manganese - Total	10.00	008
RSS-SS12-S-0	A2911902	Zinc - Total	100.00	008
RSS-SS12-S-0 REDL	A2911902DR	95-2	20.00	008
RSS-SS12-S-0	A2911902RE	95-2	5.00	008
RSS-SS13-S-0	A2911903	95-3	10.00	002
RSS-SS13-S-0	A2911903	Iron - Total	10.00	008
RSS-SS13-S-0	A2911903	Manganese - Total	10.00	008
RSS-SS13-S-0	A2911903	Zinc - Total	10.00	008
RSS-SP20-D23-S-0	A2912001	95-3	10.00	002
RSS-SP20-D23-S-0	A2912001RE	95-2	5.00	008
RSS-SP29-D46-S-0	A2912003RE	95-2	5.00	008
RSS-SP36-D24-S-0	A2912005	95-3	10.00	002
RSS-SP36-D24-S-0	A2912005	Barium - Total	10.00	008
RSS-SP36-D24-S-0	A2912005	Calcium - Total	10.00	008
RSS-SP36-D24-S-0	A2912005	Iron - Total	10.00	008
RSS-SP36-D24-S-0	A2912005	Manganese - Total	10.00	008
RSS-SP36-D24-S-0	A2912005	Zinc - Total	5.00	008
RSS-SP36-D24-S-0	A2912005RE	95-2	10.00	008

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- 010 - sample color
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- 012 - sample viscosity
- 013 - other

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
RSS-SS14-S-0	A2912601	Zinc - Total	5.00	008
RSS-SS14-S-0	A2912601RE	95-2	5.00	012
RSS-SS15-S-0	A2912602	95-2	5.00	008
RSS-SS15-S-0	A2912602	Calcium - Total	10.00	008
RSS-SS15-S-0	A2912602	Iron - Total	10.00	008
RSS-SS15-S-0	A2912602	Manganese - Total	10.00	008
RSS-SS15-S-0	A2912602	Zinc - Total	200.00	008
RSS-SS15-S-0 DL	A2912602DL	95-2	10.00	008
RSS-SS15-S-0	A2912602MS	95-2	5.00	008
RSS-SS15-S-0	A2912602RE	95-2	10.00	008
RSS-SS15-S-0	A2912602SD	95-2	5.00	008
RSS-SS16-S-0	A2912603	95-2	10.00	008
RSS-SS16-S-0	A2912603	95-3	4.00	002
RSS-SS16-S-0	A2912603	Calcium - Total	20.00	008
RSS-SS16-S-0	A2912603	Iron - Total	20.00	008
RSS-SS16-S-0	A2912603	Manganese - Total	20.00	008
RSS-SS16-S-0	A2912603	Zinc - Total	20.00	008
RSS-SS16-S-0 DL	A2912603DL	95-2	100.00	008
RSS-SS16-S-0	A2912603RE	95-2	100.00	008
RSS-SS17-S-0	A2912604	95-2	10.00	008
RSS-SS17-S-0	A2912604	95-3	10.00	002
RSS-SS17-S-0	A2912604	Barium - Total	10.00	008
RSS-SS17-S-0	A2912604	Calcium - Total	10.00	008
RSS-SS17-S-0	A2912604	Iron - Total	10.00	008
RSS-SS17-S-0	A2912604	Manganese - Total	10.00	008
RSS-SS17-S-0	A2912604	Zinc - Total	50.00	008
RSS-SS17-S-0 DL	A2912604DL	95-2	40.00	008
RSS-SS17-S-0 REDL	A2912604DR	95-2	200.00	008
RSS-SS17-S-0	A2912604RE	95-2	40.00	008
RSS-SS18-S-0	A2912605	95-2	5.00	012
RSS-SS18-S-0	A2912605	Barium - Total	10.00	008
RSS-SS18-S-0	A2912605	Calcium - Total	10.00	008
RSS-SS18-S-0	A2912605	Iron - Total	10.00	008
RSS-SS18-S-0	A2912605	Manganese - Total	10.00	008
RSS-SS18-S-0	A2912605	Zinc - Total	10.00	008
RSS-SS18-S-0	A2912605RE	95-2	5.00	012

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- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Sample ID: RSS-SP02-D46-S-0
 b Sample ID: A2892201
 Date Collected: 09/10/2002
 Time Collected: 10:30

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
2-Butanone	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Acetone	20		12	UG/KG	95-1	09/11/2002	17:44	DGP
Benzene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Bromoform	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Bromomethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Chloroethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Chloroform	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Chloromethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Methylene chloride	10	BJ	12	UG/KG	95-1	09/11/2002	17:44	DGP
Styrene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Toluene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/11/2002	17:44	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
1,2-Dichlorobenzene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
1,3-Dichlorobenzene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
1,4-Dichlorobenzene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2,2'-Oxybis(1-Chloropropane)	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2,4,5-Trichlorophenol	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
2,4,6-Trichlorophenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2,4-Dichlorophenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2,4-Dimethylphenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2,4-Dinitrophenol	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
2,4-Dinitrotoluene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2,6-Dinitrotoluene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2-Chloronaphthalene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2-Chlorophenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM

Sample ID: RSS-SP02-D46-S-0
 Lab Sample ID: A2892201
 Date Collected: 09/10/2002
 Time Collected: 10:30

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2-Methylphenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
2-Nitroaniline	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
2-Nitrophenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
3,3'-Dichlorobenzidine	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
3-Nitroaniline	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
4,6-Dinitro-2-methylphenol	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
4-Bromophenyl phenyl ether	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
4-Chloro-3-methylphenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
4-Chloroaniline	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
4-Chlorophenyl phenyl ether	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
4-Methylphenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
4-Nitroaniline	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
4-Nitrophenol	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
Acenaphthene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Acenaphthylene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Anthracene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Benzo(a)anthracene	130	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Benzo(a)pyrene	90	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Benzo(b)fluoranthene	130	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Benzo(ghi)perylene	91	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Benzo(k)fluoranthene	69	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Bis(2-chloroethoxy) methane	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Bis(2-chloroethyl) ether	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Bis(2-ethylhexyl) phthalate	120	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Butyl benzyl phthalate	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Carbazole	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Chrysene	180	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Di-n-butyl phthalate	49	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Di-n-octyl phthalate	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Dibenzo(a,h)anthracene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Dibenzofuran	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Diethyl phthalate	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Dimethyl phthalate	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Fluoranthene	240	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Fluorene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Hexachlorobenzene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Hexachlorobutadiene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Hexachlorocyclopentadiene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Hexachloroethane	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Indeno(1,2,3-cd)pyrene	57	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Isophorone	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
N-Nitroso-Di-n-propylamine	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
N-nitrosodiphenylamine	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Naphthalene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Nitrobenzene	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM
Pentachlorophenol	ND		4700	UG/KG	95-2	09/25/2002	03:41	PM
Phenanthrene	150	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
Phenol	ND		1900	UG/KG	95-2	09/25/2002	03:41	PM

Sample ID: RSS-SP02-D46-S-0
 Lab Sample ID: A2892201
 Date Collected: 09/10/2002
 Time Collected: 10:30

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	300	J	1900	UG/KG	95-2	09/25/2002	03:41	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.8	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		3.8	UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		3.8	UG/KG	95-3	10/21/2002		
Aldrin	ND		1.9	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		76	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		38	UG/KG	95-3	10/21/2002		
beta-BHC	ND		1.9	UG/KG	95-3	10/21/2002		
delta-BHC	ND		1.9	UG/KG	95-3	10/21/2002		
Dieldrin	ND		3.8	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		3.8	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	3.5	J	3.8	UG/KG	95-3	10/21/2002		
Endrin	ND		3.8	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		3.8	UG/KG	95-3	10/21/2002		
Endrin ketone	2.7	JP	3.8	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		1.9	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/21/2002		
Heptachlor	ND		1.9	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/21/2002		
Methoxychlor	11	JP	19	UG/KG	95-3	10/21/2002		
Toxaphene	ND		190	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	9150	E	3.8	MG/KG	CLP-M	09/19/2002	08:44	
Antimony - Total	0.66	BN	0.63	MG/KG	CLP-M	09/19/2002	08:44	
Arsenic - Total	5.4		0.47	MG/KG	CLP-M	09/19/2002	08:44	
Barium - Total	86.1	E	0.02	MG/KG	CLP-M	09/19/2002	08:44	
Beryllium - Total	0.40	B	0.02	MG/KG	CLP-M	09/19/2002	08:44	
Cadmium - Total	0.34	B	0.04	MG/KG	CLP-M	09/19/2002	08:44	
Calcium - Total	36500	E	4.6	MG/KG	CLP-M	09/19/2002	08:44	
Chromium - Total	16.1	EN	0.07	MG/KG	CLP-M	09/19/2002	08:44	
Cobalt - Total	7.1	E	0.06	MG/KG	CLP-M	09/19/2002	08:44	
Copper - Total	22.8	E	0.07	MG/KG	CLP-M	09/19/2002	08:44	
Iron - Total	18000	E	1.6	MG/KG	CLP-M	09/19/2002	08:44	
Lead - Total	28.4	E	0.27	MG/KG	CLP-M	09/19/2002	08:44	
Magnesium - Total	7010	E	1.3	MG/KG	CLP-M	09/19/2002	08:44	
Manganese - Total	363	E	0.01	MG/KG	CLP-M	09/19/2002	08:44	
Mercury - Total	ND	*	0.006	MG/KG	CLP-M	09/16/2002	22:21	
Nickel - Total	22.0	E	0.12	MG/KG	CLP-M	09/19/2002	08:44	

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Lab Sample ID: A2892201
Date Collected: 09/10/2002
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Date Received: 09/10/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	1350	E	2.4	MG/KG	CLP-M	09/19/2002	08:44	
Selenium - Total	1.3		0.47	MG/KG	CLP-M	09/19/2002	08:44	
Silver - Total	ND		0.06	MG/KG	CLP-M	09/19/2002	08:44	
Sodium - Total	172	B	30.2	MG/KG	CLP-M	09/19/2002	08:44	
Thallium - Total	ND		0.46	MG/KG	CLP-M	09/19/2002	08:44	
Vanadium - Total	18.4	E	0.08	MG/KG	CLP-M	09/19/2002	08:44	
Zinc - Total	76.9	E	0.48	MG/KG	CLP-M	09/19/2002	08:44	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	7.80		0	S.U.	9045	09/11/2002	15:47	KS

Sample ID: RSS-SP05-D24-S-0
 Lab Sample ID: A2892202
 Date Collected: 09/10/2002
 Time Collected: 13:15

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
2-Butanone	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Acetone	30		12	UG/KG	95-1	09/11/2002	18:13	DGP
Benzene	31		12	UG/KG	95-1	09/11/2002	18:13	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Bromoform	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Bromomethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Chloroethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Chloroform	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Chloromethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Ethylbenzene	19		12	UG/KG	95-1	09/11/2002	18:13	DGP
Methylene chloride	12	B	12	UG/KG	95-1	09/11/2002	18:13	DGP
Styrene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Toluene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Total Xylenes	68		12	UG/KG	95-1	09/11/2002	18:13	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/11/2002	18:13	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
1,2-Dichlorobenzene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
1,3-Dichlorobenzene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
1,4-Dichlorobenzene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2,2'-Oxybis(1-Chloropropane)	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2,4,5-Trichlorophenol	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
2,4,6-Trichlorophenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2,4-Dichlorophenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2,4-Dimethylphenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2,4-Dinitrophenol	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
2,4-Dinitrotoluene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2,6-Dinitrotoluene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Chloronaphthalene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2-Chlorophenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM

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 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	9900		4100	UG/KG	95-2	09/25/2002	04:16	PM
2-Methylphenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
2-Nitroaniline	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
2-Nitrophenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
3,3'-Dichlorobenzidine	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
3-Nitroaniline	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
4,6-Dinitro-2-methylphenol	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
4-Bromophenyl phenyl ether	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
4-Chloro-3-methylphenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
4-Chloroaniline	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
4-Chlorophenyl phenyl ether	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
4-Methylphenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
4-Nitroaniline	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
4-Nitrophenol	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
Acenaphthene	630	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Acenaphthylene	150	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Anthracene	250	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Benzo(a)anthracene	210	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Benzo(a)pyrene	200	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Benzo(b)fluoranthene	410	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Benzo(ghi)perylene	180	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Benzo(k)fluoranthene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Bis(2-chloroethoxy) methane	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Bis(2-chloroethyl) ether	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Bis(2-ethylhexyl) phthalate	290	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Butyl benzyl phthalate	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Carbazole	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Chrysene	310	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Di-n-butyl phthalate	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Di-n-octyl phthalate	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Dibenzo(a,h)anthracene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Dibenzofuran	430	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Diethyl phthalate	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Dimethyl phthalate	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Fluoranthene	460	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Fluorene	880	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Hexachlorobenzene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Hexachlorobutadiene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Hexachlorocyclopentadiene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Hexachloroethane	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Indeno(1,2,3-cd)pyrene	160	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Isophorone	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
N-Nitroso-Di-n-propylamine	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
N-nitrosodiphenylamine	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Naphthalene	3400	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Nitrobenzene	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM
Pentachlorophenol	ND		9900	UG/KG	95-2	09/25/2002	04:16	PM
Phenanthrene	1800	J	4100	UG/KG	95-2	09/25/2002	04:16	PM
Phenol	ND		4100	UG/KG	95-2	09/25/2002	04:16	PM

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Date Received: 09/10/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	500	J	4100	UG/KG	95-2	09/25/2002 04:16	PM	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.1	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		4.1	UG/KG	95-3	10/21/2002		
4,4'-DDT	2.8	JP	4.1	UG/KG	95-3	10/21/2002		
Aldrin	ND		2.1	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		2.1	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		2.1	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		41	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		83	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		41	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		41	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		41	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		41	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		41	UG/KG	95-3	10/21/2002		
beta-BHC	ND		2.1	UG/KG	95-3	10/21/2002		
delta-BHC	ND		2.1	UG/KG	95-3	10/21/2002		
Dieldrin	2.1	JP	4.1	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		2.1	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		4.1	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		4.1	UG/KG	95-3	10/21/2002		
Endrin	ND		4.1	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		4.1	UG/KG	95-3	10/21/2002		
Endrin ketone	2.9	JP	4.1	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		2.1	UG/KG	95-3	10/21/2002		
Heptachlor	ND		2.1	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		2.1	UG/KG	95-3	10/21/2002		
Methoxychlor	2.4	JP	21	UG/KG	95-3	10/21/2002		
Toxaphene	ND		210	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	10800	E	4.1	MG/KG	CLP-M	09/19/2002 08:49		
Antimony - Total	4.9	BN	0.69	MG/KG	CLP-M	09/19/2002 08:49		
Arsenic - Total	22.5		0.51	MG/KG	CLP-M	09/19/2002 08:49		
Barium - Total	117	E	0.03	MG/KG	CLP-M	09/19/2002 08:49		
Beryllium - Total	1.2		0.03	MG/KG	CLP-M	09/19/2002 08:49		
Cadmium - Total	0.25	B	0.04	MG/KG	CLP-M	09/19/2002 08:49		
Calcium - Total	19200	E	5.0	MG/KG	CLP-M	09/19/2002 08:49		
Chromium - Total	16.4	EN	0.08	MG/KG	CLP-M	09/19/2002 08:49		
Cobalt - Total	7.1	E	0.06	MG/KG	CLP-M	09/19/2002 08:49		
Copper - Total	65.1	E	0.08	MG/KG	CLP-M	09/19/2002 08:49		
Iron - Total	30500	E	1.8	MG/KG	CLP-M	09/19/2002 08:49		
Lead - Total	152	E	0.29	MG/KG	CLP-M	09/19/2002 08:49		
Magnesium - Total	3740	E	1.4	MG/KG	CLP-M	09/19/2002 08:49		
Manganese - Total	872	E	0.01	MG/KG	CLP-M	09/19/2002 08:49		
Mercury - Total	0.126	*	0.006	MG/KG	CLP-M	09/16/2002 22:22		
Nickel - Total	19.2	E	0.13	MG/KG	CLP-M	09/19/2002 08:49		

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Sample ID: RSS-SP05-D24-S-0
Lab Sample ID: A2892202
Date Collected: 09/10/2002
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Project No: NY2A8931
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Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analized		
Metals Analysis								
Potassium - Total	954	E	2.6	MG/KG	CLP-M	09/19/2002	08:49	
Selenium - Total	2.8		0.51	MG/KG	CLP-M	09/19/2002	08:49	
Silver - Total	0.11	B	0.06	MG/KG	CLP-M	09/19/2002	08:49	
Sodium - Total	319	B	32.8	MG/KG	CLP-M	09/19/2002	08:49	
Thallium - Total	ND		0.50	MG/KG	CLP-M	09/19/2002	08:49	
Vanadium - Total	19.3	E	0.09	MG/KG	CLP-M	09/19/2002	08:49	
Zinc - Total	85.3	E	0.52	MG/KG	CLP-M	09/19/2002	08:49	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	7.10		0	S.U.	9045	09/11/2002	15:47	KS

Sample ID: RSS-SP05-D24-S-0 DL
 Sample ID: A2892202DL
 Date Collected: 09/10/2002
 Time Collected: 13:15

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,1,2,2-Tetrachloroethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,1,2-Trichloroethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,1-Dichloroethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,1-Dichloroethene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,2-Dichloroethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,2-Dichloroethene (Total)	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
1,2-Dichloropropane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
2-Butanone	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
2-Hexanone	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
4-Methyl-2-pentanone	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Acetone	54	DJ	60	UG/KG	95-1	09/11/2002	19:44	DGP
Benzene	57	DJ	60	UG/KG	95-1	09/11/2002	19:44	DGP
Bromodichloromethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Bromoform	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Bromomethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Carbon Disulfide	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Carbon Tetrachloride	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Chlorobenzene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Chloroethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Chloroform	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Chloromethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
cis-1,3-Dichloropropene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Dibromochloromethane	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Ethylbenzene	33	DJ	60	UG/KG	95-1	09/11/2002	19:44	DGP
Methylene chloride	63	BD	60	UG/KG	95-1	09/11/2002	19:44	DGP
Styrene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Tetrachloroethene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Toluene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Total Xylenes	120	D	60	UG/KG	95-1	09/11/2002	19:44	DGP
trans-1,3-Dichloropropene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Trichloroethene	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP
Vinyl chloride	ND		60	UG/KG	95-1	09/11/2002	19:44	DGP

Sample ID: RSS-SP20-D23-S-0
 Lab Sample ID: A2912001
 Date Collected: 09/11/2002
 Time Collected: 10:50

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
2-Butanone	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
2-Hexanone	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Acetone	6	J	12	UG/KG	95-1	09/19/2002	02:31	JRW
Benzene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Bromodichloromethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Bromoform	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Bromomethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Carbon Disulfide	2	J	12	UG/KG	95-1	09/19/2002	02:31	JRW
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Chlorobenzene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Chloroethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Chloroform	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Chloromethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Dibromochloromethane	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Ethylbenzene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Methylene chloride	6	BJ	12	UG/KG	95-1	09/19/2002	02:31	JRW
Styrene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Tetrachloroethene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Toluene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Total Xylenes	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Trichloroethene	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
Vinyl chloride	ND		12	UG/KG	95-1	09/19/2002	02:31	JRW
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		41	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		41	UG/KG	95-3	10/21/2002		
4,4'-DDT	25	JP	41	UG/KG	95-3	10/21/2002		
Aldrin	ND		21	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		21	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		21	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		410	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		830	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		410	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		410	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		410	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		410	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		410	UG/KG	95-3	10/21/2002		
beta-BHC	ND		21	UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP20-D23-S-0
 Lab Sample ID: A2912001
 Date Collected: 09/11/2002
 Time Collected: 10:50

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		
			Limit	Units		Analyzed	Analyst	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
delta-BHC	ND		21	UG/KG	95-3	10/21/2002		
Dieldrin	ND		41	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		21	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		41	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		41	UG/KG	95-3	10/21/2002		
Endrin	ND		41	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		41	UG/KG	95-3	10/21/2002		
Endrin ketone	ND		41	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		21	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		21	UG/KG	95-3	10/21/2002		
Heptachlor	ND		21	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		21	UG/KG	95-3	10/21/2002		
Methoxychlor	ND		210	UG/KG	95-3	10/21/2002		
Toxaphene	ND		2100	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	5390	E	4.3	MG/KG	CLP-M	09/25/2002	20:10	
Antimony - Total	1.2	B	0.28	MG/KG	CLP-M	09/25/2002	20:10	
Arsenic - Total	13.9		0.30	MG/KG	CLP-M	09/25/2002	20:10	
Barium - Total	109	E	0.03	MG/KG	CLP-M	09/25/2002	20:10	
Beryllium - Total	0.84		0.04	MG/KG	CLP-M	09/25/2002	20:10	
Cadmium - Total	0.28	B	0.04	MG/KG	CLP-M	09/25/2002	20:10	
Calcium - Total	6080	E	2.6	MG/KG	CLP-M	09/25/2002	20:10	
Chromium - Total	16.7	E	0.08	MG/KG	CLP-M	09/25/2002	20:10	
Cobalt - Total	8.1		0.19	MG/KG	CLP-M	09/25/2002	20:10	
Copper - Total	50.5	E	0.12	MG/KG	CLP-M	09/25/2002	20:10	
Iron - Total	23400	E	1.8	MG/KG	CLP-M	09/25/2002	20:10	
Lead - Total	77.1	E	0.19	MG/KG	CLP-M	09/25/2002	20:10	
Magnesium - Total	1690	E	0.98	MG/KG	CLP-M	09/25/2002	20:10	
Manganese - Total	173	E	0.05	MG/KG	CLP-M	09/25/2002	20:10	
Mercury - Total	0.293	*	0.006	MG/KG	CLP-M	09/16/2002	22:31	
Nickel - Total	40.9	E	0.61	MG/KG	CLP-M	09/25/2002	20:10	
Potassium - Total	677	E	3.8	MG/KG	CLP-M	09/25/2002	20:10	
Selenium - Total	1.3		0.63	MG/KG	CLP-M	09/25/2002	20:10	
Silver - Total	ND		0.12	MG/KG	CLP-M	09/25/2002	20:10	
Sodium - Total	116	B	30.0	MG/KG	CLP-M	09/25/2002	20:10	
Thallium - Total	ND		0.47	MG/KG	CLP-M	09/25/2002	20:10	
Vanadium - Total	21.0	E	0.06	MG/KG	CLP-M	09/25/2002	20:10	
Zinc - Total	180	E	0.35	MG/KG	CLP-M	09/25/2002	20:10	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	6.79		0	S.U.	9045	09/16/2002	17:10	KS

Date: 11/01/2002
 Time: 14:03:38

T V G A Engineering & Surveying, P. C.
 TVGA - Engineering & Surveying, P.C.
 Roblin Steel Site SI/RAR - Soil Probes/Test Pits

000024

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Sample ID: RSS-SP20-D23-S-0
 Lab Sample ID: A2912001RE
 Date Collected: 09/11/2002
 Time Collected: 10:50

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
1,2-Dichlorobenzene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
1,3-Dichlorobenzene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
1,4-Dichlorobenzene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2,2'-Oxybis(1-Chloropropane)	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2,4,5-Trichlorophenol	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
2,4,6-Trichlorophenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2,4-Dichlorophenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2,4-Dimethylphenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2,4-Dinitrophenol	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
2,4-Dinitrotoluene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2,6-Dinitrotoluene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2-Chloronaphthalene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2-Chlorophenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2-Methylnaphthalene	180	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
2-Methylphenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
2-Nitroaniline	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
2-Nitrophenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
3,3'-Dichlorobenzidine	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
3-Nitroaniline	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
4,6-Dinitro-2-methylphenol	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
4-Bromophenyl phenyl ether	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
4-Chloro-3-methylphenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
4-Chloroaniline	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
4-Chlorophenyl phenyl ether	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
4-Methylphenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
4-Nitroaniline	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
4-Nitrophenol	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
Acenaphthene	52	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Acenaphthylene	180	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Anthracene	110	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Benzo(a)anthracene	380	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Benzo(a)pyrene	550	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Benzo(b)fluoranthene	690	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Benzo(ghi)perylene	290	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Benzo(k)fluoranthene	500	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Bis(2-chloroethoxy) methane	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Bis(2-chloroethyl) ether	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Bis(2-ethylhexyl) phthalate	850	BJ	2000	UG/KG	95-2	10/08/2002	18:29	PM
Butyl benzyl phthalate	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Carbazole	71	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Chrysene	520	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Di-n-butyl phthalate	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Di-n-octyl phthalate	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Dibenzo(a,h)anthracene	180	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Dibenzofuran	64	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Diethyl phthalate	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Dimethyl phthalate	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Fluoranthene	620	J	2000	UG/KG	95-2	10/08/2002	18:29	PM

Sample ID: RSS-SP20-D23-S-0
 Lab Sample ID: A2912001RE
 Date Collected: 09/11/2002
 Time Collected: 10:50

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	89	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Hexachlorobenzene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Hexachlorobutadiene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Hexachlorocyclopentadiene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Hexachloroethane	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Indeno(1,2,3-cd)pyrene	390	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Isophorone	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
N-Nitroso-Di-n-propylamine	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
N-nitrosodiphenylamine	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Naphthalene	77	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Nitrobenzene	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Pentachlorophenol	ND		4900	UG/KG	95-2	10/08/2002	18:29	PM
Phenanthrene	330	J	2000	UG/KG	95-2	10/08/2002	18:29	PM
Phenol	ND		2000	UG/KG	95-2	10/08/2002	18:29	PM
Pyrene	580	J	2000	UG/KG	95-2	10/08/2002	18:29	PM

Sample ID: RSS-SP23-D34-S-0
Lab Sample ID: A2912002
Date Collected: 09/11/2002
Time Collected: 13:30

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW									
1,1,1-Trichloroethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,1,2,2-Tetrachloroethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,1,2-Trichloroethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,1-Dichloroethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,1-Dichloroethene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,2-Dichloroethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,2-Dichloroethene (Total)	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
1,2-Dichloropropane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
2-Butanone	6	J	12		UG/KG	95-1	09/19/2002	02:14	JRW
2-Hexanone	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
4-Methyl-2-pentanone	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Acetone	30	B	12		UG/KG	95-1	09/19/2002	02:14	JRW
Benzene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Bromodichloromethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Bromoform	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Bromomethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Carbon Disulfide	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Carbon Tetrachloride	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Chlorobenzene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Chloroethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Chloroform	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Chloromethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
cis-1,3-Dichloropropene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Dibromochloromethane	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Ethylbenzene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Methylene chloride	6	BJ	12		UG/KG	95-1	09/19/2002	02:14	JRW
Styrene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Tetrachloroethene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Toluene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Total Xylenes	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
trans-1,3-Dichloropropene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Trichloroethene	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
Vinyl chloride	ND		12		UG/KG	95-1	09/19/2002	02:14	JRW
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS									
4,4'-DDD	ND		4.3		UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		4.3		UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		4.3		UG/KG	95-3	10/21/2002		
Aldrin	ND		2.2		UG/KG	95-3	10/21/2002		
alpha-BHC	ND		2.2		UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		2.2		UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		43		UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		86		UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		43		UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		43		UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		43		UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		43		UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		43		UG/KG	95-3	10/21/2002		
beta-BHC	ND		2.2		UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP23-D34-S-0
 Sample ID: A2912002
 Collected: 09/11/2002
 Time Collected: 13:30

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		
			Limit	Units		Analyzed	Analyst	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
delta-BHC	ND		2.2	UG/KG	95-3	10/21/2002		
Dieldrin	ND		4.3	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		2.2	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		4.3	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		4.3	UG/KG	95-3	10/21/2002		
Endrin	ND		4.3	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		4.3	UG/KG	95-3	10/21/2002		
Endrin ketone	ND		4.3	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		2.2	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		2.2	UG/KG	95-3	10/21/2002		
Heptachlor	ND		2.2	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		2.2	UG/KG	95-3	10/21/2002		
Methoxychlor	ND		22	UG/KG	95-3	10/21/2002		
Toxaphene	ND		220	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	12600	E	4.2	MG/KG	CLP-M	09/25/2002	20:32	
Antimony - Total	0.78	B	0.28	MG/KG	CLP-M	09/25/2002	20:32	
Arsenic - Total	9.2		0.29	MG/KG	CLP-M	09/25/2002	20:32	
Barium - Total	89.0	E	0.03	MG/KG	CLP-M	09/25/2002	20:32	
Beryllium - Total	0.50	B	0.04	MG/KG	CLP-M	09/25/2002	20:32	
Cadmium - Total	0.17	B	0.04	MG/KG	CLP-M	09/25/2002	20:32	
Calcium - Total	1530	E	2.6	MG/KG	CLP-M	09/25/2002	20:32	
Chromium - Total	15.8	E	0.08	MG/KG	CLP-M	09/25/2002	20:32	
Cobalt - Total	6.2	B	0.19	MG/KG	CLP-M	09/25/2002	20:32	
Copper - Total	27.0	E	0.11	MG/KG	CLP-M	09/25/2002	20:32	
Iron - Total	34400	E	1.8	MG/KG	CLP-M	09/25/2002	20:32	
Lead - Total	28.9	E	0.19	MG/KG	CLP-M	09/25/2002	20:32	
Magnesium - Total	2770	E	0.97	MG/KG	CLP-M	09/25/2002	20:32	
Manganese - Total	253	E	0.05	MG/KG	CLP-M	09/25/2002	20:32	
Mercury - Total	0.038	B*	0.007	MG/KG	CLP-M	09/16/2002	22:32	
Nickel - Total	14.0	E	0.60	MG/KG	CLP-M	09/25/2002	20:32	
Potassium - Total	1280	E	3.8	MG/KG	CLP-M	09/25/2002	20:32	
Selenium - Total	1.9		0.62	MG/KG	CLP-M	09/25/2002	20:32	
Silver - Total	ND		0.11	MG/KG	CLP-M	09/25/2002	20:32	
Sodium - Total	96.1	B	29.5	MG/KG	CLP-M	09/25/2002	20:32	
Thallium - Total	ND		0.46	MG/KG	CLP-M	09/25/2002	20:32	
Vanadium - Total	25.0	E	0.06	MG/KG	CLP-M	09/25/2002	20:32	
Zinc - Total	142	E	0.34	MG/KG	CLP-M	09/25/2002	20:32	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	6.20		0	S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SP23-D34-S-0
 Lab Sample ID: A2912002RE
 Date Collected: 09/11/2002
 Time Collected: 13:30

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
1,2-Dichlorobenzene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
1,3-Dichlorobenzene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
1,4-Dichlorobenzene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2,2'-Oxybis(1-Chloropropane)	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
2,4,6-Trichlorophenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2,4-Dichlorophenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2,4-Dimethylphenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
2,4-Dinitrotoluene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2,6-Dinitrotoluene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2-Chloronaphthalene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2-Chlorophenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2-Methylnaphthalene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2-Methylphenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
2-Nitrophenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
3,3'-Dichlorobenzidine	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
4-Bromophenyl phenyl ether	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
4-Chloro-3-methylphenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
4-Chloroaniline	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
4-Chlorophenyl phenyl ether	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
4-Methylphenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
4-Nitrophenol	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
Acenaphthene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Acenaphthylene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Anthracene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Benzo(a)anthracene	19	J	420	UG/KG	95-2	10/08/2002	19:03	PM
Benzo(a)pyrene	15	J	420	UG/KG	95-2	10/08/2002	19:03	PM
Benzo(b)fluoranthene	36	J	420	UG/KG	95-2	10/08/2002	19:03	PM
Benzo(ghi)perylene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Benzo(k)fluoranthene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Bis(2-chloroethoxy) methane	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Bis(2-chloroethyl) ether	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Bis(2-ethylhexyl) phthalate	74	BJ	420	UG/KG	95-2	10/08/2002	19:03	PM
Butyl benzyl phthalate	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Carbazole	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Chrysene	23	J	420	UG/KG	95-2	10/08/2002	19:03	PM
Di-n-butyl phthalate	20	J	420	UG/KG	95-2	10/08/2002	19:03	PM
Di-n-octyl phthalate	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Dibenzo(a,h)anthracene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Dibenzofuran	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Diethyl phthalate	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Dimethyl phthalate	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Fluoranthene	36	J	420	UG/KG	95-2	10/08/2002	19:03	PM

date: 11/07/2002
Time: 14:03:38

T V G A Engineering & Surveying, P. C.
TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil Probes/Test Pits

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Sample ID: RSS-SP23-D34-S-0
o Sample ID: A2912002RE
Date Collected: 09/11/2002
Time Collected: 13:30

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Hexachlorobenzene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Hexachlorobutadiene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Hexachlorocyclopentadiene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Hexachloroethane	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Indeno(1,2,3-cd)pyrene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Isophorone	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
N-Nitroso-Di-n-propylamine	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
N-nitrosodiphenylamine	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Naphthalene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Nitrobenzene	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Pentachlorophenol	ND		1000	UG/KG	95-2	10/08/2002	19:03	PM
Phenanthrene	31	J	420	UG/KG	95-2	10/08/2002	19:03	PM
Phenol	ND		420	UG/KG	95-2	10/08/2002	19:03	PM
Pyrene	26	J	420	UG/KG	95-2	10/08/2002	19:03	PM

Sample ID: RSS-SP29-D46-S-0
 Lab Sample ID: A2912003
 Date Collected: 09/12/2002
 Time Collected: 09:50

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
2-Butanone	8	J	12	UG/KG	95-1	09/20/2002	12:14	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Acetone	43	B	12	UG/KG	95-1	09/20/2002	12:14	DGP
Benzene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Bromoform	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Bromomethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Chloroethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Chloroform	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Chloromethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Methylene chloride	19	B	12	UG/KG	95-1	09/20/2002	12:14	DGP
Styrene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Toluene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/20/2002	12:14	DGP
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.5	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		4.5	UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		4.5	UG/KG	95-3	10/21/2002		
Aldrin	ND		2.3	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		2.3	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		2.3	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		45	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		92	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		45	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		45	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		45	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		45	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		45	UG/KG	95-3	10/21/2002		
beta-BHC	ND		2.3	UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP29-D46-S-0
 Sample ID: A2912003
 Collected: 09/12/2002
 Time Collected: 09:50

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		
			Limit	Units		Analyzed	Analyst	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
delta-BHC	ND		2.3	UG/KG	95-3	10/21/2002		
Dieldrin	ND		4.5	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		2.3	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		4.5	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		4.5	UG/KG	95-3	10/21/2002		
Endrin	ND		4.5	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		4.5	UG/KG	95-3	10/21/2002		
Endrin ketone	ND		4.5	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		2.3	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		2.3	UG/KG	95-3	10/21/2002		
Heptachlor	ND		2.3	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		2.3	UG/KG	95-3	10/21/2002		
Methoxychlor	ND		23	UG/KG	95-3	10/21/2002		
Toxaphene	ND		230	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	11200	E	4.4	MG/KG	CLP-M	09/25/2002	20:36	
Antimony - Total	0.92	B	0.29	MG/KG	CLP-M	09/25/2002	20:36	
Arsenic - Total	6.8		0.31	MG/KG	CLP-M	09/25/2002	20:36	
Barium - Total	102	E	0.03	MG/KG	CLP-M	09/25/2002	20:36	
Beryllium - Total	0.60	B	0.04	MG/KG	CLP-M	09/25/2002	20:36	
Cadmium - Total	0.26	B	0.04	MG/KG	CLP-M	09/25/2002	20:36	
Calcium - Total	2240	E	2.7	MG/KG	CLP-M	09/25/2002	20:36	
Chromium - Total	11.7	E	0.08	MG/KG	CLP-M	09/25/2002	20:36	
Cobalt - Total	7.0		0.20	MG/KG	CLP-M	09/25/2002	20:36	
Copper - Total	21.8	E	0.12	MG/KG	CLP-M	09/25/2002	20:36	
Iron - Total	18700	E	1.9	MG/KG	CLP-M	09/25/2002	20:36	
Lead - Total	25.2	E	0.20	MG/KG	CLP-M	09/25/2002	20:36	
Magnesium - Total	1990	E	1.0	MG/KG	CLP-M	09/25/2002	20:36	
Manganese - Total	144	E	0.05	MG/KG	CLP-M	09/25/2002	20:36	
Mercury - Total	0.035	B*	0.007	MG/KG	CLP-M	09/16/2002	22:34	
Nickel - Total	14.1	E	0.62	MG/KG	CLP-M	09/25/2002	20:36	
Potassium - Total	1110	E	3.9	MG/KG	CLP-M	09/25/2002	20:36	
Selenium - Total	1.3		0.65	MG/KG	CLP-M	09/25/2002	20:36	
Silver - Total	ND		0.12	MG/KG	CLP-M	09/25/2002	20:36	
Sodium - Total	266	B	30.7	MG/KG	CLP-M	09/25/2002	20:36	
Thallium - Total	ND		0.48	MG/KG	CLP-M	09/25/2002	20:36	
Vanadium - Total	21.4	E	0.07	MG/KG	CLP-M	09/25/2002	20:36	
Zinc - Total	62.8	E	0.36	MG/KG	CLP-M	09/25/2002	20:36	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	6.57		0	S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SP29-D46-S-0

Date Received: 09/12/2002

Lab Sample ID: A2912003RE

Project No: NY2A8931

Date Collected: 09/12/2002

Client No: 511679

Time Collected: 09:50

Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
1,2-Dichlorobenzene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
1,3-Dichlorobenzene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
1,4-Dichlorobenzene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2,2'-Oxybis(1-Chloropropane)	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2,4,5-Trichlorophenol	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
2,4,6-Trichlorophenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2,4-Dichlorophenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2,4-Dimethylphenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2,4-Dinitrophenol	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
2,4-Dinitrotoluene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2,6-Dinitrotoluene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2-Chloronaphthalene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2-Chlorophenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2-Methylnaphthalene	4000		2200	UG/KG	95-2	10/09/2002 10:03	PM
2-Methylphenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
2-Nitroaniline	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
2-Nitrophenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
3,3'-Dichlorobenzidine	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
3-Nitroaniline	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
4,6-Dinitro-2-methylphenol	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
4-Bromophenyl phenyl ether	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
4-Chloro-3-methylphenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
4-Chloroaniline	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
4-Chlorophenyl phenyl ether	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
4-Methylphenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
4-Nitroaniline	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
4-Nitrophenol	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
Acenaphthene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Acenaphthylene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Anthracene	210	J	2200	UG/KG	95-2	10/09/2002 10:03	PM
Benzo(a)anthracene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Benzo(a)pyrene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Benzo(b)fluoranthene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Benzo(ghi)perylene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Benzo(k)fluoranthene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Bis(2-chloroethoxy) methane	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Bis(2-chloroethyl) ether	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Bis(2-ethylhexyl) phthalate	73	BJ	2200	UG/KG	95-2	10/09/2002 10:03	PM
Butyl benzyl phthalate	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Carbazole	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Chrysene	58	J	2200	UG/KG	95-2	10/09/2002 10:03	PM
Di-n-butyl phthalate	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Di-n-octyl phthalate	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Dibenzo(a,h)anthracene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Dibenzofuran	380	J	2200	UG/KG	95-2	10/09/2002 10:03	PM
Diethyl phthalate	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Dimethyl phthalate	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Fluoranthene	140	J	2200	UG/KG	95-2	10/09/2002 10:03	PM

Time: 14:03:38

TVGA Engineering & Surveying, P. C.
TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil Probes/Test Pits

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Sample ID: RSS-SP29-D46-S-0
Lab Sample ID: A2912003RE
Date Collected: 09/12/2002
Time Collected: 09:50

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time	
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	500	J	2200	UG/KG	95-2	10/09/2002 10:03	PM
Hexachlorobenzene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Hexachlorobutadiene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Hexachlorocyclopentadiene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Hexachloroethane	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Indeno(1,2,3-cd)pyrene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Isophorone	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
N-Nitroso-Di-n-propylamine	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
N-nitrosodiphenylamine	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Naphthalene	160	J	2200	UG/KG	95-2	10/09/2002 10:03	PM
Nitrobenzene	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Pentachlorophenol	ND		5400	UG/KG	95-2	10/09/2002 10:03	PM
Phenanthrene	1200	J	2200	UG/KG	95-2	10/09/2002 10:03	PM
Phenol	ND		2200	UG/KG	95-2	10/09/2002 10:03	PM
Pyrene	250	J	2200	UG/KG	95-2	10/09/2002 10:03	PM

Sample ID: RSS-SP32-D35-S-0
 Lab Sample ID: A2912004
 Date Collected: 09/12/2002
 Time Collected: 11:25

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
2-Butanone	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
2-Hexanone	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Acetone	28	B	12	UG/KG	95-1	09/19/2002	01:38	JRW
Benzene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Bromodichloromethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Bromoform	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Bromomethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Carbon Disulfide	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Chlorobenzene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Chloroethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Chloroform	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Chloromethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Dibromochloromethane	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Ethylbenzene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Methylene chloride	11	BJ	12	UG/KG	95-1	09/19/2002	01:38	JRW
Styrene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Tetrachloroethene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Toluene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Total Xylenes	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Trichloroethene	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
Vinyl chloride	ND		12	UG/KG	95-1	09/19/2002	01:38	JRW
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.9	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		3.9	UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		3.9	UG/KG	95-3	10/21/2002		
Aldrin	ND		2.0	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		39	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		80	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		39	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		39	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		39	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		39	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		39	UG/KG	95-3	10/21/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP32-D35-S-0
 b Sample ID: A2912004
 e Collected: 09/12/2002
 Time Collected: 11:25

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time	
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
delta-BHC	ND		2.0	UG/KG	95-3	10/21/2002	
Dieldrin	ND		3.9	UG/KG	95-3	10/21/2002	
Endosulfan I	ND		2.0	UG/KG	95-3	10/21/2002	
Endosulfan II	ND		3.9	UG/KG	95-3	10/21/2002	
Endosulfan Sulfate	ND		3.9	UG/KG	95-3	10/21/2002	
Endrin	ND		3.9	UG/KG	95-3	10/21/2002	
Endrin aldehyde	ND		3.9	UG/KG	95-3	10/21/2002	
Endrin ketone	ND		3.9	UG/KG	95-3	10/21/2002	
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	10/21/2002	
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/21/2002	
Heptachlor	ND		2.0	UG/KG	95-3	10/21/2002	
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/21/2002	
Methoxychlor	ND		20	UG/KG	95-3	10/21/2002	
Toxaphene	ND		200	UG/KG	95-3	10/21/2002	
Metals Analysis							
Aluminum - Total	12700	E	3.8	MG/KG	CLP-M	09/25/2002 20:40	
Antimony - Total	0.88	B	0.26	MG/KG	CLP-M	09/25/2002 20:40	
Arsenic - Total	11.7		0.27	MG/KG	CLP-M	09/25/2002 20:40	
Barium - Total	118	E	0.02	MG/KG	CLP-M	09/25/2002 20:40	
Beryllium - Total	0.77		0.03	MG/KG	CLP-M	09/25/2002 20:40	
Cadmium - Total	0.24	B	0.03	MG/KG	CLP-M	09/25/2002 20:40	
Calcium - Total	4810	E	2.3	MG/KG	CLP-M	09/25/2002 20:40	
Chromium - Total	22.7	E	0.07	MG/KG	CLP-M	09/25/2002 20:40	
Cobalt - Total	13.1		0.17	MG/KG	CLP-M	09/25/2002 20:40	
Copper - Total	33.7	E	0.10	MG/KG	CLP-M	09/25/2002 20:40	
Iron - Total	30700	E	1.6	MG/KG	CLP-M	09/25/2002 20:40	
Lead - Total	16.8	E	0.17	MG/KG	CLP-M	09/25/2002 20:40	
Magnesium - Total	4050	E	0.88	MG/KG	CLP-M	09/25/2002 20:40	
Manganese - Total	272	E	0.05	MG/KG	CLP-M	09/25/2002 20:40	
Mercury - Total	ND	*	0.006	MG/KG	CLP-M	09/16/2002 22:37	
Nickel - Total	40.4	E	0.55	MG/KG	CLP-M	09/25/2002 20:40	
Potassium - Total	1510	E	3.4	MG/KG	CLP-M	09/25/2002 20:40	
Selenium - Total	0.75		0.57	MG/KG	CLP-M	09/25/2002 20:40	
Silver - Total	ND		0.10	MG/KG	CLP-M	09/25/2002 20:40	
Sodium - Total	117	B	26.9	MG/KG	CLP-M	09/25/2002 20:40	
Thallium - Total	ND		0.42	MG/KG	CLP-M	09/25/2002 20:40	
Vanadium - Total	48.1	E	0.06	MG/KG	CLP-M	09/25/2002 20:40	
Zinc - Total	75.7	E	0.31	MG/KG	CLP-M	09/25/2002 20:40	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002 11:54	NAP
Leachable pH	7.48		0	S.U.	9045	09/16/2002 17:10	KS

Sample ID: RSS-SP32-D35-S-0
 Lab Sample ID: A2912004RE
 Date Collected: 09/12/2002
 Time Collected: 11:25

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
1,2-Dichlorobenzene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
1,3-Dichlorobenzene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
1,4-Dichlorobenzene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2,2'-Oxybis(1-Chloropropane)	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2,4,5-Trichlorophenol	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
2,4,6-Trichlorophenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2,4-Dichlorophenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2,4-Dimethylphenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2,4-Dinitrophenol	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
2,4-Dinitrotoluene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2,6-Dinitrotoluene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2-Chloronaphthalene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2-Chlorophenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2-Methylnaphthalene	12	J	400	UG/KG	95-2	10/14/2002 09:41	PM
2-Methylphenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
2-Nitroaniline	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
2-Nitrophenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
3,3'-Dichlorobenzidine	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
3-Nitroaniline	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
4,6-Dinitro-2-methylphenol	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
4-Bromophenyl phenyl ether	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
4-Chloro-3-methylphenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
4-Chloroaniline	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
4-Chlorophenyl phenyl ether	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
4-Methylphenol	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
4-Nitroaniline	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
4-Nitrophenol	ND		960	UG/KG	95-2	10/14/2002 09:41	PM
Acenaphthene	13	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Acenaphthylene	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Anthracene	27	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Benzo(a)anthracene	71	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Benzo(a)pyrene	67	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Benzo(b)fluoranthene	80	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Benzo(ghi)perylene	58	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Benzo(k)fluoranthene	57	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Bis(2-chloroethoxy) methane	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Bis(2-chloroethyl) ether	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Bis(2-ethylhexyl) phthalate	63	BJ	400	UG/KG	95-2	10/14/2002 09:41	PM
Butyl benzyl phthalate	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Carbazole	13	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Chrysene	94	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Di-n-butyl phthalate	37	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Di-n-octyl phthalate	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Dibenzo(a,h)anthracene	20	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Dibenzofuran	13	J	400	UG/KG	95-2	10/14/2002 09:41	PM
Diethyl phthalate	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Dimethyl phthalate	ND		400	UG/KG	95-2	10/14/2002 09:41	PM
Fluoranthene	180	J	400	UG/KG	95-2	10/14/2002 09:41	PM

Sample ID: RSS-SP32-D35-S-0
 Sample ID: A2912004RE
 Date Collected: 09/12/2002
 Time Collected: 11:25

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	21	J	400	UG/KG	95-2	10/14/2002	09:41	PM
Hexachlorobenzene	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Hexachlorobutadiene	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Hexachlorocyclopentadiene	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Hexachloroethane	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Indeno(1,2,3-cd)pyrene	52	J	400	UG/KG	95-2	10/14/2002	09:41	PM
Isophorone	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
N-Nitroso-Di-n-propylamine	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
N-nitrosodiphenylamine	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Naphthalene	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Nitrobenzene	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Pentachlorophenol	ND		960	UG/KG	95-2	10/14/2002	09:41	PM
Phenanthrene	87	J	400	UG/KG	95-2	10/14/2002	09:41	PM
Phenol	ND		400	UG/KG	95-2	10/14/2002	09:41	PM
Pyrene	150	J	400	UG/KG	95-2	10/14/2002	09:41	PM

Sample ID: RSS-SP36-D24-S-0
Lab Sample ID: A2912005
Date Collected: 09/12/2002
Time Collected: 13:45Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,1,2,2-Tetrachloroethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,1,2-Trichloroethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,1-Dichloroethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,1-Dichloroethene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,2-Dichloroethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,2-Dichloroethene (Total)	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
1,2-Dichloropropane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
2-Butanone	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
2-Hexanone	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
4-Methyl-2-pentanone	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Acetone	6	J	10	UG/KG	95-1	09/19/2002	01:20	JRW
Benzene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Bromodichloromethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Bromoform	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Bromomethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Carbon Disulfide	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Carbon Tetrachloride	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Chlorobenzene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Chloroethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Chloroform	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Chloromethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
cis-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Dibromochloromethane	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Ethylbenzene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Methylene chloride	6	BJ	10	UG/KG	95-1	09/19/2002	01:20	JRW
Styrene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Tetrachloroethene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Toluene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Total Xylenes	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
trans-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Trichloroethene	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
Vinyl chloride	ND		10	UG/KG	95-1	09/19/2002	01:20	JRW
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		37	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		37	UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		37	UG/KG	95-3	10/21/2002		
Aldrin	ND		19	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		19	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		19	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		370	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		750	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		370	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		370	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		370	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		370	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		370	UG/KG	95-3	10/21/2002		
beta-BHC	ND		19	UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP36-D24-S-0
 Lab Sample ID: A2912005
 Collected: 09/12/2002
 Time Collected: 13:45

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
delta-BHC	ND		19	UG/KG	95-3	10/21/2002		
Dieldrin	ND		37	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		19	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		37	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		37	UG/KG	95-3	10/21/2002		
Endrin	ND		37	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		37	UG/KG	95-3	10/21/2002		
Endrin ketone	ND		37	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		19	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		19	UG/KG	95-3	10/21/2002		
Heptachlor	ND		19	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		19	UG/KG	95-3	10/21/2002		
Methoxychlor	24	JP	190	UG/KG	95-3	10/21/2002		
Toxaphene	ND		1900	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	15100	E	3.7	MG/KG	CLP-M	09/25/2002 20:44		
Antimony - Total	8.9		0.25	MG/KG	CLP-M	09/25/2002 20:44		
Arsenic - Total	16.0		0.26	MG/KG	CLP-M	09/25/2002 20:44		
Barium - Total	5860	E	0.22	MG/KG	CLP-M	09/28/2002 04:45		
Beryllium - Total	0.59		0.03	MG/KG	CLP-M	09/25/2002 20:44		
Cadmium - Total	2.8		0.03	MG/KG	CLP-M	09/25/2002 20:44		
Calcium - Total	141000	E	44.1	MG/KG	CLP-M	09/28/2002 04:45		
Chromium - Total	573	E	0.07	MG/KG	CLP-M	09/25/2002 20:44		
Cobalt - Total	10.8		0.17	MG/KG	CLP-M	09/25/2002 20:44		
Copper - Total	140	E	0.10	MG/KG	CLP-M	09/25/2002 20:44		
Iron - Total	150000	E	15.6	MG/KG	CLP-M	09/28/2002 04:45		
Lead - Total	102	E	0.17	MG/KG	CLP-M	09/25/2002 20:44		
Magnesium - Total	38900	E	0.85	MG/KG	CLP-M	09/25/2002 20:44		
Manganese - Total	10300	E	0.11	MG/KG	CLP-M	09/28/2002 04:45		
Mercury - Total	0.021	B*	0.006	MG/KG	CLP-M	09/16/2002 22:38		
Nickel - Total	126	E	0.53	MG/KG	CLP-M	09/25/2002 20:44		
Potassium - Total	645	E	3.3	MG/KG	CLP-M	09/25/2002 20:44		
Selenium - Total	3.2		0.55	MG/KG	CLP-M	09/25/2002 20:44		
Silver - Total	1.6		0.10	MG/KG	CLP-M	09/25/2002 20:44		
Sodium - Total	198	B	25.9	MG/KG	CLP-M	09/25/2002 20:44		
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/25/2002 20:44		
Vanadium - Total	72.5	E	0.06	MG/KG	CLP-M	09/25/2002 20:44		
Zinc - Total	1090	E	2.3	MG/KG	CLP-M	09/28/2002 04:50		
Wet Chemistry Analysis								
Cyanide - Total	0.60		0.50	MG/KG	CLP-WC	09/17/2002 11:54	NAP	
Leachable pH	12.3		0	S.U.	9045	09/16/2002 17:10	KS	

Sample ID: RSS-SP36-D24-S-0
 Lab Sample ID: A2912005RE
 Date Collected: 09/12/2002
 Time Collected: 13:45

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
1,2,4-Trichlorobenzene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
1,2-Dichlorobenzene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
1,3-Dichlorobenzene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
1,4-Dichlorobenzene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2,2'-Oxybis(1-Chloropropane)	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2,4,5-Trichlorophenol	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
2,4,6-Trichlorophenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2,4-Dichlorophenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2,4-Dimethylphenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2,4-Dinitrophenol	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
2,4-Dinitrotoluene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2,6-Dinitrotoluene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2-Chloronaphthalene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2-Chlorophenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2-Methylnaphthalene	130	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
2-Methylphenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
2-Nitroaniline	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
2-Nitrophenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
3,3'-Dichlorobenzidine	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
3-Nitroaniline	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
4,6-Dinitro-2-methylphenol	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
4-Bromophenyl phenyl ether	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
4-Chloro-3-methylphenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
4-Chloroaniline	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
4-Chlorophenyl phenyl ether	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
4-Methylphenol	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
4-Nitroaniline	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
4-Nitrophenol	ND		9100		UG/KG	95-2	10/14/2002	10:16	PM
Acenaphthene	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Acenaphthylene	790	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Anthracene	860	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Benzo(a)anthracene	4500		3800		UG/KG	95-2	10/14/2002	10:16	PM
Benzo(a)pyrene	3800		3800		UG/KG	95-2	10/14/2002	10:16	PM
Benzo(b)fluoranthene	3600	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Benzo(ghi)perylene	2700	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Benzo(k)fluoranthene	4100		3800		UG/KG	95-2	10/14/2002	10:16	PM
Bis(2-chloroethoxy) methane	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Bis(2-chloroethyl) ether	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Bis(2-ethylhexyl) phthalate	160	BJ	3800		UG/KG	95-2	10/14/2002	10:16	PM
Butyl benzyl phthalate	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Carbazole	130	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Chrysene	4800		3800		UG/KG	95-2	10/14/2002	10:16	PM
Di-n-butyl phthalate	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Di-n-octyl phthalate	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Dibenzo(a,h)anthracene	1300	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Dibenzofuran	190	J	3800		UG/KG	95-2	10/14/2002	10:16	PM
Diethyl phthalate	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Dimethyl phthalate	ND		3800		UG/KG	95-2	10/14/2002	10:16	PM
Fluoranthene	10000		3800		UG/KG	95-2	10/14/2002	10:16	PM

Sample ID: RSS-SP36-D24-S-0
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Collected: 09/12/2002
Time Collected: 13:45

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	350	J	3800	UG/KG	95-2	10/14/2002	10:16	PM
Hexachlorobenzene	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Hexachlorobutadiene	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Hexachlorocyclopentadiene	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Hexachloroethane	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Indeno(1,2,3-cd)pyrene	2900	J	3800	UG/KG	95-2	10/14/2002	10:16	PM
Isophorone	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
N-Nitroso-Di-n-propylamine	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
N-nitrosodiphenylamine	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Naphthalene	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Nitrobenzene	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Pentachlorophenol	ND		9100	UG/KG	95-2	10/14/2002	10:16	PM
Phenanthrene	4900		3800	UG/KG	95-2	10/14/2002	10:16	PM
Phenol	ND		3800	UG/KG	95-2	10/14/2002	10:16	PM
Pyrene	8700		3800	UG/KG	95-2	10/14/2002	10:16	PM

Sample ID: RSS-SP37-D24-S-0
Lab Sample ID: A2912006
Date Collected: 09/12/2002
Time Collected: 14:15

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,1-Dichloroethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,1-Dichloroethene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,2-Dichloroethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,2-Dichloroethene (Total)	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
1,2-Dichloropropane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
2-Butanone	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
2-Hexanone	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Acetone	11	B	11	UG/KG	95-1	09/19/2002	01:03	JRW
Benzene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Bromodichloromethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Bromoform	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Bromomethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Carbon Disulfide	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Carbon Tetrachloride	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Chlorobenzene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Chloroethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Chloroform	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Chloromethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Dibromochloromethane	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Ethylbenzene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Methylene chloride	11	B	11	UG/KG	95-1	09/19/2002	01:03	JRW
Styrene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Tetrachloroethene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Toluene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Total Xylenes	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Trichloroethene	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
Vinyl chloride	ND		11	UG/KG	95-1	09/19/2002	01:03	JRW
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.4	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		3.4	UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		3.4	UG/KG	95-3	10/21/2002		
Aldrin	ND		1.8	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		34	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		70	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		34	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		34	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		34	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		34	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		34	UG/KG	95-3	10/21/2002		
beta-BHC	ND		1.8	UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP37-D24-S-0
 Lab Sample ID: A2912006
 Date Collected: 09/12/2002
 Time Collected: 14:15

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
delta-BHC	ND		1.8	UG/KG	95-3	10/21/2002		
Dieldrin	ND		3.4	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		3.4	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		3.4	UG/KG	95-3	10/21/2002		
Endrin	ND		3.4	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		3.4	UG/KG	95-3	10/21/2002		
Endrin ketone	ND		3.4	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/21/2002		
Heptachlor	ND		1.8	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		1.8	UG/KG	95-3	10/21/2002		
Methoxychlor	ND		18	UG/KG	95-3	10/21/2002		
Toxaphene	ND		180	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	9080	E	3.5	MG/KG	CLP-M	09/25/2002 20:48		
Antimony - Total	ND		0.23	MG/KG	CLP-M	09/25/2002 20:48		
Arsenic - Total	12.2		0.25	MG/KG	CLP-M	09/25/2002 20:48		
Barium - Total	110	E	0.02	MG/KG	CLP-M	09/25/2002 20:48		
Beryllium - Total	0.45	B	0.03	MG/KG	CLP-M	09/25/2002 20:48		
Cadmium - Total	0.21	B	0.03	MG/KG	CLP-M	09/25/2002 20:48		
Calcium - Total	7280	E	2.1	MG/KG	CLP-M	09/25/2002 20:48		
Chromium - Total	12.5	E	0.06	MG/KG	CLP-M	09/25/2002 20:48		
Cobalt - Total	10.6		0.16	MG/KG	CLP-M	09/25/2002 20:48		
Copper - Total	37.9	E	0.10	MG/KG	CLP-M	09/25/2002 20:48		
Iron - Total	27200	E	1.5	MG/KG	CLP-M	09/25/2002 20:48		
Lead - Total	16.2	E	0.16	MG/KG	CLP-M	09/25/2002 20:48		
Magnesium - Total	4210	E	0.81	MG/KG	CLP-M	09/25/2002 20:48		
Manganese - Total	668	E	0.04	MG/KG	CLP-M	09/25/2002 20:48		
Mercury - Total	ND	*	0.005	MG/KG	CLP-M	09/16/2002 22:40		
Nickel - Total	28.2	E	0.50	MG/KG	CLP-M	09/25/2002 20:48		
Potassium - Total	1190	E	3.1	MG/KG	CLP-M	09/25/2002 20:48		
Selenium - Total	1.1		0.52	MG/KG	CLP-M	09/25/2002 20:48		
Silver - Total	ND		0.10	MG/KG	CLP-M	09/25/2002 20:48		
Sodium - Total	90.1	B	24.7	MG/KG	CLP-M	09/25/2002 20:48		
Thallium - Total	ND		0.38	MG/KG	CLP-M	09/25/2002 20:48		
Vanadium - Total	13.8	E	0.05	MG/KG	CLP-M	09/25/2002 20:48		
Zinc - Total	204	E	0.29	MG/KG	CLP-M	09/25/2002 20:48		
Wet Chemistry Analysis								
Cyanide - Total	0.88		0.50	MG/KG	CLP-WC	09/17/2002 11:54	NAP	
Leachable pH	8.54		0	S.U.	9045	09/16/2002 17:10	KS	

Sample ID: RSS-SP37-D24-S-0
 Lab Sample ID: A2912006RE
 Date Collected: 09/12/2002
 Time Collected: 14:15

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
1,2-Dichlorobenzene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
1,3-Dichlorobenzene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
1,4-Dichlorobenzene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2,2'-Oxybis(1-Chloropropane)	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2,4,5-Trichlorophenol	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
2,4,6-Trichlorophenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2,4-Dichlorophenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2,4-Dimethylphenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2,4-Dinitrophenol	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
2,4-Dinitrotoluene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2,6-Dinitrotoluene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2-Chloronaphthalene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2-Chlorophenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2-Methylnaphthalene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2-Methylphenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
2-Nitroaniline	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
2-Nitrophenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
3,3'-Dichlorobenzidine	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
3-Nitroaniline	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
4,6-Dinitro-2-methylphenol	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
4-Bromophenyl phenyl ether	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
4-Chloro-3-methylphenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
4-Chloroaniline	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
4-Chlorophenyl phenyl ether	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
4-Methylphenol	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
4-Nitroaniline	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
4-Nitrophenol	ND		850	UG/KG	95-2	10/14/2002	10:51	PM
Acenaphthene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Acenaphthylene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Anthracene	190	J	350	UG/KG	95-2	10/14/2002	10:51	PM
Benzo(a)anthracene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Benzo(a)pyrene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Benzo(b)fluoranthene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Benzo(ghi)perylene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Benzo(k)fluoranthene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Bis(2-chloroethoxy) methane	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Bis(2-chloroethyl) ether	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Bis(2-ethylhexyl) phthalate	68	BJ	350	UG/KG	95-2	10/14/2002	10:51	PM
Butyl benzyl phthalate	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Carbazole	220	J	350	UG/KG	95-2	10/14/2002	10:51	PM
Chrysene	32	J	350	UG/KG	95-2	10/14/2002	10:51	PM
Di-n-butyl phthalate	69	J	350	UG/KG	95-2	10/14/2002	10:51	PM
Di-n-octyl phthalate	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Dibenzo(a,h)anthracene	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Dibenzofuran	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Diethyl phthalate	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Dimethyl phthalate	ND		350	UG/KG	95-2	10/14/2002	10:51	PM
Fluoranthene	11	J	350	UG/KG	95-2	10/14/2002	10:51	PM

Sample ID: RSS-SP37-D24-S-0
 b Sample ID: A2912006RE
 Collected: 09/12/2002
 Time Collected: 14:15

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
Fluorene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Hexachlorobenzene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Hexachlorobutadiene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Hexachlorocyclopentadiene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Hexachloroethane	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Indeno(1,2,3-cd)pyrene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Isophorone	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
N-Nitroso-Di-n-propylamine	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
N-nitrosodiphenylamine	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Naphthalene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Nitrobenzene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Pentachlorophenol	ND		850		UG/KG	95-2	10/14/2002	10:51	PM
Phenanthrene	13	J	350		UG/KG	95-2	10/14/2002	10:51	PM
Phenol	ND		350		UG/KG	95-2	10/14/2002	10:51	PM
Pyrene	ND		350		UG/KG	95-2	10/14/2002	10:51	PM

Sample ID: RSS-SP39-D1416-S-0
 Lab Sample ID: A2912007
 Date Collected: 09/12/2002
 Time Collected: 15:05

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,1-Dichloroethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,1-Dichloroethene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,2-Dichloroethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,2-Dichloroethene (Total)	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
1,2-Dichloropropane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
2-Butanone	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
2-Hexanone	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Acetone	10	J	11	UG/KG	95-1	09/19/2002	00:45	JRW
Benzene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Bromodichloromethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Bromoform	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Bromomethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Carbon Disulfide	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Carbon Tetrachloride	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Chlorobenzene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Chloroethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Chloroform	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Chloromethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Dibromochloromethane	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Ethylbenzene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Methylene chloride	10	BJ	11	UG/KG	95-1	09/19/2002	00:45	JRW
Styrene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Tetrachloroethene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Toluene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Total Xylenes	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Trichloroethene	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
Vinyl chloride	ND		11	UG/KG	95-1	09/19/2002	00:45	JRW
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.8	UG/KG	95-3	10/21/2002		
4,4'-DDE	ND		3.8	UG/KG	95-3	10/21/2002		
4,4'-DDT	ND		3.8	UG/KG	95-3	10/21/2002		
Aldrin	ND		2.0	UG/KG	95-3	10/21/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/21/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/21/2002		
Aroclor 1016	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1221	ND		78	UG/KG	95-3	10/21/2002		
Aroclor 1232	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1242	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1248	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1254	ND		38	UG/KG	95-3	10/21/2002		
Aroclor 1260	ND		38	UG/KG	95-3	10/21/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/21/2002		

Sample ID: RSS-SP39-D1416-S-0
 Lab Sample ID: A2912007
 Date Collected: 09/12/2002
 Time Collected: 15:05

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
delta-BHC	ND		2.0	UG/KG	95-3	10/21/2002		
Dieldrin	ND		3.8	UG/KG	95-3	10/21/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/21/2002		
Endosulfan II	ND		3.8	UG/KG	95-3	10/21/2002		
Endosulfan Sulfate	ND		3.8	UG/KG	95-3	10/21/2002		
Endrin	ND		3.8	UG/KG	95-3	10/21/2002		
Endrin aldehyde	ND		3.8	UG/KG	95-3	10/21/2002		
Endrin ketone	ND		3.8	UG/KG	95-3	10/21/2002		
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	10/21/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/21/2002		
Heptachlor	ND		2.0	UG/KG	95-3	10/21/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/21/2002		
Methoxychlor	ND		20	UG/KG	95-3	10/21/2002		
Toxaphene	ND		200	UG/KG	95-3	10/21/2002		
Metals Analysis								
Aluminum - Total	7360	E	3.8	MG/KG	CLP-M	09/25/2002	20:52	
Antimony - Total	0.57	B	0.25	MG/KG	CLP-M	09/25/2002	20:52	
Arsenic - Total	11.1		0.26	MG/KG	CLP-M	09/25/2002	20:52	
Barium - Total	74.8	E	0.02	MG/KG	CLP-M	09/25/2002	20:52	
Beryllium - Total	0.37	B	0.03	MG/KG	CLP-M	09/25/2002	20:52	
Cadmium - Total	0.17	B	0.03	MG/KG	CLP-M	09/25/2002	20:52	
Calcium - Total	14300	E	2.3	MG/KG	CLP-M	09/25/2002	20:52	
Chromium - Total	26.8	E	0.07	MG/KG	CLP-M	09/25/2002	20:52	
Cobalt - Total	7.6		0.17	MG/KG	CLP-M	09/25/2002	20:52	
Copper - Total	28.9	E	0.10	MG/KG	CLP-M	09/25/2002	20:52	
Iron - Total	24400	E	1.6	MG/KG	CLP-M	09/25/2002	20:52	
Lead - Total	13.0	E	0.17	MG/KG	CLP-M	09/25/2002	20:52	
Magnesium - Total	3470	E	0.86	MG/KG	CLP-M	09/25/2002	20:52	
Manganese - Total	426	E	0.05	MG/KG	CLP-M	09/25/2002	20:52	
Mercury - Total	ND	*	0.006	MG/KG	CLP-M	09/16/2002	22:41	
Nickel - Total	26.6	E	0.53	MG/KG	CLP-M	09/25/2002	20:52	
Potassium - Total	1010	E	3.3	MG/KG	CLP-M	09/25/2002	20:52	
Selenium - Total	ND		0.56	MG/KG	CLP-M	09/25/2002	20:52	
Silver - Total	ND		0.10	MG/KG	CLP-M	09/25/2002	20:52	
Sodium - Total	124	B	26.3	MG/KG	CLP-M	09/25/2002	20:52	
Thallium - Total	ND		0.41	MG/KG	CLP-M	09/25/2002	20:52	
Vanadium - Total	11.9	E	0.06	MG/KG	CLP-M	09/25/2002	20:52	
Zinc - Total	158	E	0.31	MG/KG	CLP-M	09/25/2002	20:52	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.23		0	S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SP39-D1416-S-0
Lab Sample ID: A2912007RE
Date Collected: 09/12/2002
Time Collected: 15:05Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
1,2-Dichlorobenzene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
1,3-Dichlorobenzene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
1,4-Dichlorobenzene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2,2'-Oxybis(1-Chloropropane)	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2,4,5-Trichlorophenol	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
2,4,6-Trichlorophenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2,4-Dichlorophenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2,4-Dimethylphenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2,4-Dinitrophenol	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
2,4-Dinitrotoluene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2,6-Dinitrotoluene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2-Chloronaphthalene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2-Chlorophenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2-Methylnaphthalene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2-Methylphenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
2-Nitroaniline	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
2-Nitrophenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
3,3'-Dichlorobenzidine	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
3-Nitroaniline	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
4,6-Dinitro-2-methylphenol	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
4-Bromophenyl phenyl ether	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
4-Chloro-3-methylphenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
4-Chloroaniline	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
4-Chlorophenyl phenyl ether	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
4-Methylphenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
4-Nitroaniline	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
4-Nitrophenol	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
Acenaphthene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Acenaphthylene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Anthracene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Benzo(a)anthracene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Benzo(a)pyrene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Benzo(b)fluoranthene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Benzo(ghi)perylene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Benzo(k)fluoranthene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Bis(2-chloroethoxy) methane	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Bis(2-chloroethyl) ether	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Bis(2-ethylhexyl) phthalate	60	BJ	390	UG/KG	95-2	10/14/2002	11:26	PM
Butyl benzyl phthalate	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Carbazole	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Chrysene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Di-n-butyl phthalate	33	J	390	UG/KG	95-2	10/14/2002	11:26	PM
Di-n-octyl phthalate	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Dibenzo(a,h)anthracene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Dibenzofuran	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Diethyl phthalate	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Dimethyl phthalate	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Fluoranthene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM

Sample ID: RSS-SP39-D1416-S-0
 Lab Sample ID: A2912007RE
 Date Collected: 09/12/2002
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 Project No: NY2A8931
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 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Hexachlorobenzene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Hexachlorobutadiene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Hexachlorocyclopentadiene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Hexachloroethane	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Indeno(1,2,3-cd)pyrene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Isophorone	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
N-Nitroso-Di-n-propylamine	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
N-nitrosodiphenylamine	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Naphthalene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Nitrobenzene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Pentachlorophenol	ND		940	UG/KG	95-2	10/14/2002	11:26	PM
Phenanthrene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Phenol	ND		390	UG/KG	95-2	10/14/2002	11:26	PM
Pyrene	ND		390	UG/KG	95-2	10/14/2002	11:26	PM

Sample ID: RSS-SPXX-RB
Lab Sample ID: A2912008
Date Collected: 09/12/2002
Time Collected: 14:15Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,1,2-Trichloroethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,1-Dichloroethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,1-Dichloroethene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,2-Dichloroethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
1,2-Dichloropropane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
2-Butanone	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
2-Hexanone	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
4-Methyl-2-pentanone	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Acetone	3	BJ	10	UG/L	95-1	09/19/2002	00:27	JRW
Benzene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Bromodichloromethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Bromoform	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Bromomethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Carbon Disulfide	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Carbon Tetrachloride	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Chlorobenzene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Chloroethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Chloroform	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Chloromethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Dibromochloromethane	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Ethylbenzene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Methylene chloride	4	BJ	10	UG/L	95-1	09/19/2002	00:27	JRW
Styrene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Tetrachloroethene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Toluene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Total Xylenes	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Trichloroethene	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
Vinyl chloride	ND		10	UG/L	95-1	09/19/2002	00:27	JRW
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2,4,5-Trichlorophenol	ND		23	UG/L	95-2	09/24/2002	09:29	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2,4-Dinitrophenol	ND		23	UG/L	95-2	09/24/2002	09:29	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2-Chlorophenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM

Sample ID: RSS-SPXX-RB
 Sample ID: A2912008
 Date Collected: 09/12/2002
 Time Collected: 14:15

Date Received: 09/12/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2-Methylphenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
2-Nitroaniline	ND		23	UG/L	95-2	09/24/2002	09:29	PM
2-Nitrophenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	09/24/2002	09:29	PM
3-Nitroaniline	ND		23	UG/L	95-2	09/24/2002	09:29	PM
4,6-Dinitro-2-methylphenol	ND		23	UG/L	95-2	09/24/2002	09:29	PM
4-Bromophenyl phenyl ether	ND		9	UG/L	95-2	09/24/2002	09:29	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
4-Chloroaniline	ND		9	UG/L	95-2	09/24/2002	09:29	PM
4-Chlorophenyl phenyl ether	ND		9	UG/L	95-2	09/24/2002	09:29	PM
4-Methylphenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM
4-Nitroaniline	ND		23	UG/L	95-2	09/24/2002	09:29	PM
4-Nitrophenol	ND		23	UG/L	95-2	09/24/2002	09:29	PM
Acenaphthene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Acenaphthylene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Anthracene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Benzo(ghi)perylene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Benzo(k)fluoranthene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Bis(2-chloroethoxy) methane	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Bis(2-chloroethyl) ether	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Bis(2-ethylhexyl) phthalate	6	J	9	UG/L	95-2	09/24/2002	09:29	PM
Butyl benzyl phthalate	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Carbazole	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Chrysene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Di-n-butyl phthalate	0.7	J	9	UG/L	95-2	09/24/2002	09:29	PM
Di-n-octyl phthalate	0.4	J	9	UG/L	95-2	09/24/2002	09:29	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Dibenzofuran	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Diethyl phthalate	0.3	J	9	UG/L	95-2	09/24/2002	09:29	PM
Dimethyl phthalate	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Fluoranthene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Fluorene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Hexachlorobenzene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Hexachloroethane	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Isophorone	ND		9	UG/L	95-2	09/24/2002	09:29	PM
N-Nitroso-Di-n-propylamine	ND		9	UG/L	95-2	09/24/2002	09:29	PM
N-nitrosodiphenylamine	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Naphthalene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Nitrobenzene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
pentachlorophenol	ND		23	UG/L	95-2	09/24/2002	09:29	PM
phenanthrene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
Phenol	ND		9	UG/L	95-2	09/24/2002	09:29	PM

Sample ID: RSS-SPXX-RB
Lab Sample ID: A2912008
Date Collected: 09/12/2002
Time Collected: 14:15

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		9	UG/L	95-2	09/24/2002	09:29	PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.094	UG/L	95-3	09/18/2002		
4,4'-DDE	ND		0.094	UG/L	95-3	09/18/2002		
4,4'-DDT	ND		0.094	UG/L	95-3	09/18/2002		
Aldrin	ND		0.047	UG/L	95-3	09/18/2002		
alpha-BHC	ND		0.047	UG/L	95-3	09/18/2002		
alpha-Chlordane	ND		0.047	UG/L	95-3	09/18/2002		
Aroclor 1016	ND		0.94	UG/L	95-3	09/18/2002		
Aroclor 1221	ND		1.9	UG/L	95-3	09/18/2002		
Aroclor 1232	ND		0.94	UG/L	95-3	09/18/2002		
Aroclor 1242	ND		0.94	UG/L	95-3	09/18/2002		
Aroclor 1248	ND		0.94	UG/L	95-3	09/18/2002		
Aroclor 1254	ND		0.94	UG/L	95-3	09/18/2002		
Aroclor 1260	ND		0.94	UG/L	95-3	09/18/2002		
beta-BHC	ND		0.047	UG/L	95-3	09/18/2002		
delta-BHC	ND		0.047	UG/L	95-3	09/18/2002		
Dieldrin	ND		0.094	UG/L	95-3	09/18/2002		
Endosulfan I	ND		0.047	UG/L	95-3	09/18/2002		
Endosulfan II	ND		0.094	UG/L	95-3	09/18/2002		
Endosulfan Sulfate	ND		0.094	UG/L	95-3	09/18/2002		
Endrin	ND		0.094	UG/L	95-3	09/18/2002		
Endrin aldehyde	ND		0.094	UG/L	95-3	09/18/2002		
Endrin ketone	ND		0.094	UG/L	95-3	09/18/2002		
gamma-BHC (Lindane)	ND		0.047	UG/L	95-3	09/18/2002		
gamma-Chlordane	ND		0.047	UG/L	95-3	09/18/2002		
Heptachlor	ND		0.047	UG/L	95-3	09/18/2002		
Heptachlor epoxide	ND		0.047	UG/L	95-3	09/18/2002		
Methoxychlor	ND		0.47	UG/L	95-3	09/18/2002		
Toxaphene	ND		4.7	UG/L	95-3	09/18/2002		

Metals Analysis

Aluminum - Total	ND		32.5	UG/L	CLP-M	09/28/2002	02:31	
Antimony - Total	ND		5.4	UG/L	CLP-M	09/28/2002	02:31	
Arsenic - Total	ND		4.0	UG/L	CLP-M	09/28/2002	02:31	
Barium - Total	10.7	B	0.20	UG/L	CLP-M	09/28/2002	02:31	
Beryllium - Total	0.34	B	0.20	UG/L	CLP-M	09/28/2002	02:31	
Cadmium - Total	ND		0.30	UG/L	CLP-M	09/28/2002	02:31	
Calcium - Total	100	B	39.4	UG/L	CLP-M	09/28/2002	02:31	
Chromium - Total	ND		0.60	UG/L	CLP-M	09/28/2002	02:31	
Cobalt - Total	ND		0.50	UG/L	CLP-M	09/28/2002	02:31	
Copper - Total	ND		0.60	UG/L	CLP-M	09/28/2002	02:31	
Iron - Total	47.2	B	13.9	UG/L	CLP-M	09/28/2002	02:31	
Lead - Total	ND		2.3	UG/L	CLP-M	09/28/2002	02:31	
Magnesium - Total	137	B	10.9	UG/L	CLP-M	09/28/2002	02:31	
Manganese - Total	ND		0.10	UG/L	CLP-M	09/28/2002	02:31	
Mercury - Total	ND		0.065	UG/L	CLP-M	09/25/2002	17:04	
Nickel - Total	ND		1.0	UG/L	CLP-M	09/28/2002	02:31	

Date: 11/07/2002
Time: 14:03:38

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TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil Probes/Test Pits

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Sample ID: RSS-SPXX-RB
Sample ID: A2912008
Date Collected: 09/12/2002
Time Collected: 14:15

Date Received: 09/12/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Metals Analysis									
Potassium - Total	81.4	B	20.6		UG/L	CLP-M	09/28/2002	02:31	
Selenium - Total	ND		4.0		UG/L	CLP-M	09/28/2002	02:31	
Silver - Total	ND		0.50		UG/L	CLP-M	09/28/2002	02:31	
Sodium - Total	ND		258		UG/L	CLP-M	09/28/2002	02:31	
Thallium - Total	ND		3.9		UG/L	CLP-M	09/28/2002	02:31	
Vanadium - Total	ND		0.70		UG/L	CLP-M	09/28/2002	02:31	
Zinc - Total	ND		4.1		UG/L	CLP-M	09/28/2002	02:31	
Wet Chemistry Analysis									
Cyanide - Total	ND		0.010		MG/L	CLP-WC	09/17/2002	11:54	NAP

Sample ID: RSS-SS01-S-0
 Lab Sample ID: A2877301
 Date Collected: 09/03/2002
 Time Collected: 15:50

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Aluminum - Total	15600	E	3.4	MG/KG	CLP-M	09/19/2002	02:29	
Antimony - Total	8.0	N	0.57	MG/KG	CLP-M	09/19/2002	02:29	
Arsenic - Total	11.7		0.42	MG/KG	CLP-M	09/19/2002	02:29	
Barium - Total	159	E	0.02	MG/KG	CLP-M	09/19/2002	02:29	
Beryllium - Total	3.1		0.02	MG/KG	CLP-M	09/19/2002	02:29	
Cadmium - Total	3.7		0.03	MG/KG	CLP-M	09/19/2002	02:29	
Calcium - Total	97000	E	21.0	MG/KG	CLP-M	09/20/2002	15:46	
Chromium - Total	327	EN	0.06	MG/KG	CLP-M	09/19/2002	02:29	
Cobalt - Total	12.3	E	0.05	MG/KG	CLP-M	09/19/2002	02:29	
Copper - Total	214	E	0.06	MG/KG	CLP-M	09/19/2002	02:29	
Iron - Total	177000	E	149	MG/KG	CLP-M	09/20/2002	16:21	
Lead - Total	115	E	0.24	MG/KG	CLP-M	09/19/2002	02:29	
Magnesium - Total	21500	E	1.1	MG/KG	CLP-M	09/19/2002	02:29	
Manganese - Total	3760	E	0.21	MG/KG	CLP-M	09/20/2002	16:34	
Mercury - Total	0.058		0.005	MG/KG	CLP-M	09/06/2002	20:24	
Nickel - Total	177	E	0.10	MG/KG	CLP-M	09/19/2002	02:29	
Potassium - Total	1210	E	2.2	MG/KG	CLP-M	09/19/2002	02:29	
Selenium - Total	2.3		0.42	MG/KG	CLP-M	09/19/2002	02:29	
Silver - Total	0.59	B	0.05	MG/KG	CLP-M	09/19/2002	02:29	
Sodium - Total	660		27.0	MG/KG	CLP-M	09/19/2002	02:29	
Thallium - Total	ND		0.41	MG/KG	CLP-M	09/19/2002	02:29	
Vanadium - Total	14.8	E	0.07	MG/KG	CLP-M	09/19/2002	02:29	
Zinc - Total	1650	E	1.4	MG/KG	CLP-M	09/20/2002	16:34	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	8.37		0	S.U.	9045	09/06/2002	14:30	KS

Sample ID: RSS-SS02-S-0
 Sample ID: A2877302
 Date Collected: 09/03/2002
 Time Collected: 16:20

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	8150	E	3.8	MG/KG	CLP-M	09/19/2002	02:51	
Antimony - Total	8.7	N	0.63	MG/KG	CLP-M	09/19/2002	02:51	
Arsenic - Total	18.6		0.47	MG/KG	CLP-M	09/19/2002	02:51	
Barium - Total	195	E	0.02	MG/KG	CLP-M	09/19/2002	02:51	
Beryllium - Total	1.3		0.02	MG/KG	CLP-M	09/19/2002	02:51	
Cadmium - Total	2.9		0.04	MG/KG	CLP-M	09/19/2002	02:51	
Calcium - Total	39300	E	4.6	MG/KG	CLP-M	09/19/2002	02:51	
Chromium - Total	355	EN	0.07	MG/KG	CLP-M	09/19/2002	02:51	
Cobalt - Total	15.0	E	0.06	MG/KG	CLP-M	09/19/2002	02:51	
Copper - Total	425	E	0.07	MG/KG	CLP-M	09/19/2002	02:51	
Iron - Total	180000	E	166	MG/KG	CLP-M	09/20/2002	16:46	
Lead - Total	321	E	0.27	MG/KG	CLP-M	09/19/2002	02:51	
Magnesium - Total	11000	E	1.3	MG/KG	CLP-M	09/19/2002	02:51	
Manganese - Total	4050	E	0.23	MG/KG	CLP-M	09/20/2002	16:50	
Mercury - Total	0.197		0.007	MG/KG	CLP-M	09/06/2002	20:25	
Nickel - Total	258	E	0.12	MG/KG	CLP-M	09/19/2002	02:51	
Potassium - Total	582	BE	2.4	MG/KG	CLP-M	09/19/2002	02:51	
Selenium - Total	3.8		0.47	MG/KG	CLP-M	09/19/2002	02:51	
Silver - Total	1.8		0.06	MG/KG	CLP-M	09/19/2002	02:51	
Sodium - Total	276	B	30.1	MG/KG	CLP-M	09/19/2002	02:51	
Thallium - Total	ND		0.46	MG/KG	CLP-M	09/19/2002	02:51	
Vanadium - Total	14.1	E	0.08	MG/KG	CLP-M	09/19/2002	02:51	
Zinc - Total	1490	E	1.6	MG/KG	CLP-M	09/20/2002	16:50	
Wet Chemistry Analysis								
Cyanide - Total	0.55		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	7.88		0	S.U.	9045	09/06/2002	14:30	KS

Sample ID: RSS-SS03-S-0
 Lab Sample ID: A2887001
 Date Collected: 09/05/2002
 Time Collected: 16:40

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	18600	E	3.8	MG/KG	CLP-M	09/19/2002	07:56	
Antimony - Total	10.3	N	0.64	MG/KG	CLP-M	09/19/2002	07:56	
Arsenic - Total	16.9		0.47	MG/KG	CLP-M	09/19/2002	07:56	
Barium - Total	281	E	0.02	MG/KG	CLP-M	09/19/2002	07:56	
Beryllium - Total	3.6		0.02	MG/KG	CLP-M	09/19/2002	07:56	
Cadmium - Total	6.0		0.04	MG/KG	CLP-M	09/19/2002	07:56	
Calcium - Total	129000	E	23.7	MG/KG	CLP-M	09/20/2002	15:08	
Chromium - Total	403	EM	0.07	MG/KG	CLP-M	09/19/2002	07:56	
Cobalt - Total	16.7	E	0.06	MG/KG	CLP-M	09/19/2002	07:56	
Copper - Total	273	E	0.07	MG/KG	CLP-M	09/19/2002	07:56	
Iron - Total	162000	E	168	MG/KG	CLP-M	09/20/2002	15:33	
Lead - Total	907	E	0.27	MG/KG	CLP-M	09/19/2002	07:56	
Magnesium - Total	32700	E	1.3	MG/KG	CLP-M	09/19/2002	07:56	
Manganese - Total	3720	E	0.47	MG/KG	CLP-M	09/20/2002	15:08	
Mercury - Total	2.4	*	0.006	MG/KG	CLP-M	09/16/2002	22:03	
Nickel - Total	163	E	0.12	MG/KG	CLP-M	09/19/2002	07:56	
Potassium - Total	1290	E	2.4	MG/KG	CLP-M	09/19/2002	07:56	
Selenium - Total	3.6		0.47	MG/KG	CLP-M	09/19/2002	07:56	
Silver - Total	0.71	B	0.06	MG/KG	CLP-M	09/19/2002	07:56	
Sodium - Total	718		30.4	MG/KG	CLP-M	09/19/2002	07:56	
Thallium - Total	ND		0.46	MG/KG	CLP-M	09/19/2002	07:56	
Vanadium - Total	18.0	E	0.08	MG/KG	CLP-M	09/19/2002	07:56	
Zinc - Total	1830	E	3.2	MG/KG	CLP-M	09/20/2002	15:08	
Wet Chemistry Analysis								
Cyanide - Total	1.0		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	8.08		0	S.U.	9045	09/10/2002	15:45	KS

Sample ID: RSS-SS04-S-0
 Lab Sample ID: A2887002
 Date Collected: 09/05/2002
 Time Collected: 14:15

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Aluminum - Total	9040	E	3.6	MG/KG	CLP-M	09/19/2002	09:02	
Antimony - Total	27.3	N*	0.59	MG/KG	CLP-M	09/19/2002	09:02	
Arsenic - Total	28.0		0.44	MG/KG	CLP-M	09/19/2002	09:02	
Barium - Total	481	E	0.02	MG/KG	CLP-M	09/19/2002	09:02	
Beryllium - Total	1.2	*	0.02	MG/KG	CLP-M	09/19/2002	09:02	
Cadmium - Total	118	E	0.03	MG/KG	CLP-M	09/19/2002	09:02	
Calcium - Total	74500	E	22.1	MG/KG	CLP-M	09/20/2002	14:39	
Chromium - Total	966	E	0.07	MG/KG	CLP-M	09/19/2002	09:02	
Cobalt - Total	12.0	E	0.05	MG/KG	CLP-M	09/19/2002	09:02	
Copper - Total	717	E	0.07	MG/KG	CLP-M	09/19/2002	09:02	
Iron - Total	274000	E	156	MG/KG	CLP-M	09/20/2002	14:35	
Lead - Total	5940	E	1.6	MG/KG	CLP-M	09/20/2002	14:39	
Magnesium - Total	27300	E	1.2	MG/KG	CLP-M	09/19/2002	09:02	
Manganese - Total	33500	E	4.4	MG/KG	CLP-M	09/20/2002	14:35	
Mercury - Total	1.2	*	0.006	MG/KG	CLP-M	09/16/2002	22:04	
Nickel - Total	191	N*	0.11	MG/KG	CLP-M	09/19/2002	09:02	
Potassium - Total	397	BE	2.3	MG/KG	CLP-M	09/19/2002	09:02	
Selenium - Total	6.1		0.44	MG/KG	CLP-M	09/19/2002	09:02	
Silver - Total	15.5		0.05	MG/KG	CLP-M	09/19/2002	09:02	
Sodium - Total	5620		28.4	MG/KG	CLP-M	09/19/2002	09:02	
Thallium - Total	ND	*	0.43	MG/KG	CLP-M	09/19/2002	09:02	
Vanadium - Total	42.1	E	0.08	MG/KG	CLP-M	09/19/2002	09:02	
Zinc - Total	154000		225	MG/KG	CLP-M	09/26/2002	15:24	
Wet Chemistry Analysis								
Cyanide - Total	5.2		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.50		0	S.U.	9045	09/10/2002	15:45	KS

Sample ID: RSS-SS05-S-0
 Lab Sample ID: A2887003
 Date Collected: 09/05/2002
 Time Collected: 16:15

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized	Analyzed	
Metals Analysis								
Aluminum - Total	22400	E	3.7	MG/KG	CLP-M	09/19/2002	09:28	
Antimony - Total	5.8	BN*	0.62	MG/KG	CLP-M	09/19/2002	09:28	
Arsenic - Total	8.9		0.46	MG/KG	CLP-M	09/19/2002	09:28	
Barium - Total	588	E	0.02	MG/KG	CLP-M	09/19/2002	09:28	
Beryllium - Total	4.1	*	0.02	MG/KG	CLP-M	09/19/2002	09:28	
Cadmium - Total	12.8	E	0.03	MG/KG	CLP-M	09/19/2002	09:28	
Calcium - Total	153000	E	23.0	MG/KG	CLP-M	09/20/2002	14:43	
Chromium - Total	114	E	0.07	MG/KG	CLP-M	09/19/2002	09:28	
Cobalt - Total	6.1	E	0.06	MG/KG	CLP-M	09/19/2002	09:28	
Copper - Total	287	E	0.07	MG/KG	CLP-M	09/19/2002	09:28	
Iron - Total	44900	E	1.6	MG/KG	CLP-M	09/19/2002	09:28	
Lead - Total	528	E	0.26	MG/KG	CLP-M	09/19/2002	09:28	
Magnesium - Total	30900	E	1.2	MG/KG	CLP-M	09/19/2002	09:28	
Manganese - Total	3900	E	0.23	MG/KG	CLP-M	09/20/2002	14:47	
Mercury - Total	0.569	*	0.006	MG/KG	CLP-M	09/16/2002	22:06	
Nickel - Total	350	N*	0.11	MG/KG	CLP-M	09/19/2002	09:28	
Potassium - Total	1630	E	2.4	MG/KG	CLP-M	09/19/2002	09:28	
Selenium - Total	2.1		0.46	MG/KG	CLP-M	09/19/2002	09:28	
Silver - Total	0.73	B	0.06	MG/KG	CLP-M	09/19/2002	09:28	
Sodium - Total	975		29.6	MG/KG	CLP-M	09/19/2002	09:28	
Thallium - Total	ND	*	0.45	MG/KG	CLP-M	09/19/2002	09:28	
Vanadium - Total	19.4	E	0.08	MG/KG	CLP-M	09/19/2002	09:28	
Zinc - Total	5310		3.1	MG/KG	CLP-M	09/20/2002	14:43	
Wet Chemistry Analysis								
Cyanide - Total	1.3		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.05		0	S.U.	9045	09/10/2002	15:45	KS

Sample ID: RSS-SS06-S-0
Lab Sample ID: A2887004
Date Collected: 09/05/2002
Time Collected: 16:55

Date Received: 09/06/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Aluminum - Total	13300	E	3.6	MG/KG	CLP-M	09/19/2002	09:33	
Antimony - Total	4.9	BN*	0.59	MG/KG	CLP-M	09/19/2002	09:33	
Arsenic - Total	13.9		0.44	MG/KG	CLP-M	09/19/2002	09:33	
Barium - Total	570	E	0.02	MG/KG	CLP-M	09/19/2002	09:33	
Beryllium - Total	1.5	*	0.02	MG/KG	CLP-M	09/19/2002	09:33	
Cadmium - Total	7.4	E	0.03	MG/KG	CLP-M	09/19/2002	09:33	
Calcium - Total	91400		22.00000	MG/KG	CLP-M	09/20/2002	14:51	
Chromium - Total	182	E	0.07	MG/KG	CLP-M	09/19/2002	09:33	
Cobalt - Total	9.2	E	0.05	MG/KG	CLP-M	09/19/2002	09:33	
Copper - Total	180	E	0.07	MG/KG	CLP-M	09/19/2002	09:33	
Iron - Total	76700		15.50000	MG/KG	CLP-M	09/20/2002	14:51	
Lead - Total	557	E	0.25	MG/KG	CLP-M	09/19/2002	09:33	
Magnesium - Total	17000	E	1.2	MG/KG	CLP-M	09/19/2002	09:33	
Manganese - Total	3920		0.44000	MG/KG	CLP-M	09/20/2002	14:51	
Mercury - Total	0.629	*	0.006	MG/KG	CLP-M	09/16/2002	22:07	
Nickel - Total	104	N*	0.11	MG/KG	CLP-M	09/19/2002	09:33	
Potassium - Total	1430	E	2.3	MG/KG	CLP-M	09/19/2002	09:33	
Selenium - Total	2.0		0.44	MG/KG	CLP-M	09/19/2002	09:33	
Silver - Total	1.1		0.05	MG/KG	CLP-M	09/19/2002	09:33	
Sodium - Total	723		28.2	MG/KG	CLP-M	09/19/2002	09:33	
Thallium - Total	ND	*	0.43	MG/KG	CLP-M	09/19/2002	09:33	
Vanadium - Total	35.9	E	0.08	MG/KG	CLP-M	09/19/2002	09:33	
Zinc - Total	6770		22.40000	MG/KG	CLP-M	09/23/2002	14:40	
Wet Chemistry Analysis								
Cyanide - Total	1.9		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.43		0	S.U.	9045	09/10/2002	15:45	KS

Sample ID: RSS-SS07-S-0
Lab Sample ID: A2892101
Date Collected: 09/09/2002
Time Collected: 11:35

Date Received: 09/10/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Aluminum - Total	12100	E	3.4	MG/KG	CLP-M	09/19/2002	08:09	
Antimony - Total	8.9	N	0.56	MG/KG	CLP-M	09/19/2002	08:09	
Arsenic - Total	14.1		0.41	MG/KG	CLP-M	09/19/2002	08:09	
Barium - Total	323	E	0.02	MG/KG	CLP-M	09/19/2002	08:09	
Beryllium - Total	1.9		0.02	MG/KG	CLP-M	09/19/2002	08:09	
Cadmium - Total	4.5		0.03	MG/KG	CLP-M	09/19/2002	08:09	
Calcium - Total	92100	E	20.8	MG/KG	CLP-M	09/27/2002	03:10	
Chromium - Total	417	EN	0.06	MG/KG	CLP-M	09/19/2002	08:09	
Cobalt - Total	10.0	E	0.05	MG/KG	CLP-M	09/19/2002	08:09	
Copper - Total	240	E	0.06	MG/KG	CLP-M	09/19/2002	08:09	
Iron - Total	121000	E	14.7	MG/KG	CLP-M	09/27/2002	03:10	
Lead - Total	306	E	0.24	MG/KG	CLP-M	09/19/2002	08:09	
Magnesium - Total	15600	E	1.1	MG/KG	CLP-M	09/19/2002	08:09	
Manganese - Total	5040	E	0.41	MG/KG	CLP-M	09/27/2002	03:10	
Mercury - Total	0.254	*	0.006	MG/KG	CLP-M	09/16/2002	22:14	
Nickel - Total	206	E	0.10	MG/KG	CLP-M	09/19/2002	08:09	
Potassium - Total	1050	E	2.1	MG/KG	CLP-M	09/19/2002	08:09	
Selenium - Total	3.7		0.41	MG/KG	CLP-M	09/19/2002	08:09	
Silver - Total	0.61	B	0.05	MG/KG	CLP-M	09/19/2002	08:09	
Sodium - Total	489	B	26.7	MG/KG	CLP-M	09/19/2002	08:09	
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/19/2002	08:09	
Vanadium - Total	45.1	E	0.07	MG/KG	CLP-M	09/19/2002	08:09	
Zinc - Total	3140	E	2.8	MG/KG	CLP-M	09/27/2002	03:10	
Wet Chemistry Analysis								
Cyanide - Total	1.1		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.10		0	S.U.	9045	09/11/2002	15:47	KS

Sample ID: RSS-SS08-S-0
 Lab Sample ID: A2892102
 Date Collected: 09/09/2002
 Time Collected: 16:10

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	3020	E	3.3	MG/KG	CLP-M	09/19/2002	08:14	
Antimony - Total	12.8	N	0.55	MG/KG	CLP-M	09/19/2002	08:14	
Arsenic - Total	3.4		0.41	MG/KG	CLP-M	09/19/2002	08:14	
Barium - Total	112	E	0.02	MG/KG	CLP-M	09/19/2002	08:14	
Beryllium - Total	0.23	B	0.02	MG/KG	CLP-M	09/19/2002	08:14	
Cadmium - Total	3.4		0.03	MG/KG	CLP-M	09/19/2002	08:14	
Calcium - Total	6690	E	4.0	MG/KG	CLP-M	09/19/2002	08:14	
Chromium - Total	116	EN	0.06	MG/KG	CLP-M	09/19/2002	08:14	
Cobalt - Total	3.2	BE	0.05	MG/KG	CLP-M	09/19/2002	08:14	
Copper - Total	50.9	E	0.06	MG/KG	CLP-M	09/19/2002	08:14	
Iron - Total	25000	E	1.4	MG/KG	CLP-M	09/19/2002	08:14	
Lead - Total	723	E	0.23	MG/KG	CLP-M	09/19/2002	08:14	
Magnesium - Total	2560	E	1.1	MG/KG	CLP-M	09/19/2002	08:14	
Manganese - Total	1480	E	0.01	MG/KG	CLP-M	09/19/2002	08:14	
Mercury - Total	0.199	*	0.005	MG/KG	CLP-M	09/16/2002	22:16	
Nickel - Total	66.6	E	0.10	MG/KG	CLP-M	09/19/2002	08:14	
Potassium - Total	333	BE	2.1	MG/KG	CLP-M	09/19/2002	08:14	
Selenium - Total	1.8		0.41	MG/KG	CLP-M	09/19/2002	08:14	
Silver - Total	0.74	B	0.05	MG/KG	CLP-M	09/19/2002	08:14	
Sodium - Total	348	B	26.2	MG/KG	CLP-M	09/19/2002	08:14	
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/19/2002	08:14	
Vanadium - Total	9.2	E	0.07	MG/KG	CLP-M	09/19/2002	08:14	
Zinc - Total	1690	E	1.4	MG/KG	CLP-M	09/27/2002	03:14	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	7.88		0	S.U.	9045	09/11/2002	15:47	KS

Sample ID: RSS-SS09-S-0
 Lab Sample ID: A2892103
 Date Collected: 09/09/2002
 Time Collected: 17:00

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	9400	E	3.3	MG/KG	CLP-M	09/19/2002	08:18	
Antimony - Total	3.4	BN	0.55	MG/KG	CLP-M	09/19/2002	08:18	
Arsenic - Total	16.7		0.41	MG/KG	CLP-M	09/19/2002	08:18	
Barium - Total	192	E	0.02	MG/KG	CLP-M	09/19/2002	08:18	
Beryllium - Total	0.67		0.02	MG/KG	CLP-M	09/19/2002	08:18	
Cadmium - Total	7.4		0.03	MG/KG	CLP-M	09/19/2002	08:18	
Calcium - Total	41400	E	4.0	MG/KG	CLP-M	09/19/2002	08:18	
Chromium - Total	135	EN	0.06	MG/KG	CLP-M	09/19/2002	08:18	
Cobalt - Total	14.5	E	0.05	MG/KG	CLP-M	09/19/2002	08:18	
Copper - Total	133	E	0.06	MG/KG	CLP-M	09/19/2002	08:18	
Iron - Total	65600	E	14.4	MG/KG	CLP-M	09/27/2002	03:18	
Lead - Total	299	E	0.23	MG/KG	CLP-M	09/19/2002	08:18	
Magnesium - Total	12700	E	1.1	MG/KG	CLP-M	09/19/2002	08:18	
Manganese - Total	2040	E	0.41	MG/KG	CLP-M	09/27/2002	03:18	
Mercury - Total	0.060	*	0.005	MG/KG	CLP-M	09/16/2002	22:18	
Nickel - Total	123	E	0.10	MG/KG	CLP-M	09/19/2002	08:18	
Potassium - Total	2180	E	2.1	MG/KG	CLP-M	09/19/2002	08:18	
Selenium - Total	4.1		0.41	MG/KG	CLP-M	09/19/2002	08:18	
Silver - Total	0.92	B	0.05	MG/KG	CLP-M	09/19/2002	08:18	
Sodium - Total	1280		26.2	MG/KG	CLP-M	09/19/2002	08:18	
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/19/2002	08:18	
Vanadium - Total	17.9	E	0.07	MG/KG	CLP-M	09/19/2002	08:18	
Zinc - Total	8880	E	13.7	MG/KG	CLP-M	09/27/2002	03:23	
Wet Chemistry Analysis								
Cyanide - Total	0.82		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.54		0	S.U.	9045	09/11/2002	15:47	KS

Sample ID: RSS-SS10-S-0
 Lab Sample ID: A2892104
 Date Collected: 09/09/2002
 Time Collected: 18:35

Date Received: 09/10/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Aluminum - Total	24400	E	3.5	MG/KG	CLP-M	09/19/2002	08:23	
Antimony - Total	5.6	BN	0.59	MG/KG	CLP-M	09/19/2002	08:23	
Arsenic - Total	10.9		0.43	MG/KG	CLP-M	09/19/2002	08:23	
Barium - Total	245	E	0.02	MG/KG	CLP-M	09/19/2002	08:23	
Beryllium - Total	4.8		0.02	MG/KG	CLP-M	09/19/2002	08:23	
Cadmium - Total	2.5		0.03	MG/KG	CLP-M	09/19/2002	08:23	
Calcium - Total	157000	E	21.8	MG/KG	CLP-M	09/27/2002	03:36	
Chromium - Total	212	EN	0.07	MG/KG	CLP-M	09/19/2002	08:23	
Cobalt - Total	9.0	E	0.05	MG/KG	CLP-M	09/19/2002	08:23	
Copper - Total	79.2	E	0.07	MG/KG	CLP-M	09/19/2002	08:23	
Iron - Total	41400	E	1.5	MG/KG	CLP-M	09/19/2002	08:23	
Lead - Total	214	E	0.25	MG/KG	CLP-M	09/19/2002	08:23	
Magnesium - Total	30600	E	1.2	MG/KG	CLP-M	09/19/2002	08:23	
Manganese - Total	2950	E	0.43	MG/KG	CLP-M	09/27/2002	03:36	
Mercury - Total	0.250	*	0.006	MG/KG	CLP-M	09/16/2002	22:19	
Nickel - Total	116	E	0.11	MG/KG	CLP-M	09/19/2002	08:23	
Potassium - Total	1940	E	2.2	MG/KG	CLP-M	09/19/2002	08:23	
Selenium - Total	2.8		0.43	MG/KG	CLP-M	09/19/2002	08:23	
Silver - Total	0.31	B	0.05	MG/KG	CLP-M	09/19/2002	08:23	
Sodium - Total	778		28.0	MG/KG	CLP-M	09/19/2002	08:23	
Thallium - Total	ND		0.42	MG/KG	CLP-M	09/19/2002	08:23	
Vanadium - Total	20.8	E	0.08	MG/KG	CLP-M	09/19/2002	08:23	
Zinc - Total	1640	E	2.9	MG/KG	CLP-M	09/27/2002	03:36	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/17/2002	11:54	NAP
Leachable pH	8.77		0	S.U.	9045	09/11/2002	15:47	KS

Sample ID: RSS-SS11-S-0
 Lab Sample ID: A2911901
 Date Collected: 09/11/2002
 Time Collected: 17:40

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		33	UG/KG	95-3	10/21/2002	
4,4'-DDE	ND		33	UG/KG	95-3	10/21/2002	
4,4'-DDT	ND		33	UG/KG	95-3	10/21/2002	
Aldrin	ND		17	UG/KG	95-3	10/21/2002	
alpha-BHC	ND		17	UG/KG	95-3	10/21/2002	
alpha-Chlordane	ND		17	UG/KG	95-3	10/21/2002	
Aroclor 1016	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1221	ND		680	UG/KG	95-3	10/21/2002	
Aroclor 1232	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1242	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1248	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1254	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1260	ND		330	UG/KG	95-3	10/21/2002	
beta-BHC	ND		17	UG/KG	95-3	10/21/2002	
delta-BHC	ND		17	UG/KG	95-3	10/21/2002	
Dieldrin	ND		33	UG/KG	95-3	10/21/2002	
Endosulfan I	ND		17	UG/KG	95-3	10/21/2002	
Endosulfan II	ND		33	UG/KG	95-3	10/21/2002	
Endosulfan Sulfate	ND		33	UG/KG	95-3	10/21/2002	
Endrin	ND		33	UG/KG	95-3	10/21/2002	
Endrin aldehyde	ND		33	UG/KG	95-3	10/21/2002	
Endrin ketone	ND		33	UG/KG	95-3	10/21/2002	
gamma-BHC (Lindane)	ND		17	UG/KG	95-3	10/21/2002	
gamma-Chlordane	ND		17	UG/KG	95-3	10/21/2002	
Heptachlor	ND		17	UG/KG	95-3	10/21/2002	
Heptachlor epoxide	ND		17	UG/KG	95-3	10/21/2002	
Methoxychlor	29	JP	170	UG/KG	95-3	10/21/2002	
Toxaphene	ND		1700	UG/KG	95-3	10/21/2002	

Metals Analysis

Aluminum - Total	23200	E	3.4	MG/KG	CLP-M	09/25/2002	19:49
Antimony - Total	3.0	B	0.23	MG/KG	CLP-M	09/25/2002	19:49
Arsenic - Total	11.9		0.24	MG/KG	CLP-M	09/25/2002	19:49
Barium - Total	288	E	0.02	MG/KG	CLP-M	09/25/2002	19:49
Beryllium - Total	4.9		0.03	MG/KG	CLP-M	09/25/2002	19:49
Cadmium - Total	2.3		0.03	MG/KG	CLP-M	09/25/2002	19:49
Calcium - Total	156000	E	40.9	MG/KG	CLP-M	09/28/2002	04:19
Chromium - Total	169	E	0.06	MG/KG	CLP-M	09/25/2002	19:49
Cobalt - Total	5.7		0.16	MG/KG	CLP-M	09/25/2002	19:49
Copper - Total	97.1	E	0.09	MG/KG	CLP-M	09/25/2002	19:49
Iron - Total	83100	E	14.4	MG/KG	CLP-M	09/28/2002	04:19
Lead - Total	131	E	0.16	MG/KG	CLP-M	09/25/2002	19:49
Magnesium - Total	33000	E	0.79	MG/KG	CLP-M	09/25/2002	19:49
Manganese - Total	3920	E	0.10	MG/KG	CLP-M	09/28/2002	04:19
Mercury - Total	0.167	*	0.005	MG/KG	CLP-M	09/16/2002	22:23
Nickel - Total	76.7	E	0.49	MG/KG	CLP-M	09/25/2002	19:49
Potassium - Total	1610	E	3.1	MG/KG	CLP-M	09/25/2002	19:49
Selenium - Total	2.6		0.51	MG/KG	CLP-M	09/25/2002	19:49
Silver - Total	0.48	B	0.09	MG/KG	CLP-M	09/25/2002	19:49

Sample ID: RSS-SS11-S-0
 Lab Sample ID: A2911901
 Collected: 09/11/2002
 Time Collected: 17:40

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Sodium - Total	865		24.0	MG/KG	CLP-M	09/25/2002	19:49	
Thallium - Total	ND		0.37	MG/KG	CLP-M	09/25/2002	19:49	
Vanadium - Total	14.6	E	0.05	MG/KG	CLP-M	09/25/2002	19:49	
Zinc - Total	2540	E	4.3	MG/KG	CLP-M	09/28/2002	04:19	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	8.52		0	S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SS11-S-0
 Lab Sample ID: A2911901RE
 Date Collected: 09/11/2002
 Time Collected: 17:40

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
1,2-Dichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
1,3-Dichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
1,4-Dichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2,2'-Oxybis(1-Chloropropane)	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2,4,5-Trichlorophenol	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
2,4,6-Trichlorophenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2,4-Dichlorophenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2,4-Dimethylphenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2,4-Dinitrophenol	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
2,4-Dinitrotoluene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2,6-Dinitrotoluene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2-Chloronaphthalene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2-Chlorophenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2-Methylnaphthalene	130	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
2-Methylphenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
2-Nitroaniline	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
2-Nitrophenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
3,3'-Dichlorobenzidine	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
3-Nitroaniline	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
4,6-Dinitro-2-methylphenol	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
4-Bromophenyl phenyl ether	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
4-Chloro-3-methylphenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
4-Chloroaniline	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
4-Chlorophenyl phenyl ether	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
4-Methylphenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
4-Nitroaniline	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
4-Nitrophenol	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
Acenaphthene	860	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Acenaphthylene	89	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Anthracene	2100	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Benzo(a)anthracene	6600		3400	UG/KG	95-2	10/08/2002	16:44	PM
Benzo(a)pyrene	6400		3400	UG/KG	95-2	10/08/2002	16:44	PM
Benzo(b)fluoranthene	6800		3400	UG/KG	95-2	10/08/2002	16:44	PM
Benzo(ghi)perylene	2700	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Benzo(k)fluoranthene	4400		3400	UG/KG	95-2	10/08/2002	16:44	PM
Bis(2-chloroethoxy) methane	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Bis(2-chloroethyl) ether	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Bis(2-ethylhexyl) phthalate	4300	B	3400	UG/KG	95-2	10/08/2002	16:44	PM
Butyl benzyl phthalate	7300		3400	UG/KG	95-2	10/08/2002	16:44	PM
Carbazole	970	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Chrysene	6900		3400	UG/KG	95-2	10/08/2002	16:44	PM
Di-n-butyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Di-n-octyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Dibenzo(a,h)anthracene	1900	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Dibenzofuran	400	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Diethyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Dimethyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Fluoranthene	13000		3400	UG/KG	95-2	10/08/2002	16:44	PM

Sample ID: RSS-SS11-S-0
 Lab Sample ID: A2911901RE
 Date Collected: 09/11/2002
 Time Collected: 17:40

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	670	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Hexachlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Hexachlorobutadiene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Hexachlorocyclopentadiene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Hexachloroethane	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Indeno(1,2,3-cd)pyrene	3600		3400	UG/KG	95-2	10/08/2002	16:44	PM
Isophorone	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
N-Nitroso-Di-n-propylamine	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
N-nitrosodiphenylamine	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Naphthalene	480	J	3400	UG/KG	95-2	10/08/2002	16:44	PM
Nitrobenzene	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Pentachlorophenol	ND		8100	UG/KG	95-2	10/08/2002	16:44	PM
Phenanthrene	8000		3400	UG/KG	95-2	10/08/2002	16:44	PM
Phenol	ND		3400	UG/KG	95-2	10/08/2002	16:44	PM
Pyrene	9000		3400	UG/KG	95-2	10/08/2002	16:44	PM

Sample ID: RSS-SS12-S-0
 Lab Sample ID: A2911902
 Date Collected: 09/11/2002
 Time Collected: 18:05

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time	
						Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		34	UG/KG	95-3	10/21/2002	
4,4'-DDE	ND		34	UG/KG	95-3	10/21/2002	
4,4'-DDT	43		34	UG/KG	95-3	10/21/2002	
Aldrin	ND		18	UG/KG	95-3	10/21/2002	
alpha-BHC	ND		18	UG/KG	95-3	10/21/2002	
alpha-Chlordane	ND		18	UG/KG	95-3	10/21/2002	
Aroclor 1016	ND		340	UG/KG	95-3	10/21/2002	
Aroclor 1221	ND		690	UG/KG	95-3	10/21/2002	
Aroclor 1232	ND		340	UG/KG	95-3	10/21/2002	
Aroclor 1242	ND		340	UG/KG	95-3	10/21/2002	
Aroclor 1248	ND		340	UG/KG	95-3	10/21/2002	
Aroclor 1254	ND		340	UG/KG	95-3	10/21/2002	
Aroclor 1260	ND		340	UG/KG	95-3	10/21/2002	
beta-BHC	ND		18	UG/KG	95-3	10/21/2002	
delta-BHC	ND		18	UG/KG	95-3	10/21/2002	
Dieldrin	ND		34	UG/KG	95-3	10/21/2002	
Endosulfan I	ND		18	UG/KG	95-3	10/21/2002	
Endosulfan II	ND		34	UG/KG	95-3	10/21/2002	
Endosulfan Sulfate	ND		34	UG/KG	95-3	10/21/2002	
Endrin	ND		34	UG/KG	95-3	10/21/2002	
Endrin aldehyde	ND		34	UG/KG	95-3	10/21/2002	
Endrin ketone	ND		34	UG/KG	95-3	10/21/2002	
gamma-BHC (Lindane)	ND		18	UG/KG	95-3	10/21/2002	
gamma-Chlordane	ND		18	UG/KG	95-3	10/21/2002	
Heptachlor	ND		18	UG/KG	95-3	10/21/2002	
Heptachlor epoxide	ND		18	UG/KG	95-3	10/21/2002	
Methoxychlor	120	JP	180	UG/KG	95-3	10/21/2002	
Toxaphene	ND		1800	UG/KG	95-3	10/21/2002	
Metals Analysis							
Aluminum - Total	16600	E	3.4	MG/KG	CLP-M	09/25/2002 20:01	
Antimony - Total	5.1	B	0.23	MG/KG	CLP-M	09/25/2002 20:01	
Arsenic - Total	18.8		0.24	MG/KG	CLP-M	09/25/2002 20:01	
Barium - Total	287	E	0.02	MG/KG	CLP-M	09/25/2002 20:01	
Beryllium - Total	3.3		0.03	MG/KG	CLP-M	09/25/2002 20:01	
Cadmium - Total	20.4		0.03	MG/KG	CLP-M	09/25/2002 20:01	
Calcium - Total	121000	E	40.5	MG/KG	CLP-M	09/28/2002 04:32	
Chromium - Total	319	E	0.06	MG/KG	CLP-M	09/25/2002 20:01	
Cobalt - Total	8.6		0.15	MG/KG	CLP-M	09/25/2002 20:01	
Copper - Total	190	E	0.09	MG/KG	CLP-M	09/25/2002 20:01	
Iron - Total	150000	E	14.3	MG/KG	CLP-M	09/28/2002 04:32	
Lead - Total	805	E	0.15	MG/KG	CLP-M	09/25/2002 20:01	
Magnesium - Total	29300	E	0.78	MG/KG	CLP-M	09/25/2002 20:01	
Manganese - Total	9020	E	0.10	MG/KG	CLP-M	09/28/2002 04:32	
Mercury - Total	0.858	*	0.005	MG/KG	CLP-M	09/16/2002 22:24	
Nickel - Total	91.8	E	0.48	MG/KG	CLP-M	09/25/2002 20:01	
Potassium - Total	1140	E	3.0	MG/KG	CLP-M	09/25/2002 20:01	
Selenium - Total	3.1		0.50	MG/KG	CLP-M	09/25/2002 20:01	
Silver - Total	3.3		0.09	MG/KG	CLP-M	09/25/2002 20:01	

Sample ID: RSS-SS12-S-0
Lab Sample ID: A2911902
e Collected: 09/11/2002
e Collected: 18:05

Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Metals Analysis									
Sodium - Total	1990		23.8		MG/KG	CLP-M	09/25/2002	20:01	
Thallium - Total	ND		0.37		MG/KG	CLP-M	09/25/2002	20:01	
Vanadium - Total	22.0	E	0.05		MG/KG	CLP-M	09/25/2002	20:01	
Zinc - Total	26800	E	27.7		MG/KG	CLP-M	10/04/2002	06:01	
Wet Chemistry Analysis									
Cyanide - Total	ND		0.50		MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	8.35		0		S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SS12-S-0
Lab Sample ID: A2911902RE
Date Collected: 09/11/2002
Time Collected: 18:05

Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
1,2-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
1,3-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
1,4-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2,2'-Oxybis(1-Chloropropane)	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2,4,5-Trichlorophenol	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
2,4,6-Trichlorophenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2,4-Dichlorophenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2,4-Dimethylphenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2,4-Dinitrophenol	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
2,4-Dinitrotoluene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2,6-Dinitrotoluene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2-Chloronaphthalene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2-Chlorophenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2-Methylnaphthalene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2-Methylphenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
2-Nitroaniline	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
2-Nitrophenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
3,3'-Dichlorobenzidine	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
3-Nitroaniline	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
4,6-Dinitro-2-methylphenol	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
4-Bromophenyl phenyl ether	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
4-Chloro-3-methylphenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
4-Chloroaniline	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
4-Chlorophenyl phenyl ether	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
4-Methylphenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
4-Nitroaniline	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
4-Nitrophenol	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
Acenaphthene	350	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Acenaphthylene	120	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Anthracene	700	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Benzo(a)anthracene	3200		1700	UG/KG	95-2	10/08/2002	17:19	PM
Benzo(a)pyrene	3200		1700	UG/KG	95-2	10/08/2002	17:19	PM
Benzo(b)fluoranthene	3900		1700	UG/KG	95-2	10/08/2002	17:19	PM
Benzo(ghi)perylene	1400	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Benzo(k)fluoranthene	2600		1700	UG/KG	95-2	10/08/2002	17:19	PM
Bis(2-chloroethoxy) methane	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Bis(2-chloroethyl) ether	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Bis(2-ethylhexyl) phthalate	1700	B	1700	UG/KG	95-2	10/08/2002	17:19	PM
Butyl benzyl phthalate	28000	E	1700	UG/KG	95-2	10/08/2002	17:19	PM
Carbazole	530	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Chrysene	3600		1700	UG/KG	95-2	10/08/2002	17:19	PM
Di-n-butyl phthalate	300	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Di-n-octyl phthalate	96	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Dibenzo(a,h)anthracene	910	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Dibenzofuran	150	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Diethyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Dimethyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Fluoranthene	7000		1700	UG/KG	95-2	10/08/2002	17:19	PM

Sample ID: RSS-SS12-S-0
 Lab Sample ID: A2911902RE
 e Collected: 09/11/2002
 Time Collected: 18:05

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	250	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Hexachlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Hexachlorobutadiene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Hexachlorocyclopentadiene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Hexachloroethane	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Indeno(1,2,3-cd)pyrene	1800		1700	UG/KG	95-2	10/08/2002	17:19	PM
Isophorone	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
N-Nitroso-Di-n-propylamine	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
N-nitrosodiphenylamine	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Naphthalene	130	J	1700	UG/KG	95-2	10/08/2002	17:19	PM
Nitrobenzene	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Pentachlorophenol	ND		4200	UG/KG	95-2	10/08/2002	17:19	PM
Phenanthrene	3900		1700	UG/KG	95-2	10/08/2002	17:19	PM
Phenol	ND		1700	UG/KG	95-2	10/08/2002	17:19	PM
Pyrene	4800		1700	UG/KG	95-2	10/08/2002	17:19	PM

Sample ID: RSS-SS12-S-0 REDL
Lab Sample ID: A2911902DR
Date Collected: 09/11/2002
Time Collected: 18:05

Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
1,2-Dichlorobenzene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
1,3-Dichlorobenzene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
1,4-Dichlorobenzene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2,2'-Oxybis(1-Chloropropane)	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2,4,5-Trichlorophenol	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
2,4,6-Trichlorophenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2,4-Dichlorophenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2,4-Dimethylphenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2,4-Dinitrophenol	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
2,4-Dinitrotoluene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2,6-Dinitrotoluene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2-Chloronaphthalene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2-Chlorophenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2-Methylnaphthalene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2-Methylphenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
2-Nitroaniline	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
2-Nitrophenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
3,3'-Dichlorobenzidine	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
3-Nitroaniline	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
4,6-Dinitro-2-methylphenol	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
4-Bromophenyl phenyl ether	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
4-Chloro-3-methylphenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
4-Chloroaniline	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
4-Chlorophenyl phenyl ether	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
4-Methylphenol	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
4-Nitroaniline	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
4-Nitrophenol	ND		17000	UG/KG	95-2	10/09/2002 09:28	PM
Acenaphthene	250	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Acenaphthylene	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Anthracene	600	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Benzo(a)anthracene	3200	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Benzo(a)pyrene	3100	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Benzo(b)fluoranthene	3700	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Benzo(ghi)perylene	2100	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Benzo(k)fluoranthene	2300	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Bis(2-chloroethoxy) methane	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Bis(2-chloroethyl) ether	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Bis(2-ethylhexyl) phthalate	1600	BDJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Butyl benzyl phthalate	37000	D	6900	UG/KG	95-2	10/09/2002 09:28	PM
Carbazole	360	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Chrysene	3600	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Di-n-butyl phthalate	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Di-n-octyl phthalate	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Dibenzo(a,h)anthracene	1100	DJ	6900	UG/KG	95-2	10/09/2002 09:28	PM
Dibenzofuran	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Diethyl phthalate	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Dimethyl phthalate	ND		6900	UG/KG	95-2	10/09/2002 09:28	PM
Fluoranthene	8000	D	6900	UG/KG	95-2	10/09/2002 09:28	PM

Sample ID: RSS-SS12-S-0 REDL
 Lab Sample ID: A2911902DR
 Date Collected: 09/11/2002
 Time Collected: 18:05

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Hexachlorobenzene	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Hexachlorobutadiene	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Hexachlorocyclopentadiene	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Hexachloroethane	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Indeno(1,2,3-cd)pyrene	2400	DJ	6900	UG/KG	95-2	10/09/2002	09:28	PM
Isophorone	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
N-Nitroso-Di-n-propylamine	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
N-nitrosodiphenylamine	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Naphthalene	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Nitrobenzene	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Pentachlorophenol	ND		17000	UG/KG	95-2	10/09/2002	09:28	PM
Phenanthrene	3900	DJ	6900	UG/KG	95-2	10/09/2002	09:28	PM
Phenol	ND		6900	UG/KG	95-2	10/09/2002	09:28	PM
Pyrene	6000	DJ	6900	UG/KG	95-2	10/09/2002	09:28	PM

Sample ID: RSS-SS13-S-0
 Lab Sample ID: A2911903
 Date Collected: 09/11/2002
 Time Collected: 18:30

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		33	UG/KG	95-3	10/21/2002	
4,4'-DDE	ND		33	UG/KG	95-3	10/21/2002	
4,4'-DDT	ND		33	UG/KG	95-3	10/21/2002	
Aldrin	ND		17	UG/KG	95-3	10/21/2002	
alpha-BHC	ND		17	UG/KG	95-3	10/21/2002	
alpha-Chlordane	ND		17	UG/KG	95-3	10/21/2002	
Aroclor 1016	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1221	ND		670	UG/KG	95-3	10/21/2002	
Aroclor 1232	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1242	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1248	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1254	ND		330	UG/KG	95-3	10/21/2002	
Aroclor 1260	ND		330	UG/KG	95-3	10/21/2002	
beta-BHC	ND		17	UG/KG	95-3	10/21/2002	
delta-BHC	ND		17	UG/KG	95-3	10/21/2002	
Dieldrin	ND		33	UG/KG	95-3	10/21/2002	
Endosulfan I	ND		17	UG/KG	95-3	10/21/2002	
Endosulfan II	ND		33	UG/KG	95-3	10/21/2002	
Endosulfan Sulfate	ND		33	UG/KG	95-3	10/21/2002	
Endrin	ND		33	UG/KG	95-3	10/21/2002	
Endrin aldehyde	ND		33	UG/KG	95-3	10/21/2002	
Endrin ketone	ND		33	UG/KG	95-3	10/21/2002	
gamma-BHC (Lindane)	ND		17	UG/KG	95-3	10/21/2002	
gamma-Chlordane	ND		17	UG/KG	95-3	10/21/2002	
Heptachlor	ND		17	UG/KG	95-3	10/21/2002	
Heptachlor epoxide	ND		17	UG/KG	95-3	10/21/2002	
Methoxychlor	33	JP	170	UG/KG	95-3	10/21/2002	
Toxaphene	ND		1700	UG/KG	95-3	10/21/2002	
Metals Analysis							
Aluminum - Total	3760	E	3.3	MG/KG	CLP-M	09/25/2002 20:06	
Antimony - Total	10.8		0.22	MG/KG	CLP-M	09/25/2002 20:06	
Arsenic - Total	23.8		0.23	MG/KG	CLP-M	09/25/2002 20:06	
Barium - Total	116	E	0.02	MG/KG	CLP-M	09/25/2002 20:06	
Beryllium - Total	0.61		0.03	MG/KG	CLP-M	09/25/2002 20:06	
Cadmium - Total	5.3		0.03	MG/KG	CLP-M	09/25/2002 20:06	
Calcium - Total	20100	E	2.0	MG/KG	CLP-M	09/25/2002 20:06	
Chromium - Total	812	E	0.06	MG/KG	CLP-M	09/25/2002 20:06	
Cobalt - Total	25.6		0.15	MG/KG	CLP-M	09/25/2002 20:06	
Copper - Total	366	E	0.09	MG/KG	CLP-M	09/25/2002 20:06	
Iron - Total	272000	E	13.8	MG/KG	CLP-M	09/28/2002 04:37	
Lead - Total	186	E	0.15	MG/KG	CLP-M	09/25/2002 20:06	
Magnesium - Total	5570	E	0.75	MG/KG	CLP-M	09/25/2002 20:06	
Manganese - Total	4400	E	0.10	MG/KG	CLP-M	09/28/2002 04:37	
Mercury - Total	0.074	*	0.005	MG/KG	CLP-M	09/16/2002 22:29	
Nickel - Total	482	E	0.47	MG/KG	CLP-M	09/25/2002 20:06	
Potassium - Total	263	BE	2.9	MG/KG	CLP-M	09/25/2002 20:06	
Selenium - Total	2.0		0.48	MG/KG	CLP-M	09/25/2002 20:06	
Silver - Total	1.2		0.09	MG/KG	CLP-M	09/25/2002 20:06	

Time: 14:03:38

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Surface Soil/Fill

000075

Rept: AN1178

Sample ID: RSS-SS13-S-0
Job Sample ID: A2911903
Collected: 09/11/2002
Time Collected: 18:30

Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Sodium - Total	385	B	22.9	MG/KG	CLP-M	09/25/2002	20:06	
Thallium - Total	ND		0.36	MG/KG	CLP-M	09/25/2002	20:06	
Vanadium - Total	21.2	E	0.05	MG/KG	CLP-M	09/25/2002	20:06	
Zinc - Total	4730	E	4.1	MG/KG	CLP-M	09/28/2002	04:37	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	8.66		0	S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SS13-S-O
 Lab Sample ID: A2911903RE
 Date Collected: 09/11/2002
 Time Collected: 18:30

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
1,2-Dichlorobenzene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
1,3-Dichlorobenzene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
1,4-Dichlorobenzene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2,2'-Oxybis(1-Chloropropane)	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2,4,5-Trichlorophenol	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
2,4,6-Trichlorophenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2,4-Dichlorophenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2,4-Dimethylphenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2,4-Dinitrophenol	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
2,4-Dinitrotoluene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2,6-Dinitrotoluene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2-Chloronaphthalene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2-Chlorophenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2-Methylnaphthalene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2-Methylphenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
2-Nitroaniline	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
2-Nitrophenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
3,3'-Dichlorobenzidine	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
3-Nitroaniline	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
4,6-Dinitro-2-methylphenol	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
4-Bromophenyl phenyl ether	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
4-Chloro-3-methylphenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
4-Chloroaniline	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
4-Chlorophenyl phenyl ether	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
4-Methylphenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
4-Nitroaniline	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
4-Nitrophenol	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
Acenaphthene	32	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Acenaphthylene	16	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Anthracene	87	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Benzo(a)anthracene	390		320	UG/KG	95-2	10/08/2002	17:54	PM
Benzo(a)pyrene	380		320	UG/KG	95-2	10/08/2002	17:54	PM
Benzo(b)fluoranthene	560		320	UG/KG	95-2	10/08/2002	17:54	PM
Benzo(ghi)perylene	98	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Benzo(k)fluoranthene	390		320	UG/KG	95-2	10/08/2002	17:54	PM
Bis(2-chloroethoxy) methane	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Bis(2-chloroethyl) ether	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Bis(2-ethylhexyl) phthalate	62	BJ	320	UG/KG	95-2	10/08/2002	17:54	PM
Butyl benzyl phthalate	16	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Carbazole	60	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Chrysene	430		320	UG/KG	95-2	10/08/2002	17:54	PM
Di-n-butyl phthalate	23	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Di-n-octyl phthalate	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Dibenzo(a,h)anthracene	83	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Dibenzofuran	16	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Diethyl phthalate	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Dimethyl phthalate	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Fluoranthene	950		320	UG/KG	95-2	10/08/2002	17:54	PM

Sample ID: RSS-SS13-S-0
 Lab Sample ID: A2911903RE
 e Collected: 09/11/2002
 Time Collected: 18:30

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	25	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Hexachlorobenzene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Hexachlorobutadiene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Hexachlorocyclopentadiene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Hexachloroethane	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Indeno(1,2,3-cd)pyrene	180	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Isophorone	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
N-Nitroso-Di-n-propylamine	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
N-nitrosodiphenylamine	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Naphthalene	12	J	320	UG/KG	95-2	10/08/2002	17:54	PM
Nitrobenzene	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Pentachlorophenol	ND		780	UG/KG	95-2	10/08/2002	17:54	PM
Phenanthrene	410		320	UG/KG	95-2	10/08/2002	17:54	PM
Phenol	ND		320	UG/KG	95-2	10/08/2002	17:54	PM
Pyrene	560		320	UG/KG	95-2	10/08/2002	17:54	PM

Sample ID: RSS-SS14-S-0
 Lab Sample ID: A2912601
 Date Collected: 09/13/2002
 Time Collected: 08:05

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
1,2-Dichlorobenzene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
1,3-Dichlorobenzene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
1,4-Dichlorobenzene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2,2'-Oxybis(1-Chloropropane)	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2,4,5-Trichlorophenol	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
2,4,6-Trichlorophenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2,4-Dichlorophenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2,4-Dimethylphenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2,4-Dinitrophenol	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
2,4-Dinitrotoluene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2,6-Dinitrotoluene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2-Chloronaphthalene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2-Chlorophenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2-Methylnaphthalene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2-Methylphenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
2-Nitroaniline	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
2-Nitrophenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
3,3'-Dichlorobenzidine	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
3-Nitroaniline	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
4,6-Dinitro-2-methylphenol	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
4-Bromophenyl phenyl ether	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
4-Chloro-3-methylphenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
4-Chloroaniline	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
4-Chlorophenyl phenyl ether	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
4-Methylphenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
4-Nitroaniline	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
4-Nitrophenol	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
Acenaphthene	9	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Acenaphthylene	20	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Anthracene	34	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Benzo(a)anthracene	190	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Benzo(a)pyrene	180	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Benzo(b)fluoranthene	310	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Benzo(ghi)perylene	160	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Benzo(k)fluoranthene	150	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Bis(2-chloroethoxy) methane	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Bis(2-chloroethyl) ether	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Bis(2-ethylhexyl) phthalate	21	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Butyl benzyl phthalate	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Carbazole	23	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Chrysene	280	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Di-n-butyl phthalate	45	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Di-n-octyl phthalate	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Dibenzo(a,h)anthracene	62	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Dibenzofuran	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Diethyl phthalate	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Dimethyl phthalate	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Fluoranthene	590	B	350	UG/KG	95-2	10/02/2002	15:22	PM

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 Lab Sample ID: A2912601
 e Collected: 09/13/2002
 Time Collected: 08:05

Date Received: 09/13/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	12	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Hexachlorobenzene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Hexachlorobutadiene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Hexachlorocyclopentadiene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Hexachloroethane	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Indeno(1,2,3-cd)pyrene	150	J	350	UG/KG	95-2	10/02/2002	15:22	PM
Isophorone	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
N-Nitroso-Di-n-propylamine	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
N-nitrosodiphenylamine	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Naphthalene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Nitrobenzene	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Pentachlorophenol	ND		840	UG/KG	95-2	10/02/2002	15:22	PM
Phenanthrene	230	BJ	350	UG/KG	95-2	10/02/2002	15:22	PM
Phenol	ND		350	UG/KG	95-2	10/02/2002	15:22	PM
Pyrene	400	B	350	UG/KG	95-2	10/02/2002	15:22	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.5	UG/KG	95-3	10/23/2002		
4,4'-DDE	2.0	JP	3.5	UG/KG	95-3	10/23/2002		
4,4'-DDT	5.4		3.5	UG/KG	95-3	10/23/2002		
Aldrin	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		70	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		35	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
Dieldrin	ND		3.5	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.5	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.5	UG/KG	95-3	10/23/2002		
Endrin	ND		3.5	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.5	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.5	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		1.8	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		18	UG/KG	95-3	10/23/2002		
Toxaphene	ND		180	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	6360	E	3.6	MG/KG	CLP-M	09/25/2002	20:57	
Antimony - Total	0.81	B	0.24	MG/KG	CLP-M	09/25/2002	20:57	

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized	Analyzed	
Metals Analysis								
Arsenic - Total	9.5		0.25	MG/KG	CLP-M	09/25/2002	20:57	
Barium - Total	75.2	E	0.02	MG/KG	CLP-M	09/25/2002	20:57	
Beryllium - Total	0.34	B	0.03	MG/KG	CLP-M	09/25/2002	20:57	
Cadmium - Total	1.2		0.03	MG/KG	CLP-M	09/25/2002	20:57	
Calcium - Total	2460	E	2.2	MG/KG	CLP-M	09/25/2002	20:57	
Chromium - Total	52.4	E	0.07	MG/KG	CLP-M	09/25/2002	20:57	
Cobalt - Total	7.1		0.16	MG/KG	CLP-M	09/25/2002	20:57	
Copper - Total	47.3	E	0.10	MG/KG	CLP-M	09/25/2002	20:57	
Iron - Total	40300	E	1.6	MG/KG	CLP-M	09/25/2002	20:57	
Lead - Total	91.6	E	0.16	MG/KG	CLP-M	09/25/2002	20:57	
Magnesium - Total	2540	E	0.83	MG/KG	CLP-M	09/25/2002	20:57	
Manganese - Total	935	E	0.04	MG/KG	CLP-M	09/25/2002	20:57	
Mercury - Total	0.089	*	0.006	MG/KG	CLP-M	09/16/2002	22:42	
Nickel - Total	38.7	E	0.52	MG/KG	CLP-M	09/25/2002	20:57	
Potassium - Total	798	E	3.2	MG/KG	CLP-M	09/25/2002	20:57	
Selenium - Total	1.7		0.54	MG/KG	CLP-M	09/25/2002	20:57	
Silver - Total	0.20	B	0.10	MG/KG	CLP-M	09/25/2002	20:57	
Sodium - Total	109	B	25.4	MG/KG	CLP-M	09/25/2002	20:57	
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/25/2002	20:57	
Vanadium - Total	12.9	E	0.05	MG/KG	CLP-M	09/25/2002	20:57	
Zinc - Total	1090	E	2.3	MG/KG	CLP-M	09/28/2002	04:54	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	7.14		0	S.U.	9045	09/16/2002	17:10	KS

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
1,2-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
1,3-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
1,4-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2,2'-Oxybis(1-Chloropropane)	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2,4,5-Trichlorophenol	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
2,4,6-Trichlorophenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2,4-Dichlorophenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2,4-Dimethylphenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2,4-Dinitrophenol	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
2,4-Dinitrotoluene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2,6-Dinitrotoluene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2-Chloronaphthalene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2-Chlorophenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2-Methylnaphthalene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2-Methylphenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
2-Nitroaniline	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
2-Nitrophenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
3,3'-Dichlorobenzidine	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
3-Nitroaniline	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
4,6-Dinitro-2-methylphenol	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
4-Bromophenyl phenyl ether	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
4-Chloro-3-methylphenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
4-Chloroaniline	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
4-Chlorophenyl phenyl ether	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
4-Methylphenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
4-Nitroaniline	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
4-Nitrophenol	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
Acenaphthene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Acenaphthylene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Anthracene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Benzo(a)anthracene	240	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Benzo(a)pyrene	230	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Benzo(b)fluoranthene	640	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Benzo(ghi)perylene	140	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Benzo(k)fluoranthene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Bis(2-chloroethoxy) methane	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Bis(2-chloroethyl) ether	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Bis(2-ethylhexyl) phthalate	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Butyl benzyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Carbazole	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Chrysene	390	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Di-n-butyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Di-n-octyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Dibenzo(a,h)anthracene	49	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Dibenzofuran	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Diethyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Dimethyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Fluoranthene	610	J	1700	UG/KG	95-2	10/08/2002	20:13	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Hexachlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Hexachlorobutadiene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Hexachlorocyclopentadiene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Hexachloroethane	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Indeno(1,2,3-cd)pyrene	150	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Isophorone	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
N-Nitroso-Di-n-propylamine	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
N-nitrosodiphenylamine	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Naphthalene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Nitrobenzene	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Pentachlorophenol	ND		4100	UG/KG	95-2	10/08/2002	20:13	PM
Phenanthrene	280	J	1700	UG/KG	95-2	10/08/2002	20:13	PM
Phenol	ND		1700	UG/KG	95-2	10/08/2002	20:13	PM
Pyrene	450	J	1700	UG/KG	95-2	10/08/2002	20:13	PM

Sample ID: RSS-SS15-S-0
 Lab Sample ID: A2912602
 Date Collected: 09/13/2002
 Time Collected: 08:45

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
1,2-Dichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
1,3-Dichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
1,4-Dichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2,2'-Oxybis(1-Chloropropane)	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2,4,5-Trichlorophenol	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
2,4,6-Trichlorophenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2,4-Dichlorophenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2,4-Dimethylphenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2,4-Dinitrophenol	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
2,4-Dinitrotoluene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2,6-Dinitrotoluene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2-Chloronaphthalene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2-Chlorophenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2-Methylnaphthalene	380	J	1700	UG/KG	95-2	10/02/2002	15:57	PM
2-Methylphenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
2-Nitroaniline	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
2-Nitrophenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
3,3'-Dichlorobenzidine	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
3-Nitroaniline	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
3,6-Dinitro-2-methylphenol	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
4-Bromophenyl phenyl ether	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
4-Chloro-3-methylphenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
4-Chloroaniline	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
4-Chlorophenyl phenyl ether	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
4-Methylphenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
4-Nitroaniline	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
4-Nitrophenol	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
Acenaphthene	1600	J	1700	UG/KG	95-2	10/02/2002	15:57	PM
Acenaphthylene	87	J	1700	UG/KG	95-2	10/02/2002	15:57	PM
Anthracene	3300		1700	UG/KG	95-2	10/02/2002	15:57	PM
Benzo(a)anthracene	8300	B	1700	UG/KG	95-2	10/02/2002	15:57	PM
Benzo(a)pyrene	6800	B	1700	UG/KG	95-2	10/02/2002	15:57	PM
Benzo(b)fluoranthene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Benzo(ghi)perylene	3000		1700	UG/KG	95-2	10/02/2002	15:57	PM
Benzo(k)fluoranthene	11000	B	1700	UG/KG	95-2	10/02/2002	15:57	PM
Bis(2-chloroethoxy) methane	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Bis(2-chloroethyl) ether	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Bis(2-ethylhexyl) phthalate	73	BJ	1700	UG/KG	95-2	10/02/2002	15:57	PM
Butyl benzyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Carbazole	1800		1700	UG/KG	95-2	10/02/2002	15:57	PM
Chrysene	7900	B	1700	UG/KG	95-2	10/02/2002	15:57	PM
Di-n-butyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Di-n-octyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Dibenzo(a,h)anthracene	1800		1700	UG/KG	95-2	10/02/2002	15:57	PM
Dibenzofuran	1200	J	1700	UG/KG	95-2	10/02/2002	15:57	PM
Diethyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Dimethyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Fluoranthene	15000	BE	1700	UG/KG	95-2	10/02/2002	15:57	PM

Sample ID: RSS-SS15-S-0
 Lab Sample ID: A2912602
 Date Collected: 09/13/2002
 Time Collected: 08:45

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	1800		1700	UG/KG	95-2	10/02/2002	15:57	PM
Hexachlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Hexachlorobutadiene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Hexachlorocyclopentadiene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Hexachloroethane	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Indeno(1,2,3-cd)pyrene	3400		1700	UG/KG	95-2	10/02/2002	15:57	PM
Isophorone	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
N-Nitroso-Di-n-propylamine	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
N-nitrosodiphenylamine	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Naphthalene	980	J	1700	UG/KG	95-2	10/02/2002	15:57	PM
Nitrobenzene	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Pentachlorophenol	ND		4200	UG/KG	95-2	10/02/2002	15:57	PM
Phenanthrene	12000	B	1700	UG/KG	95-2	10/02/2002	15:57	PM
Phenol	ND		1700	UG/KG	95-2	10/02/2002	15:57	PM
Pyrene	11000	B	1700	UG/KG	95-2	10/02/2002	15:57	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	2.8	JP	3.5	UG/KG	95-3	10/23/2002		
4,4'-DDE	3.0	J	3.5	UG/KG	95-3	10/23/2002		
4,4'-DDT	15		3.5	UG/KG	95-3	10/23/2002		
Aldrin	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		71	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1248	130	P	35	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		35	UG/KG	95-3	10/23/2002		
Aroclor 1260	97		35	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
Dieldrin	2.8	JP	3.5	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.5	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.5	UG/KG	95-3	10/23/2002		
Endrin	ND		3.5	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.5	UG/KG	95-3	10/23/2002		
Endrin ketone	4.5	P	3.5	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		1.8	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		18	UG/KG	95-3	10/23/2002		
Toxaphene	ND		180	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	9030	E	3.6	MG/KG	CLP-M	09/25/2002	21:31	
Antimony - Total	9.1		0.24	MG/KG	CLP-M	09/25/2002	21:31	

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 Lab Sample ID: A2912602
 Collected: 09/13/2002
 Time Collected: 08:45

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Arsenic - Total	20.5		0.25	MG/KG	CLP-M	09/25/2002	21:31
Barium - Total	208	E	0.02	MG/KG	CLP-M	09/25/2002	21:31
Beryllium - Total	1.7		0.03	MG/KG	CLP-M	09/25/2002	21:31
Cadmium - Total	71.8		0.03	MG/KG	CLP-M	09/25/2002	21:31
Calcium - Total	59000	E	43.4	MG/KG	CLP-M	09/28/2002	05:17
Chromium - Total	411	E	0.07	MG/KG	CLP-M	09/25/2002	21:31
Cobalt - Total	9.0		0.17	MG/KG	CLP-M	09/25/2002	21:31
Copper - Total	392	E	0.10	MG/KG	CLP-M	09/25/2002	21:31
Iron - Total	137000	E	15.3	MG/KG	CLP-M	09/28/2002	05:17
Lead - Total	2950	E	0.17	MG/KG	CLP-M	09/25/2002	21:31
Magnesium - Total	17100	E	0.84	MG/KG	CLP-M	09/25/2002	21:31
Manganese - Total	14100	E	0.11	MG/KG	CLP-M	09/28/2002	05:17
Mercury - Total	0.839	*	0.005	MG/KG	CLP-M	09/16/2002	22:44
Nickel - Total	126	E	0.52	MG/KG	CLP-M	09/25/2002	21:31
Potassium - Total	733	E	3.3	MG/KG	CLP-M	09/25/2002	21:31
Selenium - Total	6.9		0.54	MG/KG	CLP-M	09/25/2002	21:31
Silver - Total	11.2		0.10	MG/KG	CLP-M	09/25/2002	21:31
Sodium - Total	5970		25.5	MG/KG	CLP-M	09/25/2002	21:31
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/25/2002	21:31
Vanadium - Total	16.9	E	0.06	MG/KG	CLP-M	09/25/2002	21:31
Zinc - Total	110000	E	59.5	MG/KG	CLP-M	10/02/2002	08:36
Wet Chemistry Analysis							
Cyanide - Total	1.0		0.50	MG/KG	CLP-WC	09/21/2002	09:56 JMS
Leachable pH	8.31		0	S.U.	9045	09/16/2002	17:10 KS

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 Lab Sample ID: A2912602RE
 Date Collected: 09/13/2002
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Date Received: 09/13/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
1,2-Dichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
1,3-Dichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
1,4-Dichlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2,2'-Oxybis(1-Chloropropane)	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2,4,5-Trichlorophenol	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
2,4,6-Trichlorophenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2,4-Dichlorophenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2,4-Dimethylphenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2,4-Dinitrophenol	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
2,4-Dinitrotoluene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2,6-Dinitrotoluene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2-Chloronaphthalene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2-Chlorophenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2-Methylnaphthalene	380	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
2-Methylphenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
2-Nitroaniline	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
2-Nitrophenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
3,3'-Dichlorobenzidine	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
3-Nitroaniline	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
4,6-Dinitro-2-methylphenol	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
4-Bromophenyl phenyl ether	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
4-Chloro-3-methylphenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
4-Chloroaniline	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
4-Chlorophenyl phenyl ether	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
4-Methylphenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
4-Nitroaniline	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
4-Nitrophenol	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
Acenaphthene	1700	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Acenaphthylene	130	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Anthracene	4300		3400	UG/KG	95-2	10/08/2002	20:48	PM
Benzo(a)anthracene	11000		3400	UG/KG	95-2	10/08/2002	20:48	PM
Benzo(a)pyrene	9700		3400	UG/KG	95-2	10/08/2002	20:48	PM
Benzo(b)fluoranthene	12000		3400	UG/KG	95-2	10/08/2002	20:48	PM
Benzo(ghi)perylene	3200	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Benzo(k)fluoranthene	6500		3400	UG/KG	95-2	10/08/2002	20:48	PM
Bis(2-chloroethoxy) methane	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Bis(2-chloroethyl) ether	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Bis(2-ethylhexyl) phthalate	110	BJ	3400	UG/KG	95-2	10/08/2002	20:48	PM
Butyl benzyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Carbazole	2200	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Chrysene	11000		3400	UG/KG	95-2	10/08/2002	20:48	PM
Di-n-butyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Di-n-octyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Dibenzo(a,h)anthracene	960	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Dibenzofuran	1200	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Diethyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Dimethyl phthalate	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Fluoranthene	24000		3400	UG/KG	95-2	10/08/2002	20:48	PM

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Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	1700	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Hexachlorobenzene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Hexachlorobutadiene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Hexachlorocyclopentadiene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Hexachloroethane	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Indeno(1,2,3-cd)pyrene	4100		3400	UG/KG	95-2	10/08/2002	20:48	PM
Isophorone	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
N-Nitroso-Di-n-propylamine	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
N-nitrosodiphenylamine	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Naphthalene	1100	J	3400	UG/KG	95-2	10/08/2002	20:48	PM
Nitrobenzene	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Pentachlorophenol	ND		8200	UG/KG	95-2	10/08/2002	20:48	PM
Phenanthrene	16000		3400	UG/KG	95-2	10/08/2002	20:48	PM
Phenol	ND		3400	UG/KG	95-2	10/08/2002	20:48	PM
Pyrene	16000		3400	UG/KG	95-2	10/08/2002	20:48	PM

Sample ID: RSS-SS15-S-0 DL
 Lab Sample ID: A2912602DL
 Date Collected: 09/13/2002
 Time Collected: 08:45

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
1,2-Dichlorobenzene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
1,3-Dichlorobenzene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
1,4-Dichlorobenzene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2,2'-Oxybis(1-Chloropropane)	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2,4,5-Trichlorophenol	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
2,4,6-Trichlorophenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2,4-Dichlorophenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2,4-Dimethylphenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2,4-Dinitrophenol	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
2,4-Dinitrotoluene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2,6-Dinitrotoluene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2-Chloronaphthalene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2-Chlorophenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2-Methylnaphthalene	240	DJ	3400	UG/KG	95-2	10/04/2002 10:59	PM
2-Methylphenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
2-Nitroaniline	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
2-Nitrophenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
3,3'-Dichlorobenzidine	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
3-Nitroaniline	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
4,6-Dinitro-2-methylphenol	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
4-Bromophenyl phenyl ether	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
4-Chloro-3-methylphenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
4-Chloroaniline	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
4-Chlorophenyl phenyl ether	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
4-Methylphenol	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
4-Nitroaniline	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
4-Nitrophenol	ND		8400	UG/KG	95-2	10/04/2002 10:59	PM
Acenaphthene	1300	DJ	3400	UG/KG	95-2	10/04/2002 10:59	PM
Acenaphthylene	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Anthracene	3000	DJ	3400	UG/KG	95-2	10/04/2002 10:59	PM
Benzo(a)anthracene	7200	BD	3400	UG/KG	95-2	10/04/2002 10:59	PM
Benzo(a)pyrene	6000	BD	3400	UG/KG	95-2	10/04/2002 10:59	PM
Benzo(b)fluoranthene	6500	BD	3400	UG/KG	95-2	10/04/2002 10:59	PM
Benzo(ghi)perylene	3600	D	3400	UG/KG	95-2	10/04/2002 10:59	PM
Benzo(k)fluoranthene	4000	BD	3400	UG/KG	95-2	10/04/2002 10:59	PM
Bis(2-chloroethoxy) methane	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Bis(2-chloroethyl) ether	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Bis(2-ethylhexyl) phthalate	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Butyl benzyl phthalate	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Carbazole	1600	DJ	3400	UG/KG	95-2	10/04/2002 10:59	PM
Chrysene	7200	BD	3400	UG/KG	95-2	10/04/2002 10:59	PM
Di-n-butyl phthalate	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Di-n-octyl phthalate	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Dibenzo(a,h)anthracene	1800	DJ	3400	UG/KG	95-2	10/04/2002 10:59	PM
Dibenzofuran	940	DJ	3400	UG/KG	95-2	10/04/2002 10:59	PM
Diethyl phthalate	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Dimethyl phthalate	ND		3400	UG/KG	95-2	10/04/2002 10:59	PM
Fluoranthene	14000	BD	3400	UG/KG	95-2	10/04/2002 10:59	PM

Sample ID: RSS-SS15-S-0 DL
 Lab Sample ID: A2912602DL
 Date Collected: 09/13/2002
 Time Collected: 08:45

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
Fluorene	1400	DJ	3400		UG/KG	95-2	10/04/2002	10:59	PM
Hexachlorobenzene	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Hexachlorobutadiene	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Hexachlorocyclopentadiene	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Hexachloroethane	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Indeno(1,2,3-cd)pyrene	3600	D	3400		UG/KG	95-2	10/04/2002	10:59	PM
Isophorone	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
N-Nitroso-Di-n-propylamine	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
N-nitrosodiphenylamine	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Naphthalene	790	DJ	3400		UG/KG	95-2	10/04/2002	10:59	PM
Nitrobenzene	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Pentachlorophenol	ND		8400		UG/KG	95-2	10/04/2002	10:59	PM
Phenanthrene	13000	BD	3400		UG/KG	95-2	10/04/2002	10:59	PM
Phenol	ND		3400		UG/KG	95-2	10/04/2002	10:59	PM
Pyrene	11000	BD	3400		UG/KG	95-2	10/04/2002	10:59	PM

Sample ID: RSS-SS16-S-0
Lab Sample ID: A2912603
Date Collected: 09/13/2002
Time Collected: 09:10Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
1,2-Dichlorobenzene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
1,3-Dichlorobenzene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
1,4-Dichlorobenzene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2,2'-Oxybis(1-Chloropropane)	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2,4,5-Trichlorophenol	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
2,4,6-Trichlorophenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2,4-Dichlorophenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2,4-Dimethylphenol	110	J	3300	UG/KG	95-2	10/02/2002	17:42	PM
2,4-Dinitrophenol	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
2,4-Dinitrotoluene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2,6-Dinitrotoluene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2-Chloronaphthalene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2-Chlorophenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2-Methylnaphthalene	1900	J	3300	UG/KG	95-2	10/02/2002	17:42	PM
2-Methylphenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
2-Nitroaniline	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
2-Nitrophenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
3,3'-Dichlorobenzidine	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
3-Nitroaniline	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
4,6-Dinitro-2-methylphenol	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
4-Bromophenyl phenyl ether	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
4-Chloro-3-methylphenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
4-Chloroaniline	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
4-Chlorophenyl phenyl ether	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
4-Methylphenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
4-Nitroaniline	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
4-Nitrophenol	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
Acenaphthene	9300		3300	UG/KG	95-2	10/02/2002	17:42	PM
Acenaphthylene	800	J	3300	UG/KG	95-2	10/02/2002	17:42	PM
Anthracene	14000		3300	UG/KG	95-2	10/02/2002	17:42	PM
Benzo(a)anthracene	54000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM
Benzo(a)pyrene	43000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM
Benzo(b)fluoranthene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Benzo(ghi)perylene	12000		3300	UG/KG	95-2	10/02/2002	17:42	PM
Benzo(k)fluoranthene	81000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM
Bis(2-chloroethoxy) methane	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Bis(2-chloroethyl) ether	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Bis(2-ethylhexyl) phthalate	350	BJ	3300	UG/KG	95-2	10/02/2002	17:42	PM
Butyl benzyl phthalate	120	J	3300	UG/KG	95-2	10/02/2002	17:42	PM
Carbazole	8400		3300	UG/KG	95-2	10/02/2002	17:42	PM
Chrysene	42000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM
Di-n-butyl phthalate	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Di-n-octyl phthalate	200	J	3300	UG/KG	95-2	10/02/2002	17:42	PM
Dibenzo(a,h)anthracene	8400		3300	UG/KG	95-2	10/02/2002	17:42	PM
Dibenzofuran	5600		3300	UG/KG	95-2	10/02/2002	17:42	PM
Diethyl phthalate	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Dimethyl phthalate	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Fluoranthene	88000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM

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Date Received: 09/13/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	9700		3300	UG/KG	95-2	10/02/2002	17:42	PM
Hexachlorobenzene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Hexachlorobutadiene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Hexachlorocyclopentadiene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Hexachloroethane	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Indeno(1,2,3-cd)pyrene	15000		3300	UG/KG	95-2	10/02/2002	17:42	PM
Isophorone	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
N-Nitroso-Di-n-propylamine	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
N-nitrosodiphenylamine	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Naphthalene	3800		3300	UG/KG	95-2	10/02/2002	17:42	PM
Nitrobenzene	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Pentachlorophenol	ND		8100	UG/KG	95-2	10/02/2002	17:42	PM
Phenanthrene	62000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM
Phenol	ND		3300	UG/KG	95-2	10/02/2002	17:42	PM
Pyrene	66000	BE	3300	UG/KG	95-2	10/02/2002	17:42	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	40		13	UG/KG	95-3	10/23/2002		
4,4'-DDE	9.0	J	13	UG/KG	95-3	10/23/2002		
4,4'-DDT	47	P	13	UG/KG	95-3	10/23/2002		
Aldrin	ND		6.8	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		6.8	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		6.8	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		130	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		270	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		130	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		130	UG/KG	95-3	10/23/2002		
Aroclor 1248	310	P	130	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		130	UG/KG	95-3	10/23/2002		
Aroclor 1260	320		130	UG/KG	95-3	10/23/2002		
beta-BHC	ND		6.8	UG/KG	95-3	10/23/2002		
delta-BHC	ND		6.8	UG/KG	95-3	10/23/2002		
Dieldrin	11	JP	13	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		6.8	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		13	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		13	UG/KG	95-3	10/23/2002		
Endrin	ND		13	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		13	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		13	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		6.8	UG/KG	95-3	10/23/2002		
gamma-Chlordane	26	P	6.8	UG/KG	95-3	10/23/2002		
Heptachlor	ND		6.8	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		6.8	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		68	UG/KG	95-3	10/23/2002		
Toxaphene	ND		680	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	10500	E	3.4	MG/KG	CLP-M	09/25/2002	21:35	
Antimony - Total	8.6		0.23	MG/KG	CLP-M	09/25/2002	21:35	

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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Metals Analysis								
Arsenic - Total	17.7		0.24	MG/KG	CLP-M	09/25/2002	21:35	
Barium - Total	506	E	0.02	MG/KG	CLP-M	09/25/2002	21:35	
Beryllium - Total	1.5		0.03	MG/KG	CLP-M	09/25/2002	21:35	
Cadmium - Total	7.1		0.03	MG/KG	CLP-M	09/25/2002	21:35	
Calcium - Total	75200	E	82.0	MG/KG	CLP-M	09/28/2002	05:26	
Chromium - Total	569	E	0.06	MG/KG	CLP-M	09/25/2002	21:35	
Cobalt - Total	14.7		0.16	MG/KG	CLP-M	09/25/2002	21:35	
Copper - Total	353	E	0.09	MG/KG	CLP-M	09/25/2002	21:35	
Iron - Total	188000	E	28.9	MG/KG	CLP-M	09/28/2002	05:26	
Lead - Total	523	E	0.16	MG/KG	CLP-M	09/25/2002	21:35	
Magnesium - Total	20500	E	0.79	MG/KG	CLP-M	09/25/2002	21:35	
Manganese - Total	6270	E	0.21	MG/KG	CLP-M	09/28/2002	05:26	
Mercury - Total	0.551	*	0.005	MG/KG	CLP-M	09/16/2002	22:49	
Nickel - Total	232	E	0.49	MG/KG	CLP-M	09/25/2002	21:35	
Potassium - Total	928	E	3.1	MG/KG	CLP-M	09/25/2002	21:35	
Selenium - Total	3.8		0.51	MG/KG	CLP-M	09/25/2002	21:35	
Silver - Total	1.5		0.09	MG/KG	CLP-M	09/25/2002	21:35	
Sodium - Total	707		24.1	MG/KG	CLP-M	09/25/2002	21:35	
Thallium - Total	ND		0.37	MG/KG	CLP-M	09/25/2002	21:35	
Vanadium - Total	43.8	E	0.05	MG/KG	CLP-M	09/25/2002	21:35	
Zinc - Total	5150	E	8.5	MG/KG	CLP-M	09/28/2002	05:26	
Wet Chemistry Analysis								
Cyanide - Total	1.1		0.50	MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	8.87		0	S.U.	9045	09/16/2002	17:10	KS

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 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
1,2-Dichlorobenzene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
1,3-Dichlorobenzene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
1,4-Dichlorobenzene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2,2'-Oxybis(1-Chloropropane)	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2,4,5-Trichlorophenol	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
2,4,6-Trichlorophenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2,4-Dichlorophenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2,4-Dimethylphenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2,4-Dinitrophenol	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
2,4-Dinitrotoluene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2,6-Dinitrotoluene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2-Chloronaphthalene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2-Chlorophenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2-Methylnaphthalene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2-Methylphenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
2-Nitroaniline	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
2-Nitrophenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
3,3'-Dichlorobenzidine	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
3-Nitroaniline	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
4,6-Dinitro-2-methylphenol	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
4-Bromophenyl phenyl ether	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
4-Chloro-3-methylphenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
4-Chloroaniline	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
4-Chlorophenyl phenyl ether	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
4-Methylphenol	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
4-Nitroaniline	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
4-Nitrophenol	ND		80000	UG/KG	95-2	10/08/2002 21:23	PM
Acenaphthene	8400	J	33000	UG/KG	95-2	10/08/2002 21:23	PM
Acenaphthylene	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Anthracene	20000	J	33000	UG/KG	95-2	10/08/2002 21:23	PM
Benzo(a)anthracene	58000		33000	UG/KG	95-2	10/08/2002 21:23	PM
Benzo(a)pyrene	53000		33000	UG/KG	95-2	10/08/2002 21:23	PM
Benzo(b)fluoranthene	67000		33000	UG/KG	95-2	10/08/2002 21:23	PM
Benzo(ghi)perylene	19000	J	33000	UG/KG	95-2	10/08/2002 21:23	PM
Benzo(k)fluoranthene	36000		33000	UG/KG	95-2	10/08/2002 21:23	PM
Bis(2-chloroethoxy) methane	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Bis(2-chloroethyl) ether	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Bis(2-ethylhexyl) phthalate	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Butyl benzyl phthalate	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Carbazole	8800	J	33000	UG/KG	95-2	10/08/2002 21:23	PM
Chrysene	63000		33000	UG/KG	95-2	10/08/2002 21:23	PM
Di-n-butyl phthalate	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Di-n-octyl phthalate	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Dibenzo(a,h)anthracene	13000	J	33000	UG/KG	95-2	10/08/2002 21:23	PM
Dibenzofuran	3800	J	33000	UG/KG	95-2	10/08/2002 21:23	PM
Diethyl phthalate	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Dimethyl phthalate	ND		33000	UG/KG	95-2	10/08/2002 21:23	PM
Fluoranthene	130000		33000	UG/KG	95-2	10/08/2002 21:23	PM

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Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	7100	J	33000	UG/KG	95-2	10/08/2002	21:23	PM
Hexachlorobenzene	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Hexachlorobutadiene	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Hexachlorocyclopentadiene	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Hexachloroethane	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Indeno(1,2,3-cd)pyrene	24000	J	33000	UG/KG	95-2	10/08/2002	21:23	PM
Isophorone	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
N-Nitroso-Di-n-propylamine	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
N-nitrosodiphenylamine	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Naphthalene	2500	J	33000	UG/KG	95-2	10/08/2002	21:23	PM
Nitrobenzene	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Pentachlorophenol	ND		80000	UG/KG	95-2	10/08/2002	21:23	PM
Phenanthrene	80000		33000	UG/KG	95-2	10/08/2002	21:23	PM
Phenol	ND		33000	UG/KG	95-2	10/08/2002	21:23	PM
Pyrene	84000		33000	UG/KG	95-2	10/08/2002	21:23	PM

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Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
1,2-Dichlorobenzene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
1,3-Dichlorobenzene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
1,4-Dichlorobenzene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2,2'-Oxybis(1-Chloropropane)	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2,4,5-Trichlorophenol	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
2,4,6-Trichlorophenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2,4-Dichlorophenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2,4-Dimethylphenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2,4-Dinitrophenol	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
2,4-Dinitrotoluene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2,6-Dinitrotoluene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2-Chloronaphthalene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2-Chlorophenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2-Methylnaphthalene	1400	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
2-Methylphenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
2-Nitroaniline	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
2-Nitrophenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
3,3'-Dichlorobenzidine	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
3-Nitroaniline	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
4,6-Dinitro-2-methylphenol	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
4-Bromophenyl phenyl ether	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
4-Chloro-3-methylphenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
4-Chloroaniline	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
4-Chlorophenyl phenyl ether	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
4-Methylphenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
4-Nitroaniline	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
4-Nitrophenol	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
Acenaphthene	11000	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Acenaphthylene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Anthracene	28000	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Benzo(a)anthracene	76000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM
Benzo(a)pyrene	63000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM
Benzo(b)fluoranthene	59000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM
Benzo(ghi)perylene	39000	D	33000	UG/KG	95-2	10/04/2002	11:34	PM
Benzo(k)fluoranthene	52000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM
Bis(2-chloroethoxy) methane	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Bis(2-chloroethyl) ether	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Bis(2-ethylhexyl) phthalate	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Butyl benzyl phthalate	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Carbazole	9800	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Chrysene	78000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM
Di-n-butyl phthalate	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Di-n-octyl phthalate	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Dibenzo(a,h)anthracene	9300	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Dibenzofuran	6000	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Diethyl phthalate	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Dimethyl phthalate	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Fluoranthene	150000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM

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 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	10000	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Hexachlorobenzene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Hexachlorobutadiene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Hexachlorocyclopentadiene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Hexachloroethane	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Indeno(1,2,3-cd)pyrene	40000	D	33000	UG/KG	95-2	10/04/2002	11:34	PM
Isophorone	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
N-Nitroso-Di-n-propylamine	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
N-nitrosodiphenylamine	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Naphthalene	4300	DJ	33000	UG/KG	95-2	10/04/2002	11:34	PM
Nitrobenzene	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Pentachlorophenol	ND		81000	UG/KG	95-2	10/04/2002	11:34	PM
Phenanthrene	110000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM
Phenol	ND		33000	UG/KG	95-2	10/04/2002	11:34	PM
Pyrene	110000	BD	33000	UG/KG	95-2	10/04/2002	11:34	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
1,2-Dichlorobenzene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
1,3-Dichlorobenzene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
1,4-Dichlorobenzene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2,2'-Oxybis(1-Chloropropane)	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2,4,5-Trichlorophenol	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
2,4,6-Trichlorophenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2,4-Dichlorophenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2,4-Dimethylphenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2,4-Dinitrophenol	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
2,4-Dinitrotoluene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2,6-Dinitrotoluene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2-Chloronaphthalene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2-Chlorophenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2-Methylnaphthalene	490	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
2-Methylphenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
2-Nitroaniline	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
2-Nitrophenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
3,3'-Dichlorobenzidine	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
3-Nitroaniline	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
4,6-Dinitro-2-methylphenol	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
4-Bromophenyl phenyl ether	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
4-Chloro-3-methylphenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
4-Chloroaniline	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
4-Chlorophenyl phenyl ether	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
4-Methylphenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
4-Nitroaniline	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
4-Nitrophenol	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
Acenaphthene	2700	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Acenaphthylene	220	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Anthracene	5300		3400	UG/KG	95-2	10/02/2002	18:17	PM
Benzo(a)anthracene	16000	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
Benzo(a)pyrene	14000	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
Benzo(b)fluoranthene	20000	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
Benzo(ghi)perylene	4000		3400	UG/KG	95-2	10/02/2002	18:17	PM
Benzo(k)fluoranthene	7700	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
Bis(2-chloroethoxy) methane	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Bis(2-chloroethyl) ether	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Bis(2-ethylhexyl) phthalate	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Butyl benzyl phthalate	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Carbazole	3200	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Chrysene	16000	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
Di-n-butyl phthalate	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Di-n-octyl phthalate	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Dibenzo(a,h)anthracene	2900	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Dibenzofuran	1600	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Diethyl phthalate	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Dimethyl phthalate	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Fluoranthene	29000	BE	3400	UG/KG	95-2	10/02/2002	18:17	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	2500	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Hexachlorobenzene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Hexachlorobutadiene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Hexachlorocyclopentadiene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Hexachloroethane	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Indeno(1,2,3-cd)pyrene	5000		3400	UG/KG	95-2	10/02/2002	18:17	PM
Isophorone	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
N-Nitroso-Di-n-propylamine	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
N-nitrosodiphenylamine	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Naphthalene	1100	J	3400	UG/KG	95-2	10/02/2002	18:17	PM
Nitrobenzene	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Pentachlorophenol	ND		8100	UG/KG	95-2	10/02/2002	18:17	PM
Phenanthrene	18000	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
Phenol	ND		3400	UG/KG	95-2	10/02/2002	18:17	PM
Pyrene	20000	B	3400	UG/KG	95-2	10/02/2002	18:17	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		33	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		33	UG/KG	95-3	10/23/2002		
4,4'-DDT	18	JP	33	UG/KG	95-3	10/23/2002		
Aldrin	ND		17	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		17	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		17	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		330	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		680	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		330	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		330	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		330	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		330	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		330	UG/KG	95-3	10/23/2002		
beta-BHC	ND		17	UG/KG	95-3	10/23/2002		
delta-BHC	ND		17	UG/KG	95-3	10/23/2002		
Dieldrin	ND		33	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		17	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		33	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		33	UG/KG	95-3	10/23/2002		
Endrin	18	JP	33	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		33	UG/KG	95-3	10/23/2002		
Endrin ketone	19	JP	33	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		17	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		17	UG/KG	95-3	10/23/2002		
Heptachlor	ND		17	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		17	UG/KG	95-3	10/23/2002		
Methoxychlor	170	JP	170	UG/KG	95-3	10/23/2002		
Toxaphene	ND		1700	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	7980	E	3.3	MG/KG	CLP-M	09/25/2002	21:39	
Antimony - Total	6.8		0.22	MG/KG	CLP-M	09/25/2002	21:39	

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
Metals Analysis								
Arsenic - Total	16.3		0.23	MG/KG	CLP-M	09/25/2002	21:39	
Barium - Total	612	E	0.20	MG/KG	CLP-M	09/28/2002	05:30	
Beryllium - Total	0.72		0.03	MG/KG	CLP-M	09/25/2002	21:39	
Cadmium - Total	10.5		0.03	MG/KG	CLP-M	09/25/2002	21:39	
Calcium - Total	55100	E	39.3	MG/KG	CLP-M	09/28/2002	05:30	
Chromium - Total	474	E	0.06	MG/KG	CLP-M	09/25/2002	21:39	
Cobalt - Total	19.1		0.15	MG/KG	CLP-M	09/25/2002	21:39	
Copper - Total	354	E	0.09	MG/KG	CLP-M	09/25/2002	21:39	
Iron - Total	214000	E	13.9	MG/KG	CLP-M	09/28/2002	05:30	
Lead - Total	413	E	0.15	MG/KG	CLP-M	09/25/2002	21:39	
Magnesium - Total	15100	E	0.76	MG/KG	CLP-M	09/25/2002	21:39	
Manganese - Total	6160	E	0.10	MG/KG	CLP-M	09/28/2002	05:30	
Mercury - Total	1.1	*	0.006	MG/KG	CLP-M	09/16/2002	22:50	
Nickel - Total	283	E	0.47	MG/KG	CLP-M	09/25/2002	21:39	
Potassium - Total	921	E	2.9	MG/KG	CLP-M	09/25/2002	21:39	
Selenium - Total	3.7		0.49	MG/KG	CLP-M	09/25/2002	21:39	
Silver - Total	1.8		0.09	MG/KG	CLP-M	09/25/2002	21:39	
Sodium - Total	844		23.1	MG/KG	CLP-M	09/25/2002	21:39	
Thallium - Total	ND		0.36	MG/KG	CLP-M	09/25/2002	21:39	
Vanadium - Total	33.7	E	0.05	MG/KG	CLP-M	09/25/2002	21:39	
Zinc - Total	8690	E	20.5	MG/KG	CLP-M	09/28/2002	05:35	
Wet Chemistry Analysis								
Cyanide - Total	0.85		0.50	MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	8.80		0	S.U.	9045	09/16/2002	17:10	KS

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
1,2-Dichlorobenzene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
1,3-Dichlorobenzene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
1,4-Dichlorobenzene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2,2'-Oxybis(1-Chloropropane)	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2,4,5-Trichlorophenol	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
2,4,6-Trichlorophenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2,4-Dichlorophenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2,4-Dimethylphenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2,4-Dinitrophenol	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
2,4-Dinitrotoluene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2,6-Dinitrotoluene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2-Chloronaphthalene	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2-Chlorophenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2-Methylnaphthalene	11000	J	13000	UG/KG	95-2	10/08/2002	21:58	PM
2-Methylphenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
2-Nitroaniline	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
2-Nitrophenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
3,3'-Dichlorobenzidine	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
3-Nitroaniline	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
4,6-Dinitro-2-methylphenol	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
4-Bromophenyl phenyl ether	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
4-Chloro-3-methylphenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
4-Chloroaniline	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
4-Chlorophenyl phenyl ether	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
4-Methylphenol	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
4-Nitroaniline	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
4-Nitrophenol	ND		32000	UG/KG	95-2	10/08/2002	21:58	PM
Acenaphthene	34000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Acenaphthylene	950	J	13000	UG/KG	95-2	10/08/2002	21:58	PM
Anthracene	59000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Benzo(a)anthracene	120000	E	13000	UG/KG	95-2	10/08/2002	21:58	PM
Benzo(a)pyrene	98000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Benzo(b)fluoranthene	150000	E	13000	UG/KG	95-2	10/08/2002	21:58	PM
Benzo(ghi)perylene	24000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Benzo(k)fluoranthene	40000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Bis(2-chloroethoxy) methane	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Bis(2-chloroethyl) ether	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Bis(2-ethylhexyl) phthalate	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Butyl benzyl phthalate	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Carbazole	37000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Chrysene	110000	E	13000	UG/KG	95-2	10/08/2002	21:58	PM
Di-n-butyl phthalate	480	J	13000	UG/KG	95-2	10/08/2002	21:58	PM
Di-n-octyl phthalate	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Dibenzo(a,h)anthracene	20000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Dibenzofuran	27000		13000	UG/KG	95-2	10/08/2002	21:58	PM
Diethyl phthalate	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Dimethyl phthalate	ND		13000	UG/KG	95-2	10/08/2002	21:58	PM
Fluoranthene	240000	E	13000	UG/KG	95-2	10/08/2002	21:58	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	40000		13000		UG/KG	95-2	10/08/2002 21:58	PM
Hexachlorobenzene	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Hexachlorobutadiene	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Hexachlorocyclopentadiene	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Hexachloroethane	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Indeno(1,2,3-cd)pyrene	34000		13000		UG/KG	95-2	10/08/2002 21:58	PM
Isophorone	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
N-Nitroso-Di-n-propylamine	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
N-nitrosodiphenylamine	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Naphthalene	26000		13000		UG/KG	95-2	10/08/2002 21:58	PM
Nitrobenzene	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Pentachlorophenol	ND		32000		UG/KG	95-2	10/08/2002 21:58	PM
Phenanthrene	230000	E	13000		UG/KG	95-2	10/08/2002 21:58	PM
Phenol	ND		13000		UG/KG	95-2	10/08/2002 21:58	PM
Pyrene	140000	E	13000		UG/KG	95-2	10/08/2002 21:58	PM

Sample ID: RSS-SS17-S-O DL
 Lab Sample ID: A2912604DL
 Date Collected: 09/13/2002
 Time Collected: 09:55

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
1,2-Dichlorobenzene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
1,3-Dichlorobenzene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
1,4-Dichlorobenzene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2,2'-Oxybis(1-Chloropropane)	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2,4,5-Trichlorophenol	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
2,4,6-Trichlorophenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2,4-Dichlorophenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2,4-Dimethylphenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2,4-Dinitrophenol	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
2,4-Dinitrotoluene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2,6-Dinitrotoluene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2-Chloronaphthalene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2-Chlorophenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2-Methylnaphthalene	850	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
2-Methylphenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
2-Nitroaniline	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
2-Nitrophenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
3,3'-Dichlorobenzidine	340	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
3-Nitroaniline	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
4,6-Dinitro-2-methylphenol	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
4-Bromophenyl phenyl ether	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
4-Chloro-3-methylphenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
4-Chloroaniline	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
4-Chlorophenyl phenyl ether	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
4-Methylphenol	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
4-Nitroaniline	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
4-Nitrophenol	ND		32000	UG/KG	95-2	10/04/2002	12:10	PM
Acenaphthene	6000	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
Acenaphthylene	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Anthracene	12000	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
Benzo(a)anthracene	39000	BD	13000	UG/KG	95-2	10/04/2002	12:10	PM
Benzo(a)pyrene	32000	BD	13000	UG/KG	95-2	10/04/2002	12:10	PM
Benzo(b)fluoranthene	35000	BD	13000	UG/KG	95-2	10/04/2002	12:10	PM
Benzo(ghi)perylene	16000	D	13000	UG/KG	95-2	10/04/2002	12:10	PM
Benzo(k)fluoranthene	26000	BD	13000	UG/KG	95-2	10/04/2002	12:10	PM
Bis(2-chloroethoxy) methane	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Bis(2-chloroethyl) ether	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Bis(2-ethylhexyl) phthalate	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Butyl benzyl phthalate	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Carbazole	6800	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
Chrysene	38000	BD	13000	UG/KG	95-2	10/04/2002	12:10	PM
Di-n-butyl phthalate	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Di-n-octyl phthalate	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Dibenzo(a,h)anthracene	9400	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
Dibenzofuran	3200	DJ	13000	UG/KG	95-2	10/04/2002	12:10	PM
Diethyl phthalate	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Dimethyl phthalate	ND		13000	UG/KG	95-2	10/04/2002	12:10	PM
Fluoranthene	71000	BD	13000	UG/KG	95-2	10/04/2002	12:10	PM

Sample ID: RSS-SS17-S-0 DL
 Lab Sample ID: A2912604DL
 e Collected: 09/13/2002
 me Collected: 09:55

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
Fluorene	5400	DJ	13000	UG/KG	95-2	10/04/2002	12:10 PM
Hexachlorobenzene	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Hexachlorobutadiene	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Hexachlorocyclopentadiene	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Hexachloroethane	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Indeno(1,2,3-cd)pyrene	18000	D	13000	UG/KG	95-2	10/04/2002	12:10 PM
Isophorone	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
N-Nitroso-Di-n-propylamine	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
N-nitrosodiphenylamine	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Naphthalene	2400	DJ	13000	UG/KG	95-2	10/04/2002	12:10 PM
Nitrobenzene	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Pentachlorophenol	ND		32000	UG/KG	95-2	10/04/2002	12:10 PM
Phenanthrene	51000	BD	13000	UG/KG	95-2	10/04/2002	12:10 PM
Phenol	ND		13000	UG/KG	95-2	10/04/2002	12:10 PM
Pyrene	52000	BD	13000	UG/KG	95-2	10/04/2002	12:10 PM

Sample ID: RSS-SS17-S-0 REDL
 Lab Sample ID: A2912604DR
 Date Collected: 09/13/2002
 Time Collected: 09:55

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
1,2-Dichlorobenzene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
1,3-Dichlorobenzene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
1,4-Dichlorobenzene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2,2'-Oxybis(1-Chloropropane)	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2,4,5-Trichlorophenol	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
2,4,6-Trichlorophenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2,4-Dichlorophenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2,4-Dimethylphenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2,4-Dinitrophenol	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
2,4-Dinitrotoluene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2,6-Dinitrotoluene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2-Chloronaphthalene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2-Chlorophenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2-Methylnaphthalene	7900	DJ	67000	UG/KG	95-2	10/09/2002 10:37	PM
2-Methylphenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
2-Nitroaniline	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
2-Nitrophenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
3,3'-Dichlorobenzidine	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
3-Nitroaniline	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
4,6-Dinitro-2-methylphenol	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
4-Bromophenyl phenyl ether	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
4-Chloro-3-methylphenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
4-Chloroaniline	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
4-Chlorophenyl phenyl ether	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
4-Methylphenol	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
4-Nitroaniline	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
4-Nitrophenol	ND		160000	UG/KG	95-2	10/09/2002 10:37	PM
Acenaphthene	31000	DJ	67000	UG/KG	95-2	10/09/2002 10:37	PM
Acenaphthylene	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Anthracene	74000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM
Benzo(a)anthracene	140000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM
Benzo(a)pyrene	110000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM
Benzo(b)fluoranthene	92000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM
Benzo(ghi)perylene	61000	DJ	67000	UG/KG	95-2	10/09/2002 10:37	PM
Benzo(k)fluoranthene	95000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM
Bis(2-chloroethoxy) methane	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Bis(2-chloroethyl) ether	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Bis(2-ethylhexyl) phthalate	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Butyl benzyl phthalate	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Carbazole	30000	DJ	67000	UG/KG	95-2	10/09/2002 10:37	PM
Chrysene	130000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM
Di-n-butyl phthalate	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Di-n-octyl phthalate	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Dibenzo(a,h)anthracene	37000	DJ	67000	UG/KG	95-2	10/09/2002 10:37	PM
Dibenzofuran	23000	DJ	67000	UG/KG	95-2	10/09/2002 10:37	PM
Diethyl phthalate	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Dimethyl phthalate	ND		67000	UG/KG	95-2	10/09/2002 10:37	PM
Fluoranthene	340000	D	67000	UG/KG	95-2	10/09/2002 10:37	PM

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Lab Sample ID: A2912604DR
Date Collected: 09/13/2002
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Date Received: 09/13/2002
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Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	33000	DJ	67000	UG/KG	95-2	10/09/2002	10:37	PM
Hexachlorobenzene	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Hexachlorobutadiene	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Hexachlorocyclopentadiene	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Hexachloroethane	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Indeno(1,2,3-cd)pyrene	67000	D	67000	UG/KG	95-2	10/09/2002	10:37	PM
Isophorone	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
N-Nitroso-Di-n-propylamine	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
N-nitrosodiphenylamine	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Naphthalene	25000	DJ	67000	UG/KG	95-2	10/09/2002	10:37	PM
Nitrobenzene	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Pentachlorophenol	ND		160000	UG/KG	95-2	10/09/2002	10:37	PM
Phenanthrene	280000	D	67000	UG/KG	95-2	10/09/2002	10:37	PM
Phenol	ND		67000	UG/KG	95-2	10/09/2002	10:37	PM
Pyrene	250000	D	67000	UG/KG	95-2	10/09/2002	10:37	PM

Sample ID: RSS-SS18-S-0
 Lab Sample ID: A2912605
 Date Collected: 09/13/2002
 Time Collected: 12:15

Date Received: 09/13/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
1,2-Dichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
1,3-Dichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
1,4-Dichlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2,2'-Oxybis(1-Chloropropane)	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2,4,5-Trichlorophenol	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
2,4,6-Trichlorophenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2,4-Dichlorophenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2,4-Dimethylphenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2,4-Dinitrophenol	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
2,4-Dinitrotoluene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2,6-Dinitrotoluene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2-Chloronaphthalene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2-Chlorophenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2-Methylnaphthalene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2-Methylphenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
2-Nitroaniline	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
2-Nitrophenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
3,3'-Dichlorobenzidine	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
3-Nitroaniline	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
4,6-Dinitro-2-methylphenol	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
4-Bromophenyl phenyl ether	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
4-Chloro-3-methylphenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
4-Chloroaniline	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
4-Chlorophenyl phenyl ether	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
4-Methylphenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
4-Nitroaniline	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
4-Nitrophenol	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
Acenaphthene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Acenaphthylene	89	J	1700	UG/KG	95-2	10/02/2002	18:52	PM
Anthracene	66	J	1700	UG/KG	95-2	10/02/2002	18:52	PM
Benzo(a)anthracene	550	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Benzo(a)pyrene	540	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Benzo(b)fluoranthene	930	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Benzo(ghi)perylene	260	J	1700	UG/KG	95-2	10/02/2002	18:52	PM
Benzo(k)fluoranthene	380	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Bis(2-chloroethoxy) methane	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Bis(2-chloroethyl) ether	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Bis(2-ethylhexyl) phthalate	66	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Butyl benzyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Carbazole	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Chrysene	710	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Di-n-butyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Di-n-octyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Dibenzo(a,h)anthracene	140	J	1700	UG/KG	95-2	10/02/2002	18:52	PM
Dibenzofuran	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Diethyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Dimethyl phthalate	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Fluoranthene	1100	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Hexachlorobenzene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Hexachlorobutadiene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Hexachlorocyclopentadiene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Hexachloroethane	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Indeno(1,2,3-cd)pyrene	270	J	1700	UG/KG	95-2	10/02/2002	18:52	PM
Isophorone	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
N-Nitroso-Di-n-propylamine	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
N-nitrosodiphenylamine	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Naphthalene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Nitrobenzene	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Pentachlorophenol	ND		4100	UG/KG	95-2	10/02/2002	18:52	PM
Phenanthrene	320	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
Phenol	ND		1700	UG/KG	95-2	10/02/2002	18:52	PM
Pyrene	730	BJ	1700	UG/KG	95-2	10/02/2002	18:52	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	10	P	3.4	UG/KG	95-3	10/23/2002		
4,4'-DDE	6.5	P	3.4	UG/KG	95-3	10/23/2002		
4,4'-DDT	34	P	3.4	UG/KG	95-3	10/23/2002		
Aldrin	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		34	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		69	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		34	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		34	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		34	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		34	UG/KG	95-3	10/23/2002		
Aroclor 1260	140		34	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
Dieldrin	2.3	JP	3.4	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	10/23/2002		
Endosulfan II	2.0	JP	3.4	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.4	UG/KG	95-3	10/23/2002		
Endrin	3.1	JP	3.4	UG/KG	95-3	10/23/2002		
Endrin aldehyde	3.3	JP	3.4	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.4	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	2.1	P	1.8	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		18	UG/KG	95-3	10/23/2002		
Toxaphene	ND		180	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	10300	E	3.5	MG/KG	CLP-M	09/25/2002	21:43	
Antimony - Total	6.4		0.24	MG/KG	CLP-M	09/25/2002	21:43	

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Arsenic - Total	16.2		0.25	MG/KG	CLP-M	09/25/2002	21:43	
Barium - Total	798	E	0.21	MG/KG	CLP-M	09/28/2002	05:39	
Beryllium - Total	0.79		0.03	MG/KG	CLP-M	09/25/2002	21:43	
Cadmium - Total	3.4		0.03	MG/KG	CLP-M	09/25/2002	21:43	
Calcium - Total	30800	E	42.2	MG/KG	CLP-M	09/28/2002	05:39	
Chromium - Total	439	E	0.06	MG/KG	CLP-M	09/25/2002	21:43	
Cobalt - Total	16.0		0.16	MG/KG	CLP-M	09/25/2002	21:43	
Copper - Total	264	E	0.10	MG/KG	CLP-M	09/25/2002	21:43	
Iron - Total	149000	E	14.9	MG/KG	CLP-M	09/28/2002	05:39	
Lead - Total	549	E	0.16	MG/KG	CLP-M	09/25/2002	21:43	
Magnesium - Total	11700	E	0.81	MG/KG	CLP-M	09/25/2002	21:43	
Manganese - Total	6770	E	0.11	MG/KG	CLP-M	09/28/2002	05:39	
Mercury - Total	0.327	*	0.006	MG/KG	CLP-M	09/16/2002	22:52	
Nickel - Total	298	E	0.50	MG/KG	CLP-M	09/25/2002	21:43	
Potassium - Total	768	E	3.2	MG/KG	CLP-M	09/25/2002	21:43	
Selenium - Total	4.3		0.52	MG/KG	CLP-M	09/25/2002	21:43	
Silver - Total	2.8		0.10	MG/KG	CLP-M	09/25/2002	21:43	
Sodium - Total	300	B	24.8	MG/KG	CLP-M	09/25/2002	21:43	
Thallium - Total	ND		0.39	MG/KG	CLP-M	09/25/2002	21:43	
Vanadium - Total	30.6	E	0.05	MG/KG	CLP-M	09/25/2002	21:43	
Zinc - Total	2490	E	4.4	MG/KG	CLP-M	09/28/2002	05:39	
Wet Chemistry Analysis								
Cyanide - Total	1.2		0.50	MG/KG	CLP-WC	09/21/2002	09:56	JMS
Leachable pH	8.42		0	S.U.	9045	09/16/2002	17:10	KS

Sample ID: RSS-SS18-S-0
 Lab Sample ID: A2912605RE
 Date Collected: 09/13/2002
 Time Collected: 12:15

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
1,2-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
1,3-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
1,4-Dichlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2,2'-Oxybis(1-Chloropropane)	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2,4,5-Trichlorophenol	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
2,4,6-Trichlorophenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2,4-Dichlorophenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2,4-Dimethylphenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2,4-Dinitrophenol	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
2,4-Dinitrotoluene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2,6-Dinitrotoluene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2-Chloronaphthalene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2-Chlorophenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2-Methylnaphthalene	45	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
2-Methylphenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
2-Nitroaniline	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
2-Nitrophenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
3,3'-Dichlorobenzidine	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
3-Nitroaniline	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
4,6-Dinitro-2-methylphenol	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
4-Bromophenyl phenyl ether	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
4-Chloro-3-methylphenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
4-Chloroaniline	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
4-Chlorophenyl phenyl ether	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
4-Methylphenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
4-Nitroaniline	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
4-Nitrophenol	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
Acenaphthene	49	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Acenaphthylene	250	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Anthracene	260	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Benzo(a)anthracene	1400	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Benzo(a)pyrene	1300	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Benzo(b)fluoranthene	3400		1700	UG/KG	95-2	10/08/2002	22:33	PM
Benzo(ghi)perylene	690	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Benzo(k)fluoranthene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Bis(2-chloroethoxy) methane	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Bis(2-chloroethyl) ether	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Bis(2-ethylhexyl) phthalate	89	BJ	1700	UG/KG	95-2	10/08/2002	22:33	PM
Butyl benzyl phthalate	49	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Carbazole	93	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Chrysene	1700		1700	UG/KG	95-2	10/08/2002	22:33	PM
Di-n-butyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Di-n-octyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Dibenzo(a,h)anthracene	420	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Dibenzofuran	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Diethyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Dimethyl phthalate	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Fluoranthene	2900		1700	UG/KG	95-2	10/08/2002	22:33	PM

Sample ID: RSS-SS18-S-0
 Lab Sample ID: A2912605RE
 Date Collected: 09/13/2002
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Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	58	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Hexachlorobenzene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Hexachlorobutadiene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Hexachlorocyclopentadiene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Hexachloroethane	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Indeno(1,2,3-cd)pyrene	700	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Isophorone	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
N-Nitroso-Di-n-propylamine	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
N-nitrosodiphenylamine	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Naphthalene	84	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Nitrobenzene	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Pentachlorophenol	ND		4000	UG/KG	95-2	10/08/2002	22:33	PM
Phenanthrene	1200	J	1700	UG/KG	95-2	10/08/2002	22:33	PM
Phenol	ND		1700	UG/KG	95-2	10/08/2002	22:33	PM
Pyrene	1900		1700	UG/KG	95-2	10/08/2002	22:33	PM

Sample ID: RSS-TP01-D24-S-0

Date Received: 09/04/2002

Lab Sample ID: A2876601

Project No: NY2A8931

e Collected: 09/03/2002

Client No: 511679

Time Collected: 12:50

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,1-Dichloroethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,1-Dichloroethene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,2-Dichloroethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,2-Dichloroethene (Total)	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
1,2-Dichloropropane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
2-Butanone	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
2-Hexanone	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Acetone	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Benzene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Bromodichloromethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Bromoform	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Bromomethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Carbon Disulfide	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Carbon Tetrachloride	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Chlorobenzene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Chloroethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Chloroform	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Chloromethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Dibromochloromethane	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Ethylbenzene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Methylene chloride	15	B	11	UG/KG	95-1	09/10/2002	18:31	DGP
Styrene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Tetrachloroethene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Toluene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Total Xylenes	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Trichloroethene	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
Vinyl chloride	ND		11	UG/KG	95-1	09/10/2002	18:31	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
1,2-Dichlorobenzene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
1,3-Dichlorobenzene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
1,4-Dichlorobenzene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2,2'-Oxybis(1-Chloropropane)	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2,4,5-Trichlorophenol	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
2,4,6-Trichlorophenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2,4-Dichlorophenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2,4-Dimethylphenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2,4-Dinitrophenol	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
2,4-Dinitrotoluene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2,6-Dinitrotoluene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
-Chloronaphthalene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2-Chlorophenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM

Sample ID: RSS-TP01-D24-S-0
 Lab Sample ID: A2876601
 Date Collected: 09/03/2002
 Time Collected: 12:50

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	120	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
2-Methylphenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
2-Nitroaniline	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
2-Nitrophenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
3,3'-Dichlorobenzidine	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
3-Nitroaniline	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
4,6-Dinitro-2-methylphenol	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
4-Bromophenyl phenyl ether	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
4-Chloro-3-methylphenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
4-Chloroaniline	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
4-Chlorophenyl phenyl ether	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
4-Methylphenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
4-Nitroaniline	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
4-Nitrophenol	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
Acenaphthene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Acenaphthylene	120	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Anthracene	130	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Benzo(a)anthracene	860	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Benzo(a)pyrene	770	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Benzo(b)fluoranthene	840	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Benzo(ghi)perylene	620	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Benzo(k)fluoranthene	760	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Bis(2-chloroethoxy) methane	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Bis(2-chloroethyl) ether	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Bis(2-ethylhexyl) phthalate	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Butyl benzyl phthalate	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Carbazole	56	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Chrysene	990	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Di-n-butyl phthalate	55	BJ	1800	UG/KG	95-2	09/23/2002	15:17	PM
Di-n-octyl phthalate	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Dibenzo(a,h)anthracene	270	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Dibenzofuran	53	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Diethyl phthalate	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Dimethyl phthalate	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Fluoranthene	1800		1800	UG/KG	95-2	09/23/2002	15:17	PM
Fluorene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Hexachlorobenzene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Hexachlorobutadiene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Hexachlorocyclopentadiene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Hexachloroethane	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Indeno(1,2,3-cd)pyrene	590	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Isophorone	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
N-Nitroso-Di-n-propylamine	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
N-nitrosodiphenylamine	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Naphthalene	220	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Nitrobenzene	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM
Pentachlorophenol	ND		4400	UG/KG	95-2	09/23/2002	15:17	PM
Phenanthrene	570	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
Phenol	ND		1800	UG/KG	95-2	09/23/2002	15:17	PM

Sample ID: RSS-TP01-D24-S-0
 Lab Sample ID: A2876601
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 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	1400	J	1800	UG/KG	95-2	09/23/2002	15:17	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		18	UG/KG	95-3	09/26/2002		
4,4'-DDE	30	P	18	UG/KG	95-3	09/26/2002		
4,4'-DDT	79	P	18	UG/KG	95-3	09/26/2002		
Aldrin	ND		9.4	UG/KG	95-3	09/26/2002		
alpha-BHC	ND		9.4	UG/KG	95-3	09/26/2002		
alpha-Chlordane	ND		9.4	UG/KG	95-3	09/26/2002		
Aroclor 1016	ND		180	UG/KG	95-3	09/26/2002		
Aroclor 1221	ND		370	UG/KG	95-3	09/26/2002		
Aroclor 1232	ND		180	UG/KG	95-3	09/26/2002		
Aroclor 1242	ND		180	UG/KG	95-3	09/26/2002		
Aroclor 1248	ND		180	UG/KG	95-3	09/26/2002		
Aroclor 1254	660		180	UG/KG	95-3	09/26/2002		
Aroclor 1260	ND		180	UG/KG	95-3	09/26/2002		
beta-BHC	ND		9.4	UG/KG	95-3	09/26/2002		
delta-BHC	ND		9.4	UG/KG	95-3	09/26/2002		
Dieldrin	18	JP	18	UG/KG	95-3	09/26/2002		
Endosulfan I	ND		9.4	UG/KG	95-3	09/26/2002		
Endosulfan II	ND		18	UG/KG	95-3	09/26/2002		
Endosulfan Sulfate	ND		18	UG/KG	95-3	09/26/2002		
Endrin	ND		18	UG/KG	95-3	09/26/2002		
Endrin aldehyde	16	JP	18	UG/KG	95-3	09/26/2002		
Endrin ketone	ND		18	UG/KG	95-3	09/26/2002		
gamma-BHC (Lindane)	ND		9.4	UG/KG	95-3	09/26/2002		
gamma-Chlordane	ND		9.4	UG/KG	95-3	09/26/2002		
Heptachlor	ND		9.4	UG/KG	95-3	09/26/2002		
Heptachlor epoxide	ND		9.4	UG/KG	95-3	09/26/2002		
Methoxychlor	13	JP	94	UG/KG	95-3	09/26/2002		
Toxaphene	ND		940	UG/KG	95-3	09/26/2002		
Metals Analysis								
Aluminum - Total	9490	E	3.6	MG/KG	CLP-M	09/19/2002	02:07	
Antimony - Total	1.2	BN	0.61	MG/KG	CLP-M	09/19/2002	02:07	
Arsenic - Total	17.2		0.45	MG/KG	CLP-M	09/19/2002	02:07	
Barium - Total	92.0	E	0.02	MG/KG	CLP-M	09/19/2002	02:07	
Beryllium - Total	0.63		0.02	MG/KG	CLP-M	09/19/2002	02:07	
Cadmium - Total	0.49	B	0.03	MG/KG	CLP-M	09/19/2002	02:07	
Calcium - Total	12600	E	4.4	MG/KG	CLP-M	09/19/2002	02:07	
Chromium - Total	22.2	EN	0.07	MG/KG	CLP-M	09/19/2002	02:07	
Cobalt - Total	6.8	E	0.06	MG/KG	CLP-M	09/19/2002	02:07	
Copper - Total	54.2	E	0.07	MG/KG	CLP-M	09/19/2002	02:07	
Iron - Total	24100	E	1.6	MG/KG	CLP-M	09/19/2002	02:07	
Lead - Total	62.3	E	0.26	MG/KG	CLP-M	09/19/2002	02:07	
Magnesium - Total	3950	E	1.2	MG/KG	CLP-M	09/19/2002	02:07	
Manganese - Total	692	E	0.01	MG/KG	CLP-M	09/19/2002	02:07	
Mercury - Total	0.304		0.007	MG/KG	CLP-M	09/06/2002	20:18	
Nickel - Total	26.1	E	0.11	MG/KG	CLP-M	09/19/2002	02:07	

Time: 14:03:38

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site S1/RAR - Soil Probes/Test Pits

Rept: AN1178

Sample ID: RSS-TP01-D24-S-0
Lab Sample ID: A2876601
Date Collected: 09/03/2002
Time Collected: 12:50

Date Received: 09/04/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	989	E	2.3	MG/KG	CLP-M	09/19/2002	02:07	
Selenium - Total	1.8		0.45	MG/KG	CLP-M	09/19/2002	02:07	
Silver - Total	0.07	B	0.06	MG/KG	CLP-M	09/19/2002	02:07	
Sodium - Total	191	B	28.9	MG/KG	CLP-M	09/19/2002	02:07	
Thallium - Total	ND		0.44	MG/KG	CLP-M	09/19/2002	02:07	
Vanadium - Total	16.5	E	0.08	MG/KG	CLP-M	09/19/2002	02:07	
Zinc - Total	193	E	0.46	MG/KG	CLP-M	09/19/2002	02:07	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	7.59		0	S.U.	9045	09/06/2002	14:30	KS

Sample ID: RSS-TP01-D24-S-ORE
 Lab Sample ID: A2876601RE
 Date Collected: 09/03/2002
 Time Collected: 12:50

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time	
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	11	J	18	UG/KG	95-3	10/23/2002	
4,4'-DDE	7.7	J	18	UG/KG	95-3	10/23/2002	
4,4'-DDT	27		18	UG/KG	95-3	10/23/2002	
Aldrin	ND		9.5	UG/KG	95-3	10/23/2002	
alpha-BHC	ND		9.5	UG/KG	95-3	10/23/2002	
alpha-Chlordane	ND		9.5	UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		370	UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1254	160	J	180	UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		180	UG/KG	95-3	10/23/2002	
beta-BHC	ND		9.5	UG/KG	95-3	10/23/2002	
delta-BHC	ND		9.5	UG/KG	95-3	10/23/2002	
Dieldrin	11	JP	18	UG/KG	95-3	10/23/2002	
Endosulfan I	ND		9.5	UG/KG	95-3	10/23/2002	
Endosulfan II	ND		18	UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		18	UG/KG	95-3	10/23/2002	
Endrin	ND		18	UG/KG	95-3	10/23/2002	
Endrin aldehyde	ND		18	UG/KG	95-3	10/23/2002	
Endrin ketone	ND		18	UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		9.5	UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		9.5	UG/KG	95-3	10/23/2002	
Heptachlor	ND		9.5	UG/KG	95-3	10/23/2002	
Heptachlor epoxide	ND		9.5	UG/KG	95-3	10/23/2002	
Methoxychlor	ND		95	UG/KG	95-3	10/23/2002	
Toxaphene	ND		950	UG/KG	95-3	10/23/2002	

Sample ID: RSS-TP02-D36-S-0
 Lab Sample ID: A2876602
 Date Collected: 09/03/2002
 Time Collected: 14:25

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,1-Dichloroethene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
2-Butanone	8	J	13	UG/KG	95-1	09/10/2002	19:30	DGP
2-Hexanone	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Acetone	28		13	UG/KG	95-1	09/10/2002	19:30	DGP
Benzene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Bromoform	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Bromomethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Chlorobenzene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Chloroethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Chloroform	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Chloromethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Ethylbenzene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Methylene chloride	13	B	13	UG/KG	95-1	09/10/2002	19:30	DGP
Styrene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Toluene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Total Xylenes	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Trichloroethene	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
Vinyl chloride	ND		13	UG/KG	95-1	09/10/2002	19:30	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
1,2-Dichlorobenzene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
1,3-Dichlorobenzene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
1,4-Dichlorobenzene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2,2'-Oxybis(1-Chloropropane)	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2,4,5-Trichlorophenol	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
2,4,6-Trichlorophenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2,4-Dichlorophenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2,4-Dimethylphenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2,4-Dinitrophenol	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
2,4-Dinitrotoluene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2,6-Dinitrotoluene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2-Chloronaphthalene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2-Chlorophenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM

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 Lab Sample ID: A2876602
 e Collected: 09/03/2002
 Time Collected: 14:25

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	400	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
2-Methylphenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
2-Nitroaniline	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
2-Nitrophenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
3,3'-Dichlorobenzidine	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
3-Nitroaniline	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
4,6-Dinitro-2-methylphenol	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
4-Bromophenyl phenyl ether	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
4-Chloro-3-methylphenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
4-Chloroaniline	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
4-Chlorophenyl phenyl ether	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
4-Methylphenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
4-Nitroaniline	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
4-Nitrophenol	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
Acenaphthene	350	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Acenaphthylene	630	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Anthracene	1300	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Benzo(a)anthracene	2400	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Benzo(a)pyrene	2100	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Benzo(b)fluoranthene	1800	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Benzo(ghi)perylene	950	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Benzo(k)fluoranthene	1800	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Bis(2-chloroethoxy) methane	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Bis(2-chloroethyl) ether	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Bis(2-ethylhexyl) phthalate	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Butyl benzyl phthalate	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Carbazole	450	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Chrysene	2600	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Di-n-butyl phthalate	240	BJ	4200	UG/KG	95-2	09/23/2002	15:52	PM
Di-n-octyl phthalate	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Dibenzo(a,h)anthracene	460	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Dibenzofuran	510	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Diethyl phthalate	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Dimethyl phthalate	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Fluoranthene	5800		4200	UG/KG	95-2	09/23/2002	15:52	PM
Fluorene	1000	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Hexachlorobenzene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Hexachlorobutadiene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Hexachlorocyclopentadiene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Hexachloroethane	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Indeno(1,2,3-cd)pyrene	930	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Isophorone	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
N-Nitroso-Di-n-propylamine	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
N-nitrosodiphenylamine	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Naphthalene	290	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
Nitrobenzene	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM
Pentachlorophenol	ND		10000	UG/KG	95-2	09/23/2002	15:52	PM
Phenanthrene	4700		4200	UG/KG	95-2	09/23/2002	15:52	PM
Phenol	ND		4200	UG/KG	95-2	09/23/2002	15:52	PM

Sample ID: RSS-TP02-D36-S-0
 Lab Sample ID: A2876602
 Date Collected: 09/03/2002
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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	4000	J	4200	UG/KG	95-2	09/23/2002	15:52	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		43	UG/KG	95-3	09/26/2002		
4,4'-DDE	ND		43	UG/KG	95-3	09/26/2002		
4,4'-DDT	ND		43	UG/KG	95-3	09/26/2002		
Aldrin	ND		22	UG/KG	95-3	09/26/2002		
alpha-BHC	ND		22	UG/KG	95-3	09/26/2002		
alpha-Chlordane	ND		22	UG/KG	95-3	09/26/2002		
Aroclor 1016	ND		430	UG/KG	95-3	09/26/2002		
Aroclor 1221	ND		870	UG/KG	95-3	09/26/2002		
Aroclor 1232	ND		430	UG/KG	95-3	09/26/2002		
Aroclor 1242	ND		430	UG/KG	95-3	09/26/2002		
Aroclor 1248	ND		430	UG/KG	95-3	09/26/2002		
Aroclor 1254	ND		430	UG/KG	95-3	09/26/2002		
Aroclor 1260	ND		430	UG/KG	95-3	09/26/2002		
beta-BHC	ND		22	UG/KG	95-3	09/26/2002		
delta-BHC	ND		22	UG/KG	95-3	09/26/2002		
Dieldrin	ND		43	UG/KG	95-3	09/26/2002		
Endosulfan I	ND		22	UG/KG	95-3	09/26/2002		
Endosulfan II	ND		43	UG/KG	95-3	09/26/2002		
Endosulfan Sulfate	28	J	43	UG/KG	95-3	09/26/2002		
Endrin	ND		43	UG/KG	95-3	09/26/2002		
Endrin aldehyde	ND		43	UG/KG	95-3	09/26/2002		
Endrin ketone	ND		43	UG/KG	95-3	09/26/2002		
gamma-BHC (Lindane)	ND		22	UG/KG	95-3	09/26/2002		
gamma-Chlordane	ND		22	UG/KG	95-3	09/26/2002		
Heptachlor	ND		22	UG/KG	95-3	09/26/2002		
Heptachlor epoxide	ND		22	UG/KG	95-3	09/26/2002		
Methoxychlor	ND		220	UG/KG	95-3	09/26/2002		
Toxaphene	ND		2200	UG/KG	95-3	09/26/2002		

Metals Analysis

Aluminum - Total	10400	E	4.0	MG/KG	CLP-M	09/19/2002	02:20
Antimony - Total	ND	N	0.67	MG/KG	CLP-M	09/19/2002	02:20
Arsenic - Total	7.9		0.50	MG/KG	CLP-M	09/19/2002	02:20
Barium - Total	64.9	E	0.02	MG/KG	CLP-M	09/19/2002	02:20
Beryllium - Total	0.42	B	0.02	MG/KG	CLP-M	09/19/2002	02:20
Cadmium - Total	0.20	B	0.04	MG/KG	CLP-M	09/19/2002	02:20
Calcium - Total	2710	E	4.9	MG/KG	CLP-M	09/19/2002	02:20
Chromium - Total	13.4	EN	0.07	MG/KG	CLP-M	09/19/2002	02:20
Cobalt - Total	6.5	E	0.06	MG/KG	CLP-M	09/19/2002	02:20
Copper - Total	21.9	E	0.07	MG/KG	CLP-M	09/19/2002	02:20
Iron - Total	19600	E	1.7	MG/KG	CLP-M	09/19/2002	02:20
Lead - Total	24.5	E	0.29	MG/KG	CLP-M	09/19/2002	02:20
Magnesium - Total	2310	E	1.4	MG/KG	CLP-M	09/19/2002	02:20
Manganese - Total	214	E	0.01	MG/KG	CLP-M	09/19/2002	02:20
Mercury - Total	ND		0.007	MG/KG	CLP-M	09/06/2002	20:19
Nickel - Total	18.9	E	0.12	MG/KG	CLP-M	09/19/2002	02:20

Sample ID: RSS-TP02-D36-S-0
 Lab Sample ID: A2876602
 Date Collected: 09/03/2002
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Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Metals Analysis								
Potassium - Total	1140	E	2.6	MG/KG	CLP-M	09/19/2002	02:20	
Selenium - Total	1.3		0.50	MG/KG	CLP-M	09/19/2002	02:20	
Silver - Total	ND		0.06	MG/KG	CLP-M	09/19/2002	02:20	
Sodium - Total	437	B	32.0	MG/KG	CLP-M	09/19/2002	02:20	
Thallium - Total	ND		0.48	MG/KG	CLP-M	09/19/2002	02:20	
Vanadium - Total	18.7	E	0.09	MG/KG	CLP-M	09/19/2002	02:20	
Zinc - Total	65.9	E	0.51	MG/KG	CLP-M	09/19/2002	02:20	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	7.62		0	S.U.	9045	09/06/2002	14:30	KS

Sample ID: RSS-TP02-D36-S-ORE

Date Received: 09/04/2002

Lab Sample ID: A2876602RE

Project No: NY2A8931

Date Collected: 09/03/2002

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Time Collected: 14:25

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		42	UG/KG	95-3	10/23/2002	
4,4'-DDE	ND		42	UG/KG	95-3	10/23/2002	
4,4'-DDT	ND		42	UG/KG	95-3	10/23/2002	
Aldrin	ND		22	UG/KG	95-3	10/23/2002	
alpha-BHC	ND		22	UG/KG	95-3	10/23/2002	
alpha-Chlordane	ND		22	UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		420	UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		850	UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		420	UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		420	UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		420	UG/KG	95-3	10/23/2002	
Aroclor 1254	ND		420	UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		420	UG/KG	95-3	10/23/2002	
beta-BHC	ND		22	UG/KG	95-3	10/23/2002	
delta-BHC	ND		22	UG/KG	95-3	10/23/2002	
Dieldrin	ND		42	UG/KG	95-3	10/23/2002	
Endosulfan I	ND		22	UG/KG	95-3	10/23/2002	
Endosulfan II	ND		42	UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		42	UG/KG	95-3	10/23/2002	
Endrin	ND		42	UG/KG	95-3	10/23/2002	
Endrin aldehyde	ND		42	UG/KG	95-3	10/23/2002	
Endrin ketone	ND		42	UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		22	UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		22	UG/KG	95-3	10/23/2002	
Heptachlor	ND		22	UG/KG	95-3	10/23/2002	
Heptachlor epoxide	ND		22	UG/KG	95-3	10/23/2002	
Methoxychlor	ND		220	UG/KG	95-3	10/23/2002	
Toxaphene	ND		2200	UG/KG	95-3	10/23/2002	

Sample ID: RSS-TP11-D24-S-0
 Lab Sample ID: A2876603
 Collected: 09/04/2002
 Time Collected: 15:05

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,1,2-Trichloroethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,1-Dichloroethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,1-Dichloroethene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,2-Dichloroethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,2-Dichloroethene (Total)	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
1,2-Dichloropropane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
2-Butanone	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
2-Hexanone	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
4-Methyl-2-pentanone	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Acetone	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Benzene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Bromodichloromethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Bromoform	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Bromomethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Carbon Disulfide	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Carbon Tetrachloride	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Chlorobenzene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Chloroethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Chloroform	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Chloromethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
cis-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Dibromochloromethane	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Ethylbenzene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Methylene chloride	13	B	10	UG/KG	95-1	09/10/2002	19:01	DGP
Styrene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Tetrachloroethene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Toluene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Total Xylenes	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
trans-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Trichloroethene	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
Vinyl chloride	ND		10	UG/KG	95-1	09/10/2002	19:01	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
1,2-Dichlorobenzene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
1,3-Dichlorobenzene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
1,4-Dichlorobenzene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2,2'-Oxybis(1-Chloropropane)	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2,4,5-Trichlorophenol	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
2,4,6-Trichlorophenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2,4-Dichlorophenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2,4-Dimethylphenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2,4-Dinitrophenol	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
2,4-Dinitrotoluene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2,6-Dinitrotoluene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
1-Chloronaphthalene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2-Chlorophenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	15	J	340	UG/KG	95-2	09/23/2002	16:27	PM
2-Methylphenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
2-Nitroaniline	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
2-Nitrophenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
3,3'-Dichlorobenzidine	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
3-Nitroaniline	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
4,6-Dinitro-2-methylphenol	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
4-Bromophenyl phenyl ether	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
4-Chloro-3-methylphenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
4-Chloroaniline	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
4-Chlorophenyl phenyl ether	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
4-Methylphenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
4-Nitroaniline	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
4-Nitrophenol	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
Acenaphthene	56	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Acenaphthylene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Anthracene	120	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Benzo(a)anthracene	300	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Benzo(a)pyrene	240	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Benzo(b)fluoranthene	230	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Benzo(ghi)perylene	100	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Benzo(k)fluoranthene	220	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Bis(2-chloroethoxy) methane	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Bis(2-chloroethyl) ether	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Bis(2-ethylhexyl) phthalate	59	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Butyl benzyl phthalate	12	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Carbazole	58	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Chrysene	270	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Di-n-butyl phthalate	110	BJ	340	UG/KG	95-2	09/23/2002	16:27	PM
Di-n-octyl phthalate	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Dibenzo(a,h)anthracene	57	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Dibenzofuran	35	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Diethyl phthalate	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Dimethyl phthalate	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Fluoranthene	670		340	UG/KG	95-2	09/23/2002	16:27	PM
Fluorene	62	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Hexachlorobenzene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Hexachlorobutadiene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Hexachlorocyclopentadiene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Hexachloroethane	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Indeno(1,2,3-cd)pyrene	110	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Isophorone	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
N-Nitroso-Di-n-propylamine	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
N-nitrosodiphenylamine	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Naphthalene	35	J	340	UG/KG	95-2	09/23/2002	16:27	PM
Nitrobenzene	ND		340	UG/KG	95-2	09/23/2002	16:27	PM
Pentachlorophenol	ND		830	UG/KG	95-2	09/23/2002	16:27	PM
Phenanthrene	460		340	UG/KG	95-2	09/23/2002	16:27	PM
Phenol	ND		340	UG/KG	95-2	09/23/2002	16:27	PM

Sample ID: RSS-TP11-D24-S-0
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 Date Collected: 09/04/2002
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Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	420		340	UG/KG	95-2	09/23/2002	16:27	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.5	UG/KG	95-3	09/26/2002		
4,4'-DDE	ND		3.5	UG/KG	95-3	09/26/2002		
4,4'-DDT	ND		3.5	UG/KG	95-3	09/26/2002		
Aldrin	ND		1.8	UG/KG	95-3	09/26/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	09/26/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	09/26/2002		
Aroclor 1016	ND		35	UG/KG	95-3	09/26/2002		
Aroclor 1221	ND		71	UG/KG	95-3	09/26/2002		
Aroclor 1232	ND		35	UG/KG	95-3	09/26/2002		
Aroclor 1242	ND		35	UG/KG	95-3	09/26/2002		
Aroclor 1248	ND		35	UG/KG	95-3	09/26/2002		
Aroclor 1254	ND		35	UG/KG	95-3	09/26/2002		
Aroclor 1260	ND		35	UG/KG	95-3	09/26/2002		
beta-BHC	ND		1.8	UG/KG	95-3	09/26/2002		
delta-BHC	ND		1.8	UG/KG	95-3	09/26/2002		
Dieldrin	ND		3.5	UG/KG	95-3	09/26/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	09/26/2002		
Endosulfan II	ND		3.5	UG/KG	95-3	09/26/2002		
Endosulfan Sulfate	ND		3.5	UG/KG	95-3	09/26/2002		
Endrin	ND		3.5	UG/KG	95-3	09/26/2002		
Endrin aldehyde	ND		3.5	UG/KG	95-3	09/26/2002		
Endrin ketone	1.7	JP	3.5	UG/KG	95-3	09/26/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	09/26/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	09/26/2002		
Heptachlor	ND		1.8	UG/KG	95-3	09/26/2002		
Heptachlor epoxide	ND		1.8	UG/KG	95-3	09/26/2002		
Methoxychlor	ND		18	UG/KG	95-3	09/26/2002		
Toxaphene	ND		180	UG/KG	95-3	09/26/2002		
Metals Analysis								
Aluminum - Total	1090	E	3.5	MG/KG	CLP-M	09/19/2002	02:24	
Antimony - Total	13.0	N	0.57	MG/KG	CLP-M	09/19/2002	02:24	
Arsenic - Total	19.5		0.43	MG/KG	CLP-M	09/19/2002	02:24	
Barium - Total	11.4	BE	0.02	MG/KG	CLP-M	09/19/2002	02:24	
Beryllium - Total	0.24	B	0.02	MG/KG	CLP-M	09/19/2002	02:24	
Cadmium - Total	1.7		0.03	MG/KG	CLP-M	09/19/2002	02:24	
Calcium - Total	3080	E	4.2	MG/KG	CLP-M	09/19/2002	02:24	
Chromium - Total	630	EN	0.06	MG/KG	CLP-M	09/19/2002	02:24	
Cobalt - Total	18.3	E	0.05	MG/KG	CLP-M	09/19/2002	02:24	
Copper - Total	291	E	0.06	MG/KG	CLP-M	09/19/2002	02:24	
Iron - Total	279000	E	151	MG/KG	CLP-M	09/20/2002	16:55	
Lead - Total	16.4	E	0.24	MG/KG	CLP-M	09/19/2002	02:24	
Magnesium - Total	813	E	1.2	MG/KG	CLP-M	09/19/2002	02:24	
Manganese - Total	2510	E	0.21	MG/KG	CLP-M	09/20/2002	16:59	
Mercury - Total	ND		0.005	MG/KG	CLP-M	09/06/2002	20:23	
Nickel - Total	505	E	0.11	MG/KG	CLP-M	09/19/2002	02:24	

Time: 14:03:38

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil Probes/Test Pits

000124

Rept: AN1178

Sample ID: RSS-TP11-D24-S-0
Lab Sample ID: A2876603
Date Collected: 09/04/2002
Time Collected: 15:05

Date Received: 09/04/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Potassium - Total	150	BE	2.2	MG/KG	CLP-M	09/19/2002 02:24	
Selenium - Total	5.3		0.43	MG/KG	CLP-M	09/19/2002 02:24	
Silver - Total	0.43	B	0.05	MG/KG	CLP-M	09/19/2002 02:24	
Sodium - Total	59.7	B	27.5	MG/KG	CLP-M	09/19/2002 02:24	
Thallium - Total	ND		0.42	MG/KG	CLP-M	09/19/2002 02:24	
Vanadium - Total	8.5	E	0.07	MG/KG	CLP-M	09/19/2002 02:24	
Zinc - Total	63.2	E	0.44	MG/KG	CLP-M	09/19/2002 02:24	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/12/2002 18:58	JMS
Leachable pH	8.06		0	S.U.	9045	09/06/2002 14:30	KS

Sample ID: RSS-TP11-D24-S-ORE
 Sample ID: A2876603RE
 Date Collected: 09/04/2002
 Time Collected: 15:05

Date Received: 09/04/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.6	UG/KG	95-3	10/23/2002	
4,4'-DDE	ND		3.6	UG/KG	95-3	10/23/2002	
4,4'-DDT	ND		3.6	UG/KG	95-3	10/23/2002	
Aldrin	ND		1.8	UG/KG	95-3	10/23/2002	
alpha-BHC	ND		1.8	UG/KG	95-3	10/23/2002	
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		36	UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		72	UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		36	UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		36	UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		36	UG/KG	95-3	10/23/2002	
Aroclor 1254	ND		36	UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		36	UG/KG	95-3	10/23/2002	
beta-BHC	ND		1.8	UG/KG	95-3	10/23/2002	
delta-BHC	ND		1.8	UG/KG	95-3	10/23/2002	
Dieldrin	ND		3.6	UG/KG	95-3	10/23/2002	
Endosulfan I	ND		1.8	UG/KG	95-3	10/23/2002	
Endosulfan II	ND		3.6	UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	10/23/2002	
Endrin	ND		3.6	UG/KG	95-3	10/23/2002	
Endrin aldehyde	ND		3.6	UG/KG	95-3	10/23/2002	
Endrin ketone	ND		3.6	UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002	
Heptachlor	ND		1.8	UG/KG	95-3	10/23/2002	
Heptachlor epoxide	ND		1.8	UG/KG	95-3	10/23/2002	
Methoxychlor	ND		18	UG/KG	95-3	10/23/2002	
Toxaphene	ND		180	UG/KG	95-3	10/23/2002	

Sample ID: RSS-TP26-D24-S-0
 Lab Sample ID: A2886901
 Date Collected: 09/05/2002
 Time Collected: 13:20

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,1-Dichloroethene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
2-Butanone	8	J	13	UG/KG	95-1	09/10/2002	16:22	DGP
2-Hexanone	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Acetone	47		13	UG/KG	95-1	09/10/2002	16:22	DGP
Benzene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Bromoform	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Bromomethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Chlorobenzene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Chloroethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Chloroform	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Chloromethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Ethylbenzene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Methylene chloride	6	BJ	13	UG/KG	95-1	09/10/2002	16:22	DGP
Styrene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Toluene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Total Xylenes	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
Trichloroethene	2	J	13	UG/KG	95-1	09/10/2002	16:22	DGP
Vinyl chloride	ND		13	UG/KG	95-1	09/10/2002	16:22	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
1,2-Dichlorobenzene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
1,3-Dichlorobenzene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
1,4-Dichlorobenzene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2,2'-Oxybis(1-Chloropropane)	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2,4,5-Trichlorophenol	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
2,4,6-Trichlorophenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2,4-Dichlorophenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2,4-Dimethylphenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2,4-Dinitrophenol	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
2,4-Dinitrotoluene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2,6-Dinitrotoluene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2-Chloronaphthalene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2-Chlorophenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM

Sample ID: RSS-TP26-D24-S-0
 Lab Sample ID: A2886901
 Date Collected: 09/05/2002
 Time Collected: 13:20

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	530	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
2-Methylphenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
2-Nitroaniline	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
2-Nitrophenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
3,3'-Dichlorobenzidine	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
3-Nitroaniline	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
4,6-Dinitro-2-methylphenol	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
4-Bromophenyl phenyl ether	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
4-Chloro-3-methylphenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
4-Chloroaniline	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
4-Chlorophenyl phenyl ether	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
4-Methylphenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
4-Nitroaniline	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
4-Nitrophenol	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
Acenaphthene	210	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Acenaphthylene	190	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Anthracene	730	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Benzo(a)anthracene	2700		2200	UG/KG	95-2	09/23/2002	18:11	PM
Benzo(a)pyrene	2400		2200	UG/KG	95-2	09/23/2002	18:11	PM
Benzo(b)fluoranthene	2000	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Benzo(ghi)perylene	1200	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Benzo(k)fluoranthene	2100	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Bis(2-chloroethoxy) methane	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Bis(2-chloroethyl) ether	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Bis(2-ethylhexyl) phthalate	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Butyl benzyl phthalate	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Carbazole	370	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Chrysene	2900		2200	UG/KG	95-2	09/23/2002	18:11	PM
Di-n-butyl phthalate	58	BJ	2200	UG/KG	95-2	09/23/2002	18:11	PM
Di-n-octyl phthalate	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Dibenzo(a,h)anthracene	660	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Dibenzofuran	380	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Diethyl phthalate	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Dimethyl phthalate	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Fluoranthene	5400		2200	UG/KG	95-2	09/23/2002	18:11	PM
Fluorene	550	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Hexachlorobenzene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Hexachlorobutadiene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Hexachlorocyclopentadiene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Hexachloroethane	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Indeno(1,2,3-cd)pyrene	1300	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Isophorone	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
N-Nitroso-Di-n-propylamine	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
N-nitrosodiphenylamine	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Naphthalene	960	J	2200	UG/KG	95-2	09/23/2002	18:11	PM
Nitrobenzene	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM
Pentachlorophenol	ND		5400	UG/KG	95-2	09/23/2002	18:11	PM
Phenanthrene	4000		2200	UG/KG	95-2	09/23/2002	18:11	PM
Phenol	ND		2200	UG/KG	95-2	09/23/2002	18:11	PM

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Date Received: 09/06/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	3900		2200	UG/KG	95-2	09/23/2002	18:11	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		45	UG/KG	95-3	09/26/2002		
4,4'-DDE	ND		45	UG/KG	95-3	09/26/2002		
4,4'-DDT	ND		45	UG/KG	95-3	09/26/2002		
Aldrin	ND		23	UG/KG	95-3	09/26/2002		
alpha-BHC	ND		23	UG/KG	95-3	09/26/2002		
alpha-Chlordane	ND		23	UG/KG	95-3	09/26/2002		
Aroclor 1016	ND		450	UG/KG	95-3	09/26/2002		
Aroclor 1221	ND		920	UG/KG	95-3	09/26/2002		
Aroclor 1232	ND		450	UG/KG	95-3	09/26/2002		
Aroclor 1242	ND		450	UG/KG	95-3	09/26/2002		
Aroclor 1248	ND		450	UG/KG	95-3	09/26/2002		
Aroclor 1254	ND		450	UG/KG	95-3	09/26/2002		
Aroclor 1260	ND		450	UG/KG	95-3	09/26/2002		
beta-BHC	ND		23	UG/KG	95-3	09/26/2002		
delta-BHC	ND		23	UG/KG	95-3	09/26/2002		
Dieldrin	ND		45	UG/KG	95-3	09/26/2002		
Endosulfan I	ND		23	UG/KG	95-3	09/26/2002		
Endosulfan II	ND		45	UG/KG	95-3	09/26/2002		
Endosulfan Sulfate	ND		45	UG/KG	95-3	09/26/2002		
Endrin	ND		45	UG/KG	95-3	09/26/2002		
Endrin aldehyde	ND		45	UG/KG	95-3	09/26/2002		
Endrin ketone	ND		45	UG/KG	95-3	09/26/2002		
gamma-BHC (Lindane)	ND		23	UG/KG	95-3	09/26/2002		
gamma-Chlordane	ND		23	UG/KG	95-3	09/26/2002		
Heptachlor	ND		23	UG/KG	95-3	09/26/2002		
Heptachlor epoxide	ND		23	UG/KG	95-3	09/26/2002		
Methoxychlor	ND		230	UG/KG	95-3	09/26/2002		
Toxaphene	ND		2300	UG/KG	95-3	09/26/2002		
Metals Analysis								
Aluminum - Total	11300	E	4.3	MG/KG	CLP-M	09/19/2002	02:55	
Antimony - Total	2.1	BN	0.71	MG/KG	CLP-M	09/19/2002	02:55	
Arsenic - Total	17.9		0.53	MG/KG	CLP-M	09/19/2002	02:55	
Barium - Total	140	E	0.03	MG/KG	CLP-M	09/19/2002	02:55	
Beryllium - Total	2.1		0.03	MG/KG	CLP-M	09/19/2002	02:55	
Cadmium - Total	0.49	B	0.04	MG/KG	CLP-M	09/19/2002	02:55	
Calcium - Total	39600	E	5.2	MG/KG	CLP-M	09/19/2002	02:55	
Chromium - Total	27.0	EN	0.08	MG/KG	CLP-M	09/19/2002	02:55	
Cobalt - Total	7.7	E	0.07	MG/KG	CLP-M	09/19/2002	02:55	
Copper - Total	152	E	0.08	MG/KG	CLP-M	09/19/2002	02:55	
Iron - Total	43000	E	1.8	MG/KG	CLP-M	09/19/2002	02:55	
Lead - Total	192	E	0.30	MG/KG	CLP-M	09/19/2002	02:55	
Magnesium - Total	9940	E	1.4	MG/KG	CLP-M	09/19/2002	02:55	
Manganese - Total	970	E	0.01	MG/KG	CLP-M	09/19/2002	02:55	
Mercury - Total	0.308	*	0.007	MG/KG	CLP-M	09/16/2002	21:54	
Nickel - Total	20.7	E	0.13	MG/KG	CLP-M	09/19/2002	02:55	

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Date Received: 09/06/2002

Lab Sample ID: A2886901

Project No: NY2A8931

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Time Collected: 13:20

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	986	E	2.7	MG/KG	CLP-M	09/19/2002	02:55	
Selenium - Total	3.9		0.53	MG/KG	CLP-M	09/19/2002	02:55	
Silver - Total	0.26	B	0.07	MG/KG	CLP-M	09/19/2002	02:55	
Sodium - Total	362	B	34.0	MG/KG	CLP-M	09/19/2002	02:55	
Thallium - Total	ND		0.51	MG/KG	CLP-M	09/19/2002	02:55	
Vanadium - Total	33.9	E	0.09	MG/KG	CLP-M	09/19/2002	02:55	
Zinc - Total	139	E	0.54	MG/KG	CLP-M	09/19/2002	02:55	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	7.79		0	S.U.	9045	09/10/2002	15:45	KS

Sample ID: RSS-TP26-D24-S-ORE
 Lab Sample ID: A2886901RE
 Date Collected: 09/05/2002
 Time Collected: 13:20

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time	
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		18	UG/KG	95-3	10/23/2002	
4,4'-DDE	ND		18	UG/KG	95-3	10/23/2002	
4,4'-DDT	ND		18	UG/KG	95-3	10/23/2002	
Aldrin	ND		9.2	UG/KG	95-3	10/23/2002	
alpha-BHC	ND		9.2	UG/KG	95-3	10/23/2002	
alpha-Chlordane	ND		9.2	UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		360	UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1254	ND		180	UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		180	UG/KG	95-3	10/23/2002	
beta-BHC	ND		9.2	UG/KG	95-3	10/23/2002	
delta-BHC	ND		9.2	UG/KG	95-3	10/23/2002	
Dieldrin	ND		18	UG/KG	95-3	10/23/2002	
Endosulfan I	ND		9.2	UG/KG	95-3	10/23/2002	
Endosulfan II	ND		18	UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		18	UG/KG	95-3	10/23/2002	
Endrin	ND		18	UG/KG	95-3	10/23/2002	
Endrin aldehyde	ND		18	UG/KG	95-3	10/23/2002	
Endrin ketone	15	JP	18	UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		9.2	UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		9.2	UG/KG	95-3	10/23/2002	
Heptachlor	ND		9.2	UG/KG	95-3	10/23/2002	
Heptachlor epoxide	ND		9.2	UG/KG	95-3	10/23/2002	
Methoxychlor	46	JP	92	UG/KG	95-3	10/23/2002	
Toxaphene	ND		920	UG/KG	95-3	10/23/2002	

Sample ID: RSS-TP27-D46-S-0
 Lab Sample ID: A2886902
 e Collected: 09/05/2002
 e Collected: 13:50

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,1-Dichloroethene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
2-Butanone	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
2-Hexanone	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Acetone	23		13	UG/KG	95-1	09/10/2002	20:31	DGP
Benzene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Bromoform	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Bromomethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Chlorobenzene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Chloroethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Chloroform	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Chloromethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Ethylbenzene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Methylene chloride	6	BJ	13	UG/KG	95-1	09/10/2002	20:31	DGP
Styrene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Toluene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Total Xylenes	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Trichloroethene	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
Vinyl chloride	ND		13	UG/KG	95-1	09/10/2002	20:31	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
1,2-Dichlorobenzene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
1,3-Dichlorobenzene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
1,4-Dichlorobenzene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2,2'-Oxybis(1-Chloropropane)	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
2,4,6-Trichlorophenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2,4-Dichlorophenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2,4-Dimethylphenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
2,4-Dinitrotoluene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2,6-Dinitrotoluene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2-Chloronaphthalene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2-Chlorophenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM

Sample ID: RSS-TP27-D46-S-0
 Lab Sample ID: A2886902
 Date Collected: 09/05/2002
 Time Collected: 13:50

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	12	J	410	UG/KG	95-2	09/23/2002	18:46	PM
2-Methylphenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
2-Nitrophenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
3,3'-Dichlorobenzidine	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
4-Bromophenyl phenyl ether	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
4-Chloro-3-methylphenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
4-Chloroaniline	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
4-Chlorophenyl phenyl ether	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
4-Methylphenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
4-Nitrophenol	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
Acenaphthene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Acenaphthylene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Anthracene	20	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Benzo(a)anthracene	46	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Benzo(a)pyrene	35	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Benzo(b)fluoranthene	54	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Benzo(ghi)perylene	20	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Benzo(k)fluoranthene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Bis(2-chloroethoxy) methane	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Bis(2-chloroethyl) ether	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Bis(2-ethylhexyl) phthalate	97	BJ	410	UG/KG	95-2	09/23/2002	18:46	PM
Butyl benzyl phthalate	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Carbazole	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Chrysene	48	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Di-n-butyl phthalate	44	BJ	410	UG/KG	95-2	09/23/2002	18:46	PM
Di-n-octyl phthalate	30	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Dibenzo(a,h)anthracene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Dibenzofuran	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Diethyl phthalate	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Dimethyl phthalate	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Fluoranthene	140	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Fluorene	12	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Hexachlorobenzene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Hexachlorobutadiene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Hexachlorocyclopentadiene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Hexachloroethane	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Indeno(1,2,3-cd)pyrene	20	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Isophorone	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
N-Nitroso-Di-n-propylamine	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
N-nitrosodiphenylamine	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Naphthalene	25	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Nitrobenzene	ND		410	UG/KG	95-2	09/23/2002	18:46	PM
Pentachlorophenol	ND		1000	UG/KG	95-2	09/23/2002	18:46	PM
Phenanthrene	130	J	410	UG/KG	95-2	09/23/2002	18:46	PM
Phenol	ND		410	UG/KG	95-2	09/23/2002	18:46	PM

Sample ID: RSS-TP27-D46-S-0
 Lab Sample ID: A2886902
 e Collected: 09/05/2002
 Time Collected: 13:50

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	98	J	410	UG/KG	95-2	09/23/2002	18:46	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.1	UG/KG	95-3	09/25/2002		
4,4'-DDE	ND		4.1	UG/KG	95-3	09/25/2002		
4,4'-DDT	ND		4.1	UG/KG	95-3	09/25/2002		
Aldrin	ND		2.1	UG/KG	95-3	09/25/2002		
alpha-BHC	ND		2.1	UG/KG	95-3	09/25/2002		
alpha-Chlordane	ND		2.1	UG/KG	95-3	09/25/2002		
Aroclor 1016	ND		41	UG/KG	95-3	09/25/2002		
Aroclor 1221	ND		83	UG/KG	95-3	09/25/2002		
Aroclor 1232	ND		41	UG/KG	95-3	09/25/2002		
Aroclor 1242	ND		41	UG/KG	95-3	09/25/2002		
Aroclor 1248	ND		41	UG/KG	95-3	09/25/2002		
Aroclor 1254	ND		41	UG/KG	95-3	09/25/2002		
Aroclor 1260	ND		41	UG/KG	95-3	09/25/2002		
beta-BHC	ND		2.1	UG/KG	95-3	09/25/2002		
delta-BHC	ND		2.1	UG/KG	95-3	09/25/2002		
Dieldrin	ND		4.1	UG/KG	95-3	09/25/2002		
Endosulfan I	ND		2.1	UG/KG	95-3	09/25/2002		
Endosulfan II	ND		4.1	UG/KG	95-3	09/25/2002		
Endosulfan Sulfate	ND		4.1	UG/KG	95-3	09/25/2002		
Endrin	ND		4.1	UG/KG	95-3	09/25/2002		
Endrin aldehyde	ND		4.1	UG/KG	95-3	09/25/2002		
Endrin ketone	ND		4.1	UG/KG	95-3	09/25/2002		
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	09/25/2002		
gamma-Chlordane	ND		2.1	UG/KG	95-3	09/25/2002		
Heptachlor	ND		2.1	UG/KG	95-3	09/25/2002		
Heptachlor epoxide	ND		2.1	UG/KG	95-3	09/25/2002		
Methoxychlor	ND		21	UG/KG	95-3	09/25/2002		
Toxaphene	ND		210	UG/KG	95-3	09/25/2002		
Metals Analysis								
Aluminum - Total	17400	E	3.9	MG/KG	CLP-M	09/19/2002	02:59	
Antimony - Total	0.74	BN	0.65	MG/KG	CLP-M	09/19/2002	02:59	
Arsenic - Total	12.9		0.48	MG/KG	CLP-M	09/19/2002	02:59	
Barium - Total	80.6	E	0.02	MG/KG	CLP-M	09/19/2002	02:59	
Beryllium - Total	0.68		0.02	MG/KG	CLP-M	09/19/2002	02:59	
Cadmium - Total	0.22	B	0.04	MG/KG	CLP-M	09/19/2002	02:59	
Calcium - Total	1470	E	4.7	MG/KG	CLP-M	09/19/2002	02:59	
Chromium - Total	20.2	EN	0.07	MG/KG	CLP-M	09/19/2002	02:59	
Cobalt - Total	10.9	E	0.06	MG/KG	CLP-M	09/19/2002	02:59	
Copper - Total	32.0	E	0.07	MG/KG	CLP-M	09/19/2002	02:59	
Iron - Total	34900	E	1.7	MG/KG	CLP-M	09/19/2002	02:59	
Lead - Total	14.9	E	0.28	MG/KG	CLP-M	09/19/2002	02:59	
Magnesium - Total	3430	E	1.3	MG/KG	CLP-M	09/19/2002	02:59	
Manganese - Total	155	E	0.01	MG/KG	CLP-M	09/19/2002	02:59	
Mercury - Total	ND	*	0.006	MG/KG	CLP-M	09/16/2002	21:56	
Nickel - Total	24.0	E	0.12	MG/KG	CLP-M	09/19/2002	02:59	

Sample ID: RSS-TP27-D46-S-0
 Lab Sample ID: A2886902
 Date Collected: 09/05/2002
 Time Collected: 13:50

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Metals Analysis								
Potassium - Total	1220	E	2.5	MG/KG	CLP-M	09/19/2002	02:59	
Selenium - Total	2.1		0.48	MG/KG	CLP-M	09/19/2002	02:59	
Silver - Total	ND		0.06	MG/KG	CLP-M	09/19/2002	02:59	
Sodium - Total	187	B	31.1	MG/KG	CLP-M	09/19/2002	02:59	
Thallium - Total	ND		0.47	MG/KG	CLP-M	09/19/2002	02:59	
Vanadium - Total	30.8	E	0.08	MG/KG	CLP-M	09/19/2002	02:59	
Zinc - Total	77.4	E	0.49	MG/KG	CLP-M	09/19/2002	02:59	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS
Leachable pH	6.64		0	S.U.	9045	09/10/2002	15:45	KS

Sample ID: RSS-TP27-D46-S-ORE
 Lab Sample ID: A2886902RE
 Collected: 09/05/2002
 Time Collected: 13:50

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time	
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		4.0	UG/KG	95-3	10/23/2002	
4,4'-DDE	ND		4.0	UG/KG	95-3	10/23/2002	
4,4'-DDT	ND		4.0	UG/KG	95-3	10/23/2002	
Aldrin	ND		2.1	UG/KG	95-3	10/23/2002	
alpha-BHC	ND		2.1	UG/KG	95-3	10/23/2002	
alpha-Chlordane	ND		2.1	UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		40	UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		82	UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		40	UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		40	UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		40	UG/KG	95-3	10/23/2002	
Aroclor 1254	ND		40	UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		40	UG/KG	95-3	10/23/2002	
beta-BHC	ND		2.1	UG/KG	95-3	10/23/2002	
delta-BHC	ND		2.1	UG/KG	95-3	10/23/2002	
Dieldrin	ND		4.0	UG/KG	95-3	10/23/2002	
Endosulfan I	ND		2.1	UG/KG	95-3	10/23/2002	
Endosulfan II	ND		4.0	UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		4.0	UG/KG	95-3	10/23/2002	
Endrin	ND		4.0	UG/KG	95-3	10/23/2002	
Endrin aldehyde	ND		4.0	UG/KG	95-3	10/23/2002	
Endrin ketone	ND		4.0	UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		2.1	UG/KG	95-3	10/23/2002	
Heptachlor	ND		2.1	UG/KG	95-3	10/23/2002	
Heptachlor epoxide	ND		2.1	UG/KG	95-3	10/23/2002	
Methoxychlor	ND		21	UG/KG	95-3	10/23/2002	
Toxaphene	ND		210	UG/KG	95-3	10/23/2002	

Sample ID: RSS-TP32-D46-S-MS
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 Date Collected: 09/05/2002
 Time Collected: 11:35

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,1-Dichloroethene	70		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
2-Butanone	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Acetone	7	J	12	UG/KG	95-1	09/10/2002	21:29	DGP
Benzene	61		12	UG/KG	95-1	09/10/2002	21:29	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Bromoform	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Bromomethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Chlorobenzene	61		12	UG/KG	95-1	09/10/2002	21:29	DGP
Chloroethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Chloroform	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Chloromethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Methylene chloride	7	BJ	12	UG/KG	95-1	09/10/2002	21:29	DGP
Styrene	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Toluene	62		12	UG/KG	95-1	09/10/2002	21:29	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
Trichloroethene	62		12	UG/KG	95-1	09/10/2002	21:29	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/10/2002	21:29	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	1500		360	UG/KG	95-2	09/23/2002	19:56	PM
1,2-Dichlorobenzene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
1,3-Dichlorobenzene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
1,4-Dichlorobenzene	1400		360	UG/KG	95-2	09/23/2002	19:56	PM
2,2'-Oxybis(1-Chloropropane)	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2,4,5-Trichlorophenol	ND		880	UG/KG	95-2	09/23/2002	19:56	PM
2,4,6-Trichlorophenol	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2,4-Dichlorophenol	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2,4-Dimethylphenol	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2,4-Dinitrophenol	ND		880	UG/KG	95-2	09/23/2002	19:56	PM
2,4-Dinitrotoluene	2000		360	UG/KG	95-2	09/23/2002	19:56	PM
2,6-Dinitrotoluene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2-Chloronaphthalene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2-Chlorophenol	2400		360	UG/KG	95-2	09/23/2002	19:56	PM

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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2-Methylphenol	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
2-Nitroaniline	ND		880	UG/KG	95-2	09/23/2002	19:56	PM
2-Nitrophenol	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
3,3'-Dichlorobenzidine	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
3-Nitroaniline	ND		880	UG/KG	95-2	09/23/2002	19:56	PM
4,6-Dinitro-2-methylphenol	ND		880	UG/KG	95-2	09/23/2002	19:56	PM
4-Bromophenyl phenyl ether	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
4-Chloro-3-methylphenol	3000	E	360	UG/KG	95-2	09/23/2002	19:56	PM
4-Chloroaniline	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
4-Chlorophenyl phenyl ether	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
4-Methylphenol	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
4-Nitroaniline	ND		880	UG/KG	95-2	09/23/2002	19:56	PM
4-Nitrophenol	3500	E	880	UG/KG	95-2	09/23/2002	19:56	PM
Acenaphthene	1800		360	UG/KG	95-2	09/23/2002	19:56	PM
Acenaphthylene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Anthracene	62	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Benzo(a)anthracene	390		360	UG/KG	95-2	09/23/2002	19:56	PM
Benzo(a)pyrene	340	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Benzo(b)fluoranthene	360		360	UG/KG	95-2	09/23/2002	19:56	PM
Benzo(ghi)perylene	240	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Benzo(k)fluoranthene	330	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Bis(2-chloroethoxy) methane	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Bis(2-chloroethyl) ether	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Bis(2-ethylhexyl) phthalate	80	BJ	360	UG/KG	95-2	09/23/2002	19:56	PM
Butyl benzyl phthalate	10	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Carbazole	28	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Chrysene	500		360	UG/KG	95-2	09/23/2002	19:56	PM
Di-n-butyl phthalate	79	BJ	360	UG/KG	95-2	09/23/2002	19:56	PM
Di-n-octyl phthalate	24	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Dibenzo(a,h)anthracene	100	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Dibenzofuran	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Diethyl phthalate	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Dimethyl phthalate	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Fluoranthene	740		360	UG/KG	95-2	09/23/2002	19:56	PM
Fluorene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Hexachlorobenzene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Hexachlorobutadiene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Hexachlorocyclopentadiene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Hexachloroethane	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Indeno(1,2,3-cd)pyrene	190	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Isophorone	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
N-Nitroso-Di-n-propylamine	1500		360	UG/KG	95-2	09/23/2002	19:56	PM
N-nitrosodiphenylamine	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Naphthalene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Nitrobenzene	ND		360	UG/KG	95-2	09/23/2002	19:56	PM
Pentachlorophenol	2500		880	UG/KG	95-2	09/23/2002	19:56	PM
Phenanthrene	330	J	360	UG/KG	95-2	09/23/2002	19:56	PM
Phenol	2400		360	UG/KG	95-2	09/23/2002	19:56	PM

Sample ID: RSS-TP32-D46-S-MS
 Lab Sample ID: A2886903MS
 Date Collected: 09/05/2002
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Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	2500		360	UG/KG	95-2	09/23/2002	19:56	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.6	UG/KG	95-3	09/25/2002		
4,4'-DDE	2.2	J	3.6	UG/KG	95-3	09/25/2002		
4,4'-DDT	35		3.6	UG/KG	95-3	09/25/2002		
Aldrin	16		1.9	UG/KG	95-3	09/25/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	09/25/2002		
Aroclor 1016	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1221	ND		73	UG/KG	95-3	09/25/2002		
Aroclor 1232	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1242	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1248	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1254	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1260	ND		36	UG/KG	95-3	09/25/2002		
beta-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
delta-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
Dieldrin	34		3.6	UG/KG	95-3	09/25/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	09/25/2002		
Endosulfan II	ND		3.6	UG/KG	95-3	09/25/2002		
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	09/25/2002		
Endrin	29		3.6	UG/KG	95-3	09/25/2002		
Endrin aldehyde	ND		3.6	UG/KG	95-3	09/25/2002		
Endrin ketone	3.3	JP	3.6	UG/KG	95-3	09/25/2002		
gamma-BHC (Lindane)	17		1.9	UG/KG	95-3	09/25/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	09/25/2002		
Heptachlor	17		1.9	UG/KG	95-3	09/25/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	09/25/2002		
Methoxychlor	ND		19	UG/KG	95-3	09/25/2002		
Toxaphene	ND		190	UG/KG	95-3	09/25/2002		
Metals Analysis								
Antimony - Total	26.5499	N	0.5852	MG/KG	CLP-M	09/19/2002	07:47	
Arsenic - Total	210.1947		0.4335	MG/KG	CLP-M	09/19/2002	07:47	
Barium - Total	294.9322		0.0217	MG/KG	CLP-M	09/19/2002	07:47	
Beryllium - Total	5.4411		0.0217	MG/KG	CLP-M	09/19/2002	07:47	
Cadmium - Total	5.7153		0.0325	MG/KG	CLP-M	09/19/2002	07:47	
Chromium - Total	45.5162	N	0.0650	MG/KG	CLP-M	09/19/2002	07:47	
Cobalt - Total	59.8477		0.0542	MG/KG	CLP-M	09/19/2002	07:47	
Copper - Total	64.4241		0.0650	MG/KG	CLP-M	09/19/2002	07:47	
Lead - Total	74.5076		0.2492	MG/KG	CLP-M	09/19/2002	07:47	
Manganese - Total	768.3205		0.0108	MG/KG	CLP-M	09/19/2002	07:47	
Mercury - Total	0.2958		0.0059	MG/KG	CLP-M	09/16/2002	22:00	
Nickel - Total	76.6608		0.1084	MG/KG	CLP-M	09/19/2002	07:47	
Selenium - Total	185.4632		0.4335	MG/KG	CLP-M	09/19/2002	07:47	
Silver - Total	5.1821		0.0542	MG/KG	CLP-M	09/19/2002	07:47	
Thallium - Total	196.5969		0.4226	MG/KG	CLP-M	09/19/2002	07:47	
Vanadium - Total	63.6709		0.0759	MG/KG	CLP-M	09/19/2002	07:47	

Sample ID: RSS-TP32-D46-S-MS
 Lab Sample ID: A2886903MS
 Collected: 09/05/2002
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Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Zinc - Total	542.2002		0.4443	MG/KG	CLP-M	09/19/2002	07:47	
Wet Chemistry Analysis								
Cyanide - Total	11.0		0.50	MG/KG	CLP-WC	09/12/2002	18:58	JMS

Sample ID: RSS-TP32-D46-S-MSD

Date Received: 09/06/2002

Lab Sample ID: A2886903SD

Project No: NY2A8931

Date Collected: 09/05/2002

Client No: 511679

Time Collected: 11:35

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,1-Dichloroethene	58		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
2-Butanone	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
2-Hexanone	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Acetone	39		13	UG/KG	95-1	09/10/2002	17:33	DGP
Benzene	55		13	UG/KG	95-1	09/10/2002	17:33	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Bromoform	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Bromomethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Chlorobenzene	50		13	UG/KG	95-1	09/10/2002	17:33	DGP
Chloroethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Chloroform	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Chloromethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Ethylbenzene	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Methylene chloride	8	BJ	13	UG/KG	95-1	09/10/2002	17:33	DGP
Styrene	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Toluene	54		13	UG/KG	95-1	09/10/2002	17:33	DGP
Total Xylenes	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
Trichloroethene	53		13	UG/KG	95-1	09/10/2002	17:33	DGP
Vinyl chloride	ND		13	UG/KG	95-1	09/10/2002	17:33	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	1500		370	UG/KG	95-2	09/24/2002	08:54	PM
1,2-Dichlorobenzene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
1,3-Dichlorobenzene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
1,4-Dichlorobenzene	1300		370	UG/KG	95-2	09/24/2002	08:54	PM
2,2'-Oxybis(1-Chloropropane)	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2,4,5-Trichlorophenol	ND		900	UG/KG	95-2	09/24/2002	08:54	PM
2,4,6-Trichlorophenol	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2,4-Dichlorophenol	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2,4-Dimethylphenol	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2,4-Dinitrophenol	ND		900	UG/KG	95-2	09/24/2002	08:54	PM
2,4-Dinitrotoluene	1800		370	UG/KG	95-2	09/24/2002	08:54	PM
2,6-Dinitrotoluene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2-Chloronaphthalene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2-Chlorophenol	2200		370	UG/KG	95-2	09/24/2002	08:54	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2-Methylphenol	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
2-Nitroaniline	ND		900	UG/KG	95-2	09/24/2002	08:54	PM
2-Nitrophenol	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
3,3'-Dichlorobenzidine	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
3-Nitroaniline	ND		900	UG/KG	95-2	09/24/2002	08:54	PM
4,6-Dinitro-2-methylphenol	ND		900	UG/KG	95-2	09/24/2002	08:54	PM
4-Bromophenyl phenyl ether	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
4-Chloro-3-methylphenol	2800		370	UG/KG	95-2	09/24/2002	08:54	PM
4-Chloroaniline	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
4-Chlorophenyl phenyl ether	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
4-Methylphenol	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
4-Nitroaniline	ND		900	UG/KG	95-2	09/24/2002	08:54	PM
4-Nitrophenol	2800		900	UG/KG	95-2	09/24/2002	08:54	PM
Acenaphthene	1700		370	UG/KG	95-2	09/24/2002	08:54	PM
Acenaphthylene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Anthracene	62	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Benzo(a)anthracene	410		370	UG/KG	95-2	09/24/2002	08:54	PM
Benzo(a)pyrene	290	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Benzo(b)fluoranthene	520		370	UG/KG	95-2	09/24/2002	08:54	PM
Benzo(ghi)perylene	260	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Benzo(k)fluoranthene	190	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Bis(2-chloroethoxy) methane	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Bis(2-chloroethyl) ether	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Bis(2-ethylhexyl) phthalate	90	BJ	370	UG/KG	95-2	09/24/2002	08:54	PM
Butyl benzyl phthalate	10	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Carbazole	26	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Chrysene	530		370	UG/KG	95-2	09/24/2002	08:54	PM
Di-n-butyl phthalate	55	BJ	370	UG/KG	95-2	09/24/2002	08:54	PM
Di-n-octyl phthalate	32	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Dibenzo(a,h)anthracene	95	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Dibenzofuran	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Diethyl phthalate	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Dimethyl phthalate	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Fluoranthene	830		370	UG/KG	95-2	09/24/2002	08:54	PM
Fluorene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Hexachlorobenzene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Hexachlorobutadiene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Hexachlorocyclopentadiene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Hexachloroethane	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Indeno(1,2,3-cd)pyrene	220	J	370	UG/KG	95-2	09/24/2002	08:54	PM
Isophorone	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
N-Nitroso-Di-n-propylamine	1500		370	UG/KG	95-2	09/24/2002	08:54	PM
N-nitrosodiphenylamine	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Naphthalene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Nitrobenzene	ND		370	UG/KG	95-2	09/24/2002	08:54	PM
Pentachlorophenol	2300		900	UG/KG	95-2	09/24/2002	08:54	PM
Phenanthrene	370		370	UG/KG	95-2	09/24/2002	08:54	PM
Phenol	2100		370	UG/KG	95-2	09/24/2002	08:54	PM

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 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	2400		370	UG/KG	95-2	09/24/2002	08:54	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.6	UG/KG	95-3	09/25/2002		
4,4'-DDE	2.2	J	3.6	UG/KG	95-3	09/25/2002		
4,4'-DDT	40		3.6	UG/KG	95-3	09/25/2002		
Aldrin	19		1.9	UG/KG	95-3	09/25/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	09/25/2002		
Aroclor 1016	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1221	ND		74	UG/KG	95-3	09/25/2002		
Aroclor 1232	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1242	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1248	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1254	ND		36	UG/KG	95-3	09/25/2002		
Aroclor 1260	ND		36	UG/KG	95-3	09/25/2002		
beta-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
delta-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
Dieldrin	39		3.6	UG/KG	95-3	09/25/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	09/25/2002		
Endosulfan II	ND		3.6	UG/KG	95-3	09/25/2002		
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	09/25/2002		
Endrin	36		3.6	UG/KG	95-3	09/25/2002		
Endrin aldehyde	ND		3.6	UG/KG	95-3	09/25/2002		
Endrin ketone	6.9	P	3.6	UG/KG	95-3	09/25/2002		
gamma-BHC (Lindane)	20		1.9	UG/KG	95-3	09/25/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	09/25/2002		
Heptachlor	20		1.9	UG/KG	95-3	09/25/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	09/25/2002		
Methoxychlor	ND		19	UG/KG	95-3	09/25/2002		
Toxaphene	ND		190	UG/KG	95-3	09/25/2002		
Metals Analysis								
Antimony - Total	24.2794	N	0.5967	MG/KG	CLP-M	09/19/2002	07:52	
Arsenic - Total	209.6258		0.4420	MG/KG	CLP-M	09/19/2002	07:52	
Barium - Total	326.1458		0.0221	MG/KG	CLP-M	09/19/2002	07:52	
Beryllium - Total	5.4539		0.0221	MG/KG	CLP-M	09/19/2002	07:52	
Cadmium - Total	5.7190		0.0331	MG/KG	CLP-M	09/19/2002	07:52	
Chromium - Total	48.8925	N	0.0663	MG/KG	CLP-M	09/19/2002	07:52	
Cobalt - Total	58.9473		0.0552	MG/KG	CLP-M	09/19/2002	07:52	
Copper - Total	65.4132		0.0663	MG/KG	CLP-M	09/19/2002	07:52	
Lead - Total	86.6475		0.2541	MG/KG	CLP-M	09/19/2002	07:52	
Manganese - Total	889.8498		0.0110	MG/KG	CLP-M	09/19/2002	07:52	
Mercury - Total	0.2624		0.0056	MG/KG	CLP-M	09/16/2002	22:01	
Nickel - Total	76.0702		0.1105	MG/KG	CLP-M	09/19/2002	07:52	
Selenium - Total	185.9651		0.4420	MG/KG	CLP-M	09/19/2002	07:52	
Silver - Total	5.1931		0.0552	MG/KG	CLP-M	09/19/2002	07:52	
Thallium - Total	194.5857		0.4309	MG/KG	CLP-M	09/19/2002	07:52	
Vanadium - Total	65.3094		0.0773	MG/KG	CLP-M	09/19/2002	07:52	

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Lab Sample ID: A2886903SD
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Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
Metals Analysis							
Zinc - Total	464.3068		0.4530	MG/KG	CLP-M	09/19/2002 07:52	
Wet Chemistry Analysis							
Cyanide - Total	10.8		0.50	MG/KG	CLP-WC	09/12/2002 18:58	JMS

Sample ID: RSS-TP32-D46-S-0
 Lab Sample ID: A2886903
 Date Collected: 09/05/2002
 Time Collected: 11:35

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,1-Dichloroethene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
2-Butanone	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
2-Hexanone	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Acetone	6	J	13	UG/KG	95-1	09/10/2002	21:00	DGP
Benzene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Bromoform	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Bromomethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Chlorobenzene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Chloroethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Chloroform	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Chloromethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Ethylbenzene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Methylene chloride	9	BJ	13	UG/KG	95-1	09/10/2002	21:00	DGP
Styrene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Toluene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Total Xylenes	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Trichloroethene	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP
Vinyl chloride	ND		13	UG/KG	95-1	09/10/2002	21:00	DGP

TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW

1,2,4-Trichlorobenzene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
1,2-Dichlorobenzene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
1,3-Dichlorobenzene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
1,4-Dichlorobenzene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2,2'-Oxybis(1-Chloropropane)	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2,4,5-Trichlorophenol	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
2,4,6-Trichlorophenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2,4-Dichlorophenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2,4-Dimethylphenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2,4-Dinitrophenol	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
2,4-Dinitrotoluene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2,6-Dinitrotoluene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2-Chloronaphthalene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2-Chlorophenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM

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 e Collected: 09/05/2002
 e Collected: 11:35

Date Received: 09/06/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2-Methylphenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
2-Nitroaniline	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
2-Nitrophenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
3,3'-Dichlorobenzidine	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
3-Nitroaniline	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
4,6-Dinitro-2-methylphenol	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
4-Bromophenyl phenyl ether	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
4-Chloro-3-methylphenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
4-Chloroaniline	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
4-Chlorophenyl phenyl ether	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
4-Methylphenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
4-Nitroaniline	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
4-Nitrophenol	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
Acenaphthene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Acenaphthylene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Anthracene	120	J	370	UG/KG	95-2	09/23/2002	19:21	PM
Benzo(a)anthracene	770		370	UG/KG	95-2	09/23/2002	19:21	PM
Benzo(a)pyrene	590		370	UG/KG	95-2	09/23/2002	19:21	PM
Benzo(b)fluoranthene	740		370	UG/KG	95-2	09/23/2002	19:21	PM
Benzo(ghi)perylene	390		370	UG/KG	95-2	09/23/2002	19:21	PM
Benzo(k)fluoranthene	540		370	UG/KG	95-2	09/23/2002	19:21	PM
Bis(2-chloroethoxy) methane	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Bis(2-chloroethyl) ether	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Bis(2-ethylhexyl) phthalate	84	BJ	370	UG/KG	95-2	09/23/2002	19:21	PM
Butyl benzyl phthalate	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Carbazole	46	J	370	UG/KG	95-2	09/23/2002	19:21	PM
Chrysene	940		370	UG/KG	95-2	09/23/2002	19:21	PM
Di-n-butyl phthalate	49	BJ	370	UG/KG	95-2	09/23/2002	19:21	PM
Di-n-octyl phthalate	25	J	370	UG/KG	95-2	09/23/2002	19:21	PM
Dibenzo(a,h)anthracene	170	J	370	UG/KG	95-2	09/23/2002	19:21	PM
Dibenzofuran	13	J	370	UG/KG	95-2	09/23/2002	19:21	PM
Diethyl phthalate	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Dimethyl phthalate	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Fluoranthene	1300		370	UG/KG	95-2	09/23/2002	19:21	PM
Fluorene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Hexachlorobenzene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Hexachlorobutadiene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Hexachlorocyclopentadiene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Hexachloroethane	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Indeno(1,2,3-cd)pyrene	380		370	UG/KG	95-2	09/23/2002	19:21	PM
Isophorone	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
N-Nitroso-Di-n-propylamine	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
N-nitrosodiphenylamine	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Naphthalene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Nitrobenzene	ND		370	UG/KG	95-2	09/23/2002	19:21	PM
Pentachlorophenol	ND		890	UG/KG	95-2	09/23/2002	19:21	PM
Phenanthrene	650		370	UG/KG	95-2	09/23/2002	19:21	PM
Phenol	ND		370	UG/KG	95-2	09/23/2002	19:21	PM

Sample ID: RSS-TP32-D46-S-0
Lab Sample ID: A2886903
Date Collected: 09/05/2002
Time Collected: 11:35

Date Received: 09/06/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	940		370	UG/KG	95-2	09/23/2002	19:21	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.7	UG/KG	95-3	09/25/2002		
4,4'-DDE	2.1	J	3.7	UG/KG	95-3	09/25/2002		
4,4'-DDT	ND		3.7	UG/KG	95-3	09/25/2002		
Aldrin	ND		1.9	UG/KG	95-3	09/25/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	09/25/2002		
Aroclor 1016	ND		37	UG/KG	95-3	09/25/2002		
Aroclor 1221	ND		75	UG/KG	95-3	09/25/2002		
Aroclor 1232	ND		37	UG/KG	95-3	09/25/2002		
Aroclor 1242	ND		37	UG/KG	95-3	09/25/2002		
Aroclor 1248	ND		37	UG/KG	95-3	09/25/2002		
Aroclor 1254	ND		37	UG/KG	95-3	09/25/2002		
Aroclor 1260	ND		37	UG/KG	95-3	09/25/2002		
beta-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
delta-BHC	ND		1.9	UG/KG	95-3	09/25/2002		
Dieldrin	ND		3.7	UG/KG	95-3	09/25/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	09/25/2002		
Endosulfan II	ND		3.7	UG/KG	95-3	09/25/2002		
Endosulfan Sulfate	ND		3.7	UG/KG	95-3	09/25/2002		
Endrin	ND		3.7	UG/KG	95-3	09/25/2002		
Endrin aldehyde	ND		3.7	UG/KG	95-3	09/25/2002		
Endrin ketone	2.1	JP	3.7	UG/KG	95-3	09/25/2002		
gamma-BHC (Lindane)	ND		1.9	UG/KG	95-3	09/25/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	09/25/2002		
Heptachlor	ND		1.9	UG/KG	95-3	09/25/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	09/25/2002		
Methoxychlor	ND		19	UG/KG	95-3	09/25/2002		
Toxaphene	ND		190	UG/KG	95-3	09/25/2002		
Metals Analysis								
Aluminum - Total	7170	E	3.6	MG/KG	CLP-M	09/19/2002	03:04	
Antimony - Total	ND	N	0.60	MG/KG	CLP-M	09/19/2002	03:04	
Arsenic - Total	11.0		0.44	MG/KG	CLP-M	09/19/2002	03:04	
Barium - Total	86.9	E	0.02	MG/KG	CLP-M	09/19/2002	03:04	
Beryllium - Total	0.38	B	0.02	MG/KG	CLP-M	09/19/2002	03:04	
Cadmium - Total	0.39	B	0.03	MG/KG	CLP-M	09/19/2002	03:04	
Calcium - Total	18300	E	4.4	MG/KG	CLP-M	09/19/2002	03:04	
Chromium - Total	16.6	EN	0.07	MG/KG	CLP-M	09/19/2002	03:04	
Cobalt - Total	8.2	E	0.06	MG/KG	CLP-M	09/19/2002	03:04	
Copper - Total	33.1	E	0.07	MG/KG	CLP-M	09/19/2002	03:04	
Iron - Total	22700	E	1.5	MG/KG	CLP-M	09/19/2002	03:04	
Lead - Total	21.9	E	0.25	MG/KG	CLP-M	09/19/2002	03:04	
Magnesium - Total	5490	E	1.2	MG/KG	CLP-M	09/19/2002	03:04	
Manganese - Total	563	E	0.01	MG/KG	CLP-M	09/19/2002	03:04	
Mercury - Total	ND	*	0.006	MG/KG	CLP-M	09/16/2002	21:58	
Nickel - Total	23.5	E	0.11	MG/KG	CLP-M	09/19/2002	03:04	

Sample ID: RSS-TP32-D46-S-0
 Lab Sample ID: A2886903
 e Collected: 09/05/2002
 e Collected: 11:35

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Potassium - Total	927	E	2.3	MG/KG	CLP-M	09/19/2002 03:04	
Selenium - Total	1.2		0.44	MG/KG	CLP-M	09/19/2002 03:04	
Silver - Total	ND		0.06	MG/KG	CLP-M	09/19/2002 03:04	
Sodium - Total	148	B	28.5	MG/KG	CLP-M	09/19/2002 03:04	
Thallium - Total	ND		0.43	MG/KG	CLP-M	09/19/2002 03:04	
Vanadium - Total	11.4	E	0.08	MG/KG	CLP-M	09/19/2002 03:04	
Zinc - Total	342	E	0.45	MG/KG	CLP-M	09/19/2002 03:04	
Wet Chemistry Analysis							
Cyanide - Total	0.54		0.50	MG/KG	CLP-WC	09/12/2002 18:58	JMS
Leachable pH	10.3		0	S.U.	9045	09/10/2002 15:45	KS

Sample ID: RSS-TP32-D46-S-OMSRE
 Lab Sample ID: A2886903C
 Date Collected: 09/05/2002
 Time Collected: 11:35

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.6	UG/KG	95-3	10/24/2002	
4,4'-DDE	ND		3.6	UG/KG	95-3	10/24/2002	
4,4'-DDT	25	P	3.6	UG/KG	95-3	10/24/2002	
Aldrin	12		1.9	UG/KG	95-3	10/24/2002	
alpha-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/24/2002	
Aroclor 1016	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1221	ND		74	UG/KG	95-3	10/24/2002	
Aroclor 1232	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1242	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1248	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1254	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1260	ND		36	UG/KG	95-3	10/24/2002	
beta-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
delta-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
Dieldrin	25		3.6	UG/KG	95-3	10/24/2002	
Endosulfan I	ND		1.9	UG/KG	95-3	10/24/2002	
Endosulfan II	ND		3.6	UG/KG	95-3	10/24/2002	
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	10/24/2002	
Endrin	28		3.6	UG/KG	95-3	10/24/2002	
Endrin aldehyde	ND		3.6	UG/KG	95-3	10/24/2002	
Endrin ketone	ND		3.6	UG/KG	95-3	10/24/2002	
gamma-BHC (Lindane)	12		1.9	UG/KG	95-3	10/24/2002	
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/24/2002	
Heptachlor	13	P	1.9	UG/KG	95-3	10/24/2002	
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/24/2002	
Methoxychlor	ND		19	UG/KG	95-3	10/24/2002	
Toxaphene	ND		190	UG/KG	95-3	10/24/2002	

Sample ID: RSS-TP32-D46-S-ORE
 Lab Sample ID: A2886903RE
 Collected: 09/05/2002
 Time Collected: 11:35

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.7	UG/KG	95-3	10/24/2002	
4,4'-DDE	ND		3.7	UG/KG	95-3	10/24/2002	
4,4'-DDT	ND		3.7	UG/KG	95-3	10/24/2002	
Aldrin	ND		1.9	UG/KG	95-3	10/24/2002	
alpha-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/24/2002	
Aroclor 1016	ND		37	UG/KG	95-3	10/24/2002	
Aroclor 1221	ND		75	UG/KG	95-3	10/24/2002	
Aroclor 1232	ND		37	UG/KG	95-3	10/24/2002	
Aroclor 1242	ND		37	UG/KG	95-3	10/24/2002	
Aroclor 1248	ND		37	UG/KG	95-3	10/24/2002	
Aroclor 1254	ND		37	UG/KG	95-3	10/24/2002	
Aroclor 1260	ND		37	UG/KG	95-3	10/24/2002	
beta-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
delta-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
Dieldrin	ND		3.7	UG/KG	95-3	10/24/2002	
Endosulfan I	ND		1.9	UG/KG	95-3	10/24/2002	
Endosulfan II	ND		3.7	UG/KG	95-3	10/24/2002	
Endosulfan Sulfate	ND		3.7	UG/KG	95-3	10/24/2002	
Endrin	ND		3.7	UG/KG	95-3	10/24/2002	
Endrin aldehyde	ND		3.7	UG/KG	95-3	10/24/2002	
Endrin ketone	ND		3.7	UG/KG	95-3	10/24/2002	
gamma-BHC (Lindane)	ND		1.9	UG/KG	95-3	10/24/2002	
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/24/2002	
Heptachlor	ND		1.9	UG/KG	95-3	10/24/2002	
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/24/2002	
Methoxychlor	ND		19	UG/KG	95-3	10/24/2002	
Toxaphene	ND		190	UG/KG	95-3	10/24/2002	

Sample ID: RSS-TP32-D46-S-OSDRE
 Lab Sample ID: A2886903D
 Date Collected: 09/05/2002
 Time Collected: 11:35

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.6	UG/KG	95-3	10/24/2002	
4,4'-DDE	ND		3.6	UG/KG	95-3	10/24/2002	
4,4'-DDT	28	P	3.6	UG/KG	95-3	10/24/2002	
Aldrin	12		1.9	UG/KG	95-3	10/24/2002	
alpha-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/24/2002	
Aroclor 1016	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1221	ND		74	UG/KG	95-3	10/24/2002	
Aroclor 1232	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1242	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1248	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1254	ND		36	UG/KG	95-3	10/24/2002	
Aroclor 1260	ND		36	UG/KG	95-3	10/24/2002	
beta-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
delta-BHC	ND		1.9	UG/KG	95-3	10/24/2002	
Dieldrin	27		3.6	UG/KG	95-3	10/24/2002	
Endosulfan I	ND		1.9	UG/KG	95-3	10/24/2002	
Endosulfan II	ND		3.6	UG/KG	95-3	10/24/2002	
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	10/24/2002	
Endrin	27	P	3.6	UG/KG	95-3	10/24/2002	
Endrin aldehyde	ND		3.6	UG/KG	95-3	10/24/2002	
Endrin ketone	ND		3.6	UG/KG	95-3	10/24/2002	
gamma-BHC (Lindane)	13		1.9	UG/KG	95-3	10/24/2002	
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/24/2002	
Heptachlor	13	P	1.9	UG/KG	95-3	10/24/2002	
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/24/2002	
Methoxychlor	ND		19	UG/KG	95-3	10/24/2002	
Toxaphene	ND		190	UG/KG	95-3	10/24/2002	

Sample ID: RSS-TP33-D46-S-0
 Lab Sample ID: A2886905
 Date Collected: 09/05/2002
 Time Collected: 12:30

Date Received: 09/06/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
2-Butanone	10	J	12	UG/KG	95-1	09/10/2002	18:02	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Acetone	55		12	UG/KG	95-1	09/10/2002	18:02	DGP
Benzene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Bromoform	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Bromomethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Chloroethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Chloroform	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Chloromethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Methylene chloride	9	BJ	12	UG/KG	95-1	09/10/2002	18:02	DGP
Styrene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Toluene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/10/2002	18:02	DGP

ANALYTICAL REPORT

Job#: A02-9166, A02-9173, A02-9174, A02-9298, A02-9300, A02-9352,
A02-9402, A02-9508, A02-9509, A02-9616, A02-9709

STL Project#: NY2A8931


SDG#: 9166

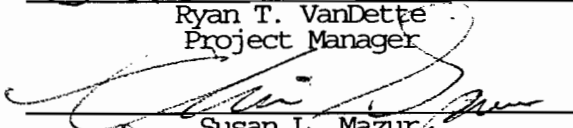
Site Name: TVGA - ROBLIN STEEL SITE

Tasks: Roblin Steel Site SI/RAR - Sediment
Roblin Steel Site SI/RAR - Soil/Test Borings
Roblin Steel Site SI/RAR - Surface Soil/Fill

Mr. James Manzella
TVGA
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Elma, NY 14059-0264

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Ryan T. VanDette
Project Manager


Susan L. Mazur
Laboratory Director

11/07/2002

This report contains 149 pages which are individually numbered.

Severn Trent Laboratories, Inc.

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METHODS SUMMARY

Job#: A02-9166, A02-9173, A02-9174, A02-9298, A02-9300, A02-9352,
A02-9402, A02-9508, A02-9509, A02-9616, A02-9709

STL Project#: NY2A8931

SDG#: 9166

Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
TVGA - ASP 95 - VOLATILES - S	ASP95 95-1
TVGA - ASP 95 - VOLATILES - W	ASP95 95-1
TVGA - ASP 95 - SEMIVOLATILES - S	ASP95 95-2
TVGA - ASP 95 - SEMIVOLATILES - W	ASP95 95-2
TVGA - ASP 95 - PESTICIDES/AROCLORS - S	ASP95 95-3
TVGA - ASP 95 - PESTICIDES/AROCLORS - W	ASP95 95-3
Aluminum - Total	ASP95 CLP-M
Antimony - Total	ASP95 CLP-M
Arsenic - Total	ASP95 CLP-M
Barium - Total	ASP95 CLP-M
Beryllium - Total	ASP95 CLP-M
Cadmium - Total	ASP95 CLP-M
Calcium - Total	ASP95 CLP-M
Chromium - Total	ASP95 CLP-M
Cobalt - Total	ASP95 CLP-M
Copper - Total	ASP95 CLP-M
Iron - Total	ASP95 CLP-M
Lead - Total	ASP95 CLP-M
Magnesium - Total	ASP95 CLP-M
Manganese - Total	ASP95 CLP-M
Mercury - Total	ASP95 CLP-M
Nickel - Total	ASP95 CLP-M
Potassium - Total	ASP95 CLP-M
Selenium - Total	ASP95 CLP-M
Silver - Total	ASP95 CLP-M
Sodium - Total	ASP95 CLP-M
Thallium - Total	ASP95 CLP-M
Vanadium - Total	ASP95 CLP-M
Zinc - Total	ASP95 CLP-M
Cyanide - Total	ASP95 CLP-WC
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
 September 1995

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED		RECEIVED	
		DATE	TIME	DATE	TIME
A2950902	RSS-HC01-SED-0	09/24/2002	16:00	09/24/2002	19:00
A2950903	RSS-HC02-SED-0	09/24/2002	16:15	09/24/2002	19:00
A2950901	RSS-OF01-SED-0	09/24/2002	14:30	09/24/2002	19:00
A2970901	RSS-SMP01-SLD-0	10/01/2002	11:00	10/02/2002	09:40
A2970902	RSS-SMP02-05-SLD-0	10/01/2002	11:20	10/02/2002	09:40
A2970903	RSS-SMP06-SED-0	10/01/2002	11:35	10/02/2002	09:40
A2970904	RSS-SMP07-08-SLD-0	10/01/2002	12:00	10/02/2002	09:40
A2970905	RSS-SMP09-SED-0	10/01/2002	12:30	10/02/2002	09:40
A2970905MD	RSS-SMP09-SED-MD	10/01/2002	12:30	10/02/2002	09:40
A2970905MS	RSS-SMP09-SED-MS	10/01/2002	12:30	10/02/2002	09:40
A2970905SD	RSS-SMP09-SED-SD	10/01/2002	12:30	10/02/2002	09:40
A2917401	RSS-SS19-S-0	09/16/2002	17:35	09/16/2002	19:50
A2930004MD	RSS-SS20-S-MD	09/17/2002	10:35	09/17/2002	19:00
A2930004MS	RSS-SS20-S-MS	09/17/2002	10:35	09/17/2002	19:00
A2930004SD	RSS-SS20-S-MSD	09/17/2002	10:35	09/17/2002	19:00
A2930004	RSS-SS20-S-O	09/17/2002	10:35	09/17/2002	19:00
A2930005	RSS-SS21-S-O-215MRD	09/17/2002	12:45	09/17/2002	19:00
A2930006	RSS-SS22-S-O-449SRRD	09/17/2002	12:45	09/17/2002	19:00
A2930001	RSS-SSXX-RB	09/17/2002	09:40	09/17/2002	19:00
A2917301	RSS-TB02-D48-S-0	09/16/2002	11:45	09/16/2002	19:50
A2917303	RSS-TB03-D48-S-0	09/16/2002	16:45	09/16/2002	19:50
A2929801	RSS-TB04-D610-S-O	09/17/2002	16:35	09/17/2002	19:00
A2935201MD	RSS-TB05-D410-S-MD	09/18/2002	09:50	09/19/2002	20:15
A2935201MS	RSS-TB05-D410-S-MS	09/18/2002	09:50	09/19/2002	20:15
A2935201	RSS-TB05-D410-S-O	09/18/2002	09:50	09/19/2002	20:15
A2935201SD	RSS-TB05-D410-S-SD	09/18/2002	09:50	09/19/2002	20:15
A2935202	RSS-TB06-D1018-S-O	09/18/2002	16:35	09/19/2002	20:15
A2935203	RSS-TB07-D04-S-O	09/19/2002	12:45	09/19/2002	20:15
A2935204	RSS-TB08-D610-S-O	09/19/2002	17:30	09/19/2002	20:15
A2940201	RSS-TB09-D1016-S-O	09/20/2002	13:45	09/20/2002	16:20
A2912606	RSS-TB1-D24-S-O	09/13/2002	12:00	09/13/2002	19:30
A2950801	RSS-TB10-D810-S-O	09/23/2002	09:50	09/24/2002	19:00
A2961601	RSS-TB11-D26-S-O	09/26/2002	09:30	09/27/2002	16:40
A2961602	RSS-TB12-D04-S-O	09/27/2002	10:30	09/27/2002	16:40
A2917302	RSS-TEXX-RB	09/16/2002	13:45	09/16/2002	19:50
A2930002	TRIP BLANK	09/17/2002		09/17/2002	19:00
A2950904	TRIP BLANK	09/24/2002		09/24/2002	19:00

NON-CONFORMANCE SUMMARY

Job#: A02-9166,A02-9173,A02-9174,A02-9298,A02-9300,A02-9352,
A02-9402,A02-9508,A02-9509,A02-9616,A02-9709

STL Project#: NY2A8931

SDG#: 9166

Site Name: TVGA - ROBLIN STEEL SITE

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A02-9166

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A02-9173

Sample Cooler(s) were received at the following temperature(s); 5 °C
All samples were received in good condition.

A02-9174

Sample Cooler(s) were received at the following temperature(s); 5 °C
All samples were received in good condition.

A02-9298

Sample Cooler(s) were received at the following temperature(s); 8 °C
Sample(s) were received at a temperature of 8°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

A02-9300

Sample Cooler(s) were received at the following temperature(s); 8 °C
All samples were received in good condition.

A02-9352

Sample Cooler(s) were received at the following temperature(s); 15 °C
The sample cooler was received at a temperature of 15°C, however, there was ice present in the cooler.

A02-9402

Sample Cooler(s) were received at the following temperature(s); 11 °C
Samples were received at a temperature of 11°C, however, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data. Limited Volume available.

A02-9508

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

A02-9509

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

A02-9616

Sample Cooler(s) were received at the following temperature(s); 6 °C
All samples were received in good condition.

A02-9709

Sample Cooler(s) were received at the following temperature(s); 5 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Acetone and Methylene Chloride were detected in Method Blanks VBLK23, VBLK23A, VBLK29, VBLK33, VBLK41 and VBLK43 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Methylene Chloride was detected in Method Blank VBLK19 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Bromomethane, Acetone and Methylene Chloride were detected in Method Blanks VBLK20 and VBLK25 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Chloromethane, Methylene Chloride, Acetone and Bromomethane were detected in Method Blanks VBLK34 and VBLK42 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Methylene Chloride, Acetone and Toluene were detected in Method Blanks VBLK31 and VBLK49 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Methylene Chloride and Toluene were detected in Method Blank VBLK48A at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Acetone, Methylene Chloride and Chloromethane were detected in Method Blank VBLK30 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

All water samples were preserved to a PH less than 2.

The analytes Chloromethane, Methylene Chloride, Acetone and Toluene were detected in Method Blank VBLK32 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Chloromethane, Bromomethane, Methylene Chloride, Acetone and Toluene were detected in Method Blank VBLK48 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

Total Xylenes were detected in sample RSS-TB12-D04-S-O DL but not detected in RSS-TB12-D04-S-O. The presence of Total Xylenes in the dilution may be attributed to carry-over from a previous analysis.

Initial calibration standard curve A2I0001120-1 exhibited the %RSD of Bromoform as above quality control limits. ASP00 protocol allows for the %RSD of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standard A2C0005189-1 exhibited the %D of Vinyl Chloride as above quality control limits. ASP00 protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standards A2C0005377-1, A2C0005378-1, A2C0005223-1, A2C0005566-1 and A2C0005567-1 all exhibited the %D of Bromomethane as above quality control limits. ASP00 protocol allows for the %D of up to two analytes, per standard, to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standard A2C0005286-1 exhibited the %D of Carbon Tetrachloride as above quality control limits. ASP00 protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standards A2C0005281-1 and A2C0005284-1 both exhibited the %D of 1,2-Dichloroethane and Carbon Tetrachloride as above quality control limits. ASP00 protocol allows for the %D of up to two analytes, per standard, to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standard A2C0005434-1 exhibited the %D of Bromomethane and 1,1-Dichloroethene as above quality control limits. ASP00 protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

Continuing calibration standard A2C0005565-1 exhibited the %D of Bromomethane and 1,1,2,2-Tetrachloroethane as above quality control limits. ASP00 protocol allows for the %D of up to two analytes to exceed quality control limits. As a result no corrective action was required.

RSS-SMP09-SED-MS exhibited the spike recoveries of 1,1-Dichloroethene, Chlorobenzene, Toluene, and Trichloroethene as below quality control limits. RSS-SMP09-SED-SD exhibited the spike recoveries of 1,1-Dichloroethene, Trichloroethene, Benzene, Toluene and Chlorobenzene as also below quality control limits. The MSB recoveries were compliant.

The relative percent difference between the Matrix Spike and the Matrix Spike duplicate of sample RSS-SMP09-SED-0 exceeded quality control limits for Benzene, Chlorobenzene, and Toluene.

GC/MS Semivolatile Data

Several analytes were detected in the Method Blank A2B0908602 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Bis(2-ethylhexyl)phthalate was detected in the Method Blanks A2B0912902, A2B0941203 and A2B073302 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate were detected in the Method Blank A2B0927802 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

Spiking compounds 1,2,4-Trichlorobenzene, 1,4-Dichlorobenzene and N-Nitrosodi-n-propylamine were below the method defined quality control limits in the Matrix Spike Blank A2B0908601. Those analytes may be biased low in the associated samples.

Spiking compound 2,4-Dinitrotoluene was above the method defined quality control limits in the Matrix Spike Blank A2B0876701 and in the Matrix Spike Blank Duplicate A2B0876702. Since the results were biased high and the analytes were not detected in the samples, no corrective action was required.

Spiking compounds Pyrene and N-Nitrosodi-n-propylamine were below the method defined quality control limits in the Matrix Spike Duplicate RSS-SS20-S-O MSD. The relative percent difference between the Matrix Spike RSS-SS20-S-O MS and the Matrix Spike duplicate RSS-SS20-S-O MSD exceeded quality control limits for Pyrene. All Matrix Spike RSS-SS20-S-O MS recoveries were compliant.

The relative percent difference between the Matrix Spike RSS-SS20-S-O MS and the Matrix Spike duplicate RSS-SS20-S-O MSD exceeded quality control limits for Pyrene.

Spiking compound 2,4-Dinitrotoluene was below the method defined quality control limits in samples RSS-TB05-D410-S-0-MS and RSS-TB05-D410-S-0-SD. However, all associated MSB recoveries were compliant.

All surrogate and spike recoveries for jobs A02-9166, A02-9173 and A02-9174 were below the method defined quality control limits in all soil samples, Blanks and Matrix Spikes due to lost extract recovery during GPC cleanup. All samples were re-extracted outside of hold time and re-analyzed with compliant results. All results for the original samples should be considered biased low.

The surrogate recoveries for 2,4,6-Tribromophenol and 2-Fluorophenol were below the method defined quality control limits in all sample RSS-TB04-D610-S-0. Since the sample would have been out of hold time there was no re-extraction done as per the program manager. All associated analytes may be biased low.

The surrogate recoveries for 1,2-Dichlorobenzene-D4, 2-Fluorophenol, Phenol-D5 and Nitrobenzene-d5 were diluted out of sample RSS-SMP01-SLD-0.

The internal standard recovery for Perylene-D12 was below the method defined quality control limits in sample RSS-SMP09-SED-0. Sample matrix affect was confirmed with the

results of the Matrix Spike RSS-SMP09-SED-O MS and the the Matrix Spike Duplicate RSS-SMP09-SED-O MSD.

The internal standard recovery for 1,4-Dichlorobenzene-D4 was at the method defined quality control lower limit in sample RSS-BT07-D04-S-O.

GC Extractable Data

For CLP Pesticide/PCB analysis, PBLK10 and MSB10 have the recovery of the surrogate Tetrachloro-m-xylene and surrogate Decachlorobiphenyl outside of advisory quality control limits, due to a preparation error. The recovery of the all associated sample surrogates is compliant.

The recoveries of surrogate Decachlorobiphenyl in samples RSS-HC02-SED-O, RSS-SMP01-SLD-O, RSS-SMP07-08-SLD-O, RSS-SS19-S-O, RSS-SS20-S-ORE, RSS-SS20-S-MSD, and RSS-TB12-D04-S-O is elevated outside of advisory quality control limits due to the sample matrix. The recovery of the surrogate Tetrachloro-m-xylene for these samples is within quality control limits, no corrective action was required.

The recovery of the surrogate Tetrachloro-m-xylene in sample RSS-OF01-SED-O is outside of advisory quality control limits due to the sample matrix. The recovery of the surrogate Decachlorobiphenyl is within advisory quality control criteria. No corrective action was required.

Several samples required dilution prior to analysis due to high concentrations of target analytes. The surrogates were diluted out of samples RSS-SMP01-SLD-O, RSS-SMP01-SLD-ODL, and RSS-SMP06-SED-O due to the dilution of the extracts.

The Matrix Spike Blank Duplicate (MSBD10) had a low recovery for Aldrin. All Matrix Spike Blank (MSB10) recoveries were compliant.

The associated soil Matrix Spike Blank (MSB14), Matrix Spike and Matrix Spike Duplicate for samples RSS-TB04-D610-S-O, RSS-TB05-D410-S-O, RSS-TB06-D1018-S-O, RSS-TB07-D04-S-O, RSS-TB08-D610-S-O, and RSS-TB09-D1016-S-O have low recoveries for gamma-BHC, Endrin, and Dieldrin. The results for these compounds should be considered estimated for these samples.

The associated soil Matrix Spike Blank (MSB16) for samples RSS-SS19-S-O, RSS-TB02-D48-S-O, and RSS-TB03-D48-S-O have low recoveries for gamma-BHC, Endrin, and Dieldrin. The results for these compounds should be considered estimated for these samples.

Sample RSS-SS20-S-O-MS had low recoveries for gamma-BHC, Endrin, Dieldrin, and 4,4'-DDT. Sample RSS-SS20-S-O-MSD had a low recovery for 4,4'-DDT. All associated Matrix Spike Blank recoveries were compliant.

For Pesticide/PCB analysis, sample (A2930004) RSS-SS20-S-O was reprep'd out-of-hold due to sample extract being lost during concentration.

Metals Data

The following elements are not contained in the CLP spiking solution for samples RSS-TB05-D410-S-MS, RSS-HC02-SED-O MS, RSS-SMP09-SED-MS, and RSS-SS20-S-MS: Aluminum, Calcium, Iron, Magnesium, Sodium, and Potassium.

The analyte Zinc was detected in the Method Blank (A2B0958502) at a level above the project established reporting limit. However, all samples had levels of Zinc greater than ten times that of the Method Blank value, therefore, no corrective action was necessary.

The recovery of Antimony fell below the QC limits and the recovery of Nickel fell above the QC limits in sample RSS-SS20-S-MS. The recovery of Antimony and Zinc fell below and the recovery of Manganese fell above the QC limits in sample RSS-TB05-D410-S-MS. The recovery of Antimony and Chromium fell below the QC limits in sample RSS-HC02-SED-0 MS. The recovery of Antimony, Barium, Beryllium, Cadmium and Mercury fell below the QC limits in sample RSS-SMP09-SED-MS. The LCS was acceptable for all elements.

The recovery of sample RSS-SS20-S-MS fell above the QC limits for Zinc and fell below the QC limits for Manganese. The recovery of sample RSS-HC02-SED-0 MS fell above the QC limits for Manganese and fell below the QC limits for Copper and Zinc. The recovery of sample RSS-SMP09-SED-MS fell above the QC limits for Zinc and fell below the QC limits for Chromium, Copper, Manganese, and Nickel. The sample results were more than four times greater than the spike added, therefore, no qualifiers were needed. The LCS was acceptable for all elements.

Wet Chemistry Data

The LCS (A2B0929803, A2B09930803, & A2B0948303) recoveries for Cyanide were above quality control limits. Since target analytes were non-detect in the samples and the high recoveries would yield a high bias, no further corrective action was necessary.

The soil LCS (A2B1012503) was outside of the recommended QC limits for Cyanide analysis, however, all other QC were compliant.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SS19-S-0	A2917401	95-2	5.00	008
RSS-SS19-S-0	A2917401	95-3	5.00	002
RSS-SS19-S-0	A2917401	Calcium - Total	10.00	008
RSS-SS19-S-0	A2917401	Manganese - Total	10.00	008
RSS-SS19-S-0	A2917401	Zinc - Total	10.00	008
RSS-SS19-S-0	A2917401RE	95-2	5.00	008
RSS-SS20-S-0	A2930004	95-2	5.00	008
RSS-SS20-S-0	A2930004	Calcium - Total	10.00	008
RSS-SS20-S-0	A2930004	Iron - Total	10.00	008
RSS-SS20-S-0	A2930004	Manganese - Total	10.00	008
RSS-SS20-S-0	A2930004	Zinc - Total	10.00	008
RSS-SS20-S-MD	A2930004MD	Calcium - Total	10.00	008
RSS-SS20-S-MD	A2930004MD	Iron - Total	10.00	008
RSS-SS20-S-MD	A2930004MD	Manganese - Total	10.00	008
RSS-SS20-S-MD	A2930004MD	Zinc - Total	10.00	008
RSS-SS20-S-MS	A2930004MS	95-2	5.00	008
RSS-SS20-S-MS	A2930004MS	Manganese - Total	10.00	008
RSS-SS20-S-MS	A2930004MS	Zinc - Total	10.00	008
RSS-SS20-S-MSD	A2930004SD	95-2	5.00	008
RSS-TB07-D04-S-0	A2935203	Iron - Total	10.00	008
RSS-TB09-D1016-S-0	A2940201	Calcium - Total	5.00	008
RSS-TB09-D1016-S-0	A2940201	Zinc - Total	5.00	008
RSS-OF01-SED-0	A2950901	95-2	5.00	008
RSS-OF01-SED-0	A2950901	Manganese - Total	10.00	008
RSS-OF01-SED-0	A2950901	Zinc - Total	10.00	008
RSS-HC01-SED-0 DL	A2950902DL	95-2	4.00	008
RSS-TB11-D26-S-0 DL	A2961601DL	95-2	5.00	008
RSS-TB12-D04-S-0	A2961602	95-3	4.00	002
RSS-TB12-D04-S-0	A2961602	Calcium - Total	5.00	008
RSS-TB12-D04-S-ODL	A2961602DL	95-1	20.00	008
RSS-SMP01-SLD-0	A2970901	95-2	40.00	008
RSS-SMP01-SLD-0	A2970901	95-3	5.00	008
RSS-SMP01-SLD-0	A2970901	Iron - Total	10.00	008
RSS-SMP01-SLD-0	A2970901	Manganese - Total	10.00	008
RSS-SMP01-SLD-0	A2970901	Zinc - Total	10.00	008
RSS-SMP01-SLD-ODL	A2970901DL	95-3	50.00	008
RSS-SMP02-05-SLD-0	A2970902	95-2	5.00	008
RSS-SMP02-05-SLD-0	A2970902	95-3	10.00	002
RSS-SMP02-05-SLD-0	A2970902	Iron - Total	10.00	008
RSS-SMP02-05-SLD-0	A2970902	Manganese - Total	10.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SMP02-05-SLD-0	A2970902	Zinc - Total	100.00	008
RSS-SMP06-SED-0	A2970903	95-2	50.00	008
RSS-SMP06-SED-0	A2970903	95-3	10.00	002
RSS-SMP06-SED-0	A2970903	Iron - Total	10.00	008
RSS-SMP06-SED-0	A2970903	Lead - Total	100.00	008
RSS-SMP06-SED-0	A2970903	Manganese - Total	10.00	008
RSS-SMP06-SED-0	A2970903	Zinc - Total	10.00	008
RSS-SMP07-08-SLD-0	A2970904	95-2	10.00	008
RSS-SMP07-08-SLD-0	A2970904	95-3	5.00	002
RSS-SMP07-08-SLD-0	A2970904	Manganese - Total	10.00	008
RSS-SMP07-08-SLD-0	A2970904	Zinc - Total	10.00	008
RSS-SMP09-SED-0	A2970905	Calcium - Total	10.00	008
RSS-SMP09-SED-0	A2970905	Iron - Total	10.00	008
RSS-SMP09-SED-0	A2970905	Manganese - Total	10.00	008
RSS-SMP09-SED-0	A2970905	Zinc - Total	10.00	008
RSS-SMP09-SED-MD	A2970905MD	Calcium - Total	10.00	008
RSS-SMP09-SED-MD	A2970905MD	Iron - Total	10.00	008
RSS-SMP09-SED-MD	A2970905MD	Manganese - Total	10.00	008
RSS-SMP09-SED-MD	A2970905MD	Zinc - Total	10.00	008
RSS-SMP09-SED-MS	A2970905MS	Manganese - Total	10.00	008
RSS-SMP09-SED-MS	A2970905MS	Zinc - Total	10.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Sample ID: RSS-HC01-SED-0
 Lab Sample ID: A2950902
 Date Collected: 09/24/2002
 Time Collected: 16:00

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
2-Butanone	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Acetone	2	BJ	12	UG/KG	95-1	09/30/2002	14:46	DGP
Benzene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Bromoform	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Bromomethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Chloroethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Chloroform	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Chloromethane	1	BJ	12	UG/KG	95-1	09/30/2002	14:46	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Methylene chloride	6	BJ	12	UG/KG	95-1	09/30/2002	14:46	DGP
Styrene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Toluene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/30/2002	14:46	DGP

TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW

1,2,4-Trichlorobenzene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
1,2-Dichlorobenzene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
1,3-Dichlorobenzene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
1,4-Dichlorobenzene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2,2'-Oxybis(1-Chloropropane)	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2,4,5-Trichlorophenol	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
2,4,6-Trichlorophenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2,4-Dichlorophenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2,4-Dimethylphenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2,4-Dinitrophenol	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
2,4-Dinitrotoluene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2,6-Dinitrotoluene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2-Chloronaphthalene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2-Chlorophenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM

Sample ID: RSS-HC01-SED-0
 Lab Sample ID: A2950902
 Date Collected: 09/24/2002
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Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	26	J	400	UG/KG	95-2	10/09/2002	15:39	PM
2-Methylphenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
2-Nitroaniline	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
2-Nitrophenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
3,3'-Dichlorobenzidine	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
3-Nitroaniline	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
4,6-Dinitro-2-methylphenol	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
4-Bromophenyl phenyl ether	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
4-Chloro-3-methylphenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
4-Chloroaniline	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
4-Chlorophenyl phenyl ether	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
4-Methylphenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
4-Nitroaniline	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
4-Nitrophenol	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
Acenaphthene	170	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Acenaphthylene	11	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Anthracene	760		400	UG/KG	95-2	10/09/2002	15:39	PM
Benzo(a)anthracene	1200		400	UG/KG	95-2	10/09/2002	15:39	PM
Benzo(a)pyrene	820		400	UG/KG	95-2	10/09/2002	15:39	PM
Benzo(b)fluoranthene	1700		400	UG/KG	95-2	10/09/2002	15:39	PM
benzo(ghi)perylene	220	J	400	UG/KG	95-2	10/09/2002	15:39	PM
benzo(k)fluoranthene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Bis(2-chloroethoxy) methane	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Bis(2-chloroethyl) ether	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Bis(2-ethylhexyl) phthalate	63	BJ	400	UG/KG	95-2	10/09/2002	15:39	PM
Butyl benzyl phthalate	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Carbazole	430		400	UG/KG	95-2	10/09/2002	15:39	PM
Chrysene	1400		400	UG/KG	95-2	10/09/2002	15:39	PM
Di-n-butyl phthalate	21	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Di-n-octyl phthalate	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Dibenzo(a,h)anthracene	200	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Dibenzofuran	120	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Diethyl phthalate	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Dimethyl phthalate	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Fluoranthene	3800	E	400	UG/KG	95-2	10/09/2002	15:39	PM
Fluorene	280	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Hexachlorobenzene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Hexachlorobutadiene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Hexachlorocyclopentadiene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Hexachloroethane	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Indeno(1,2,3-cd)pyrene	370	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Isophorone	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
N-Nitroso-Di-n-propylamine	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
N-nitrosodiphenylamine	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Naphthalene	12	J	400	UG/KG	95-2	10/09/2002	15:39	PM
Nitrobenzene	ND		400	UG/KG	95-2	10/09/2002	15:39	PM
Pentachlorophenol	ND		970	UG/KG	95-2	10/09/2002	15:39	PM
phenanthrene	3200		400	UG/KG	95-2	10/09/2002	15:39	PM
Phenol	ND		400	UG/KG	95-2	10/09/2002	15:39	PM

Sample ID: RSS-HC01-SED-0
 Lab Sample ID: A2950902
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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	2400		400	UG/KG	95-2	10/09/2002	15:39	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.0	UG/KG	95-3	10/15/2002		
4,4'-DDE	ND		4.0	UG/KG	95-3	10/15/2002		
4,4'-DDT	2.1	J	4.0	UG/KG	95-3	10/15/2002		
Aldrin	ND		2.1	UG/KG	95-3	10/15/2002		
alpha-BHC	ND		2.1	UG/KG	95-3	10/15/2002		
alpha-Chlordane	ND		2.1	UG/KG	95-3	10/15/2002		
Aroclor 1016	ND		40	UG/KG	95-3	10/15/2002		
Aroclor 1221	ND		82	UG/KG	95-3	10/15/2002		
Aroclor 1232	ND		40	UG/KG	95-3	10/15/2002		
Aroclor 1242	ND		40	UG/KG	95-3	10/15/2002		
Aroclor 1248	ND		40	UG/KG	95-3	10/15/2002		
Aroclor 1254	ND		40	UG/KG	95-3	10/15/2002		
Aroclor 1260	ND		40	UG/KG	95-3	10/15/2002		
beta-BHC	ND		2.1	UG/KG	95-3	10/15/2002		
delta-BHC	ND		2.1	UG/KG	95-3	10/15/2002		
Dieldrin	ND		4.0	UG/KG	95-3	10/15/2002		
Endosulfan I	ND		2.1	UG/KG	95-3	10/15/2002		
Endosulfan II	ND		4.0	UG/KG	95-3	10/15/2002		
Endosulfan Sulfate	ND		4.0	UG/KG	95-3	10/15/2002		
Endrin	ND		4.0	UG/KG	95-3	10/15/2002		
Endrin aldehyde	ND		4.0	UG/KG	95-3	10/15/2002		
Endrin ketone	ND		4.0	UG/KG	95-3	10/15/2002		
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	10/15/2002		
gamma-Chlordane	ND		2.1	UG/KG	95-3	10/15/2002		
Heptachlor	ND		2.1	UG/KG	95-3	10/15/2002		
Heptachlor epoxide	ND		2.1	UG/KG	95-3	10/15/2002		
Methoxychlor	6.0	JP	21	UG/KG	95-3	10/15/2002		
Toxaphene	ND		210	UG/KG	95-3	10/15/2002		
Metals Analysis								
Aluminum - Total	14800	E	7.6	MG/KG	CLP-M	10/06/2002	21:22	
Antimony - Total	1.8	BN	1.3	MG/KG	CLP-M	10/06/2002	21:22	
Arsenic - Total	13.6	E	0.27	MG/KG	CLP-M	10/04/2002	04:36	
Barium - Total	94.8	E	0.02	MG/KG	CLP-M	10/04/2002	04:36	
Beryllium - Total	0.57	B	0.04	MG/KG	CLP-M	10/04/2002	04:36	
Cadmium - Total	0.55	B	0.04	MG/KG	CLP-M	10/04/2002	04:36	
Calcium - Total	10400	E*	2.4	MG/KG	CLP-M	10/04/2002	04:36	
Chromium - Total	15.0	EN	0.07	MG/KG	CLP-M	10/04/2002	04:36	
Cobalt - Total	10.4	E	0.18	MG/KG	CLP-M	10/04/2002	04:36	
Copper - Total	124	E*	0.14	MG/KG	CLP-M	10/06/2002	21:22	
Iron - Total	57500	E	1.7	MG/KG	CLP-M	10/04/2002	04:36	
Lead - Total	47.9	E	0.18	MG/KG	CLP-M	10/04/2002	04:36	
Magnesium - Total	3240	E	0.89	MG/KG	CLP-M	10/04/2002	04:36	
Manganese - Total	816	E	0.05	MG/KG	CLP-M	10/04/2002	04:36	
Mercury - Total	ND	N	0.013	MG/KG	CLP-M	10/03/2002	20:06	
Nickel - Total	27.1	E*	0.55	MG/KG	CLP-M	10/04/2002	04:36	

Sample ID: RSS-HC01-SED-0
Sample ID: A2950902
Collected: 09/24/2002
Time Collected: 16:00

Date Received: 09/24/2002
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Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	947	E	3.5	MG/KG	CLP-M	10/04/2002	04:36	
Selenium - Total	2.8		0.94	MG/KG	CLP-M	10/06/2002	21:22	
Silver - Total	0.14	B	0.11	MG/KG	CLP-M	10/04/2002	04:36	
Sodium - Total	114	B	27.2	MG/KG	CLP-M	10/04/2002	04:36	
Thallium - Total	ND		0.42	MG/KG	CLP-M	10/04/2002	04:36	
Vanadium - Total	14.3	E	0.06	MG/KG	CLP-M	10/04/2002	04:36	
Zinc - Total	233	E	0.96	MG/KG	CLP-M	10/06/2002	21:22	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	10/01/2002	11:35	NAP
Leachable pH	7.18		0	S.U.	9045	09/26/2002	15:54	KS

Sample ID: RSS-HC01-SED-0 DL
 Lab Sample ID: A2950902DL
 Date Collected: 09/24/2002
 Time Collected: 16:00

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
1,2-Dichlorobenzene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
1,3-Dichlorobenzene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
1,4-Dichlorobenzene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2,2'-Oxybis(1-Chloropropane)	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2,4,5-Trichlorophenol	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
2,4,6-Trichlorophenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2,4-Dichlorophenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2,4-Dimethylphenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2,4-Dinitrophenol	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
2,4-Dinitrotoluene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2,6-Dinitrotoluene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2-Chloronaphthalene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2-Chlorophenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2-Methylnaphthalene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2-Methylphenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
2-Nitroaniline	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
2-Nitrophenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
3,3'-Dichlorobenzidine	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
3-Nitroaniline	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
4,6-Dinitro-2-methylphenol	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
4-Bromophenyl phenyl ether	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
4-Chloro-3-methylphenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
4-Chloroaniline	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
4-Chlorophenyl phenyl ether	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
4-Methylphenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
4-Nitroaniline	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
4-Nitrophenol	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
Acenaphthene	100	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Acenaphthylene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Anthracene	550	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Benzo(a)anthracene	880	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Benzo(a)pyrene	560	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Benzo(b)fluoranthene	1100	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Benzo(ghi)perylene	190	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Benzo(k)fluoranthene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Bis(2-chloroethoxy) methane	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Bis(2-chloroethyl) ether	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Bis(2-ethylhexyl) phthalate	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Butyl benzyl phthalate	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Carbazole	240	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Chrysene	930	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Di-n-butyl phthalate	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Di-n-octyl phthalate	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Dibenzo(a,h)anthracene	130	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Dibenzofuran	61	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Diethyl phthalate	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Dimethyl phthalate	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Fluoranthene	2700	D	1600	UG/KG	95-2	10/11/2002	11:50	PM

Sample ID: RSS-HC01-SED-0 DL
 Lab Sample ID: A2950902DL
 e Collected: 09/24/2002
 Time Collected: 16:00

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	170	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Hexachlorobenzene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Hexachlorobutadiene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Hexachlorocyclopentadiene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Hexachloroethane	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Indeno(1,2,3-cd)pyrene	300	DJ	1600	UG/KG	95-2	10/11/2002	11:50	PM
Isophorone	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
N-Nitroso-Di-n-propylamine	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
N-nitrosodiphenylamine	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Naphthalene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Nitrobenzene	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Pentachlorophenol	ND		3900	UG/KG	95-2	10/11/2002	11:50	PM
Phenanthrene	2600	D	1600	UG/KG	95-2	10/11/2002	11:50	PM
Phenol	ND		1600	UG/KG	95-2	10/11/2002	11:50	PM
Pyrene	2000	D	1600	UG/KG	95-2	10/11/2002	11:50	PM

Sample ID: RSS-HC02-SED-0

Lab Sample ID: A2950903

Date Collected: 09/24/2002

Time Collected: 16:15

Date Received: 09/24/2002

Project No: NY2A8931

Client No: 511679

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,1-Dichloroethene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
2-Butanone	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
2-Hexanone	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Acetone	6	BJ	13	UG/KG	95-1	09/30/2002	16:59	DGP
Benzene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Bromoform	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Bromomethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Chlorobenzene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Chloroethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Chloroform	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Chloromethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Ethylbenzene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Methylene chloride	10	BJ	13	UG/KG	95-1	09/30/2002	16:59	DGP
Styrene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Toluene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Total Xylenes	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Trichloroethene	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP
Vinyl chloride	ND		13	UG/KG	95-1	09/30/2002	16:59	DGP

TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW

1,2,4-Trichlorobenzene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
1,2-Dichlorobenzene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
1,3-Dichlorobenzene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
1,4-Dichlorobenzene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2,2'-Oxybis(1-Chloropropane)	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2,4,5-Trichlorophenol	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
2,4,6-Trichlorophenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2,4-Dichlorophenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2,4-Dimethylphenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2,4-Dinitrophenol	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
2,4-Dinitrotoluene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2,6-Dinitrotoluene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2-Chloronaphthalene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2-Chlorophenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM

Sample ID: RSS-HC02-SED-0
 Sample ID: A2950903
 Date Collected: 09/24/2002
 Time Collected: 16:15

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2-Methylphenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
2-Nitroaniline	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
2-Nitrophenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
3,3'-Dichlorobenzidine	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
3-Nitroaniline	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
4,6-Dinitro-2-methylphenol	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
4-Bromophenyl phenyl ether	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
4-Chloro-3-methylphenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
4-Chloroaniline	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
4-Chlorophenyl phenyl ether	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
4-Methylphenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
4-Nitroaniline	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
4-Nitrophenol	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
Acenaphthene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Acenaphthylene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Anthracene	16	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Benzo(a)anthracene	72	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Benzo(a)pyrene	65	J	470	UG/KG	95-2	10/09/2002	16:14	PM
benzo(b)fluoranthene	81	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Benzo(ghi)perylene	40	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Benzo(k)fluoranthene	45	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Bis(2-chloroethoxy) methane	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Bis(2-chloroethyl) ether	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Bis(2-ethylhexyl) phthalate	250	BJ	470	UG/KG	95-2	10/09/2002	16:14	PM
Butyl benzyl phthalate	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Carbazole	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Chrysene	81	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Di-n-butyl phthalate	50	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Di-n-octyl phthalate	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Dibenzo(a,h)anthracene	15	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Dibenzofuran	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Diethyl phthalate	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Dimethyl phthalate	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Fluoranthene	160	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Fluorene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Hexachlorobenzene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Hexachlorobutadiene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Hexachlorocyclopentadiene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Hexachloroethane	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Indeno(1,2,3-cd)pyrene	36	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Isophorone	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
N-Nitroso-Di-n-propylamine	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
N-nitrosodiphenylamine	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
Naphthalene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
nitrobenzene	ND		470	UG/KG	95-2	10/09/2002	16:14	PM
pentachlorophenol	ND		1100	UG/KG	95-2	10/09/2002	16:14	PM
Phenanthrene	72	J	470	UG/KG	95-2	10/09/2002	16:14	PM
Phenol	ND		470	UG/KG	95-2	10/09/2002	16:14	PM

Date: 10/01/2002
 Time: 14:05:59

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Sample ID: RSS-HC02-SED-0
 Lab Sample ID: A2950903
 Date Collected: 09/24/2002
 Time Collected: 16:15

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	130	J	470	UG/KG	95-2	10/09/2002 16:14	PM	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.7	UG/KG	95-3	10/15/2002		
4,4'-DDE	ND		4.7	UG/KG	95-3	10/15/2002		
4,4'-DDT	ND		4.7	UG/KG	95-3	10/15/2002		
Aldrin	ND		2.4	UG/KG	95-3	10/15/2002		
alpha-BHC	ND		2.4	UG/KG	95-3	10/15/2002		
alpha-Chlordane	ND		2.4	UG/KG	95-3	10/15/2002		
Aroclor 1016	ND		47	UG/KG	95-3	10/15/2002		
Aroclor 1221	ND		96	UG/KG	95-3	10/15/2002		
Aroclor 1232	ND		47	UG/KG	95-3	10/15/2002		
Aroclor 1242	ND		47	UG/KG	95-3	10/15/2002		
Aroclor 1248	ND		47	UG/KG	95-3	10/15/2002		
Aroclor 1254	ND		47	UG/KG	95-3	10/15/2002		
Aroclor 1260	ND		47	UG/KG	95-3	10/15/2002		
beta-BHC	ND		2.4	UG/KG	95-3	10/15/2002		
delta-BHC	ND		2.4	UG/KG	95-3	10/15/2002		
Dieldrin	ND		4.7	UG/KG	95-3	10/15/2002		
Endosulfan I	ND		2.4	UG/KG	95-3	10/15/2002		
Endosulfan II	ND		4.7	UG/KG	95-3	10/15/2002		
Endosulfan Sulfate	ND		4.7	UG/KG	95-3	10/15/2002		
Endrin	ND		4.7	UG/KG	95-3	10/15/2002		
Endrin aldehyde	ND		4.7	UG/KG	95-3	10/15/2002		
Endrin ketone	ND		4.7	UG/KG	95-3	10/15/2002		
gamma-BHC (Lindane)	ND		2.4	UG/KG	95-3	10/15/2002		
gamma-Chlordane	ND		2.4	UG/KG	95-3	10/15/2002		
Heptachlor	ND		2.4	UG/KG	95-3	10/15/2002		
Heptachlor epoxide	ND		2.4	UG/KG	95-3	10/15/2002		
Methoxychlor	ND		24	UG/KG	95-3	10/15/2002		
Toxaphene	ND		240	UG/KG	95-3	10/15/2002		
Metals Analysis								
Aluminum - Total	23700	E	9.3	MG/KG	CLP-M	10/06/2002 21:26		
Antimony - Total	2.7	BN	1.5	MG/KG	CLP-M	10/06/2002 21:26		
Arsenic - Total	7.7	E	0.33	MG/KG	CLP-M	10/04/2002 04:40		
Barium - Total	106	E	0.03	MG/KG	CLP-M	10/04/2002 04:40		
Beryllium - Total	0.58	B	0.04	MG/KG	CLP-M	10/04/2002 04:40		
Cadmium - Total	0.35	B	0.04	MG/KG	CLP-M	10/04/2002 04:40		
Calcium - Total	3540	E*	2.9	MG/KG	CLP-M	10/04/2002 04:40		
Chromium - Total	34.0	EN	0.09	MG/KG	CLP-M	10/04/2002 04:40		
Cobalt - Total	11.9	E	0.21	MG/KG	CLP-M	10/04/2002 04:40		
Copper - Total	172	E*	0.17	MG/KG	CLP-M	10/06/2002 21:26		
Iron - Total	28200	E	2.0	MG/KG	CLP-M	10/04/2002 04:40		
Lead - Total	40.8	E	0.21	MG/KG	CLP-M	10/04/2002 04:40		
Magnesium - Total	3680	E	1.1	MG/KG	CLP-M	10/04/2002 04:40		
Manganese - Total	305	E	0.06	MG/KG	CLP-M	10/04/2002 04:40		
Mercury - Total	0.043	BN	0.014	MG/KG	CLP-M	10/03/2002 20:08		
Nickel - Total	45.1	E*	0.67	MG/KG	CLP-M	10/04/2002 04:40		

Date: 11/07/2006
Time: 14:05:59

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Sample ID: RSS-HC02-SED-0
Lab Sample ID: A2950903
e Collected: 09/24/2002
Time Collected: 16:15

Date Received: 09/24/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Potassium - Total	1330	E	4.2	MG/KG	CLP-M	10/04/2002 04:40	
Selenium - Total	2.7		1.1	MG/KG	CLP-M	10/06/2002 21:26	
Silver - Total	ND		0.13	MG/KG	CLP-M	10/04/2002 04:40	
Sodium - Total	121	B	33.0	MG/KG	CLP-M	10/04/2002 04:40	
Thallium - Total	ND		0.51	MG/KG	CLP-M	10/04/2002 04:40	
Vanadium - Total	18.9	E	0.07	MG/KG	CLP-M	10/04/2002 04:40	
Zinc - Total	341	E	1.2	MG/KG	CLP-M	10/06/2002 21:26	
Wet Chemistry Analysis							
Cyanide - Total	5.0		0.50	MG/KG	CLP-WC	10/01/2002 11:35	NAP
Leachable pH	7.40		0	S.U.	9045	09/26/2002 15:54	KS

Sample ID: RSS-OF01-SED-0
 Lab Sample ID: A2950901
 Date Collected: 09/24/2002
 Time Collected: 14:30

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,1,2,2-Tetrachloroethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,1,2-Trichloroethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,1-Dichloroethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,1-Dichloroethene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,2-Dichloroethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,2-Dichloroethene (Total)	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
1,2-Dichloropropane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
2-Butanone	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
2-Hexanone	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
4-Methyl-2-pentanone	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Acetone	1	BJ	14	UG/KG	95-1	09/30/2002	15:57	DGP
Benzene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Bromodichloromethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Bromoform	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Bromomethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Carbon Disulfide	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Carbon Tetrachloride	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Chlorobenzene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Chloroethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Chloroform	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Chloromethane	2	BJ	14	UG/KG	95-1	09/30/2002	15:57	DGP
cis-1,3-Dichloropropene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Dibromochloromethane	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Ethylbenzene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Methylene chloride	10	BJ	14	UG/KG	95-1	09/30/2002	15:57	DGP
Styrene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Tetrachloroethene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Toluene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Total Xylenes	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
trans-1,3-Dichloropropene	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
Trichloroethene	4	J	14	UG/KG	95-1	09/30/2002	15:57	DGP
Vinyl chloride	ND		14	UG/KG	95-1	09/30/2002	15:57	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
1,2-Dichlorobenzene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
1,3-Dichlorobenzene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
1,4-Dichlorobenzene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,2'-Oxybis(1-Chloropropane)	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,4,5-Trichlorophenol	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
2,4,6-Trichlorophenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,4-Dichlorophenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,4-Dimethylphenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,4-Dinitrophenol	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
2,4-Dinitrotoluene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,6-Dinitrotoluene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2-Chloronaphthalene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2-Chlorophenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM

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 Sample ID: A2950901
 e Collected: 09/24/2002
 Time Collected: 14:30

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	82	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
2-Methylphenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2-Nitroaniline	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
2-Nitrophenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
3,3'-Dichlorobenzidine	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
3-Nitroaniline	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
4,6-Dinitro-2-methylphenol	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
4-Bromophenyl phenyl ether	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
4-Chloro-3-methylphenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
4-Chloroaniline	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
4-Chlorophenyl phenyl ether	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
4-Methylphenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
4-Nitroaniline	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
4-Nitrophenol	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
Acenaphthene	260	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Acenaphthylene	450	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Anthracene	1100	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Benzo(a)anthracene	4000		2300	UG/KG	95-2	10/09/2002	15:04	PM
Benzo(a)pyrene	3100		2300	UG/KG	95-2	10/09/2002	15:04	PM
Benzo(b)fluoranthene	3900		2300	UG/KG	95-2	10/09/2002	15:04	PM
Benzo(ghi)perylene	1200	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Benzo(k)fluoranthene	2100	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Bis(2-chloroethoxy) methane	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Bis(2-chloroethyl) ether	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Bis(2-ethylhexyl) phthalate	110	BJ	2300	UG/KG	95-2	10/09/2002	15:04	PM
Butyl benzyl phthalate	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Carbazole	360	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Chrysene	4100		2300	UG/KG	95-2	10/09/2002	15:04	PM
Di-n-butyl phthalate	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Di-n-octyl phthalate	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Dibenzo(a,h)anthracene	830	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Dibenzofuran	180	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Diethyl phthalate	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Dimethyl phthalate	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Fluoranthene	9700		2300	UG/KG	95-2	10/09/2002	15:04	PM
Fluorene	360	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Hexachlorobenzene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Hexachlorobutadiene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Hexachlorocyclopentadiene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Hexachloroethane	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Indeno(1,2,3-cd)pyrene	1700	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Isophorone	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
N-Nitroso-Di-n-propylamine	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
N-nitrosodiphenylamine	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
Naphthalene	190	J	2300	UG/KG	95-2	10/09/2002	15:04	PM
Nitrobenzene	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM
2,4,6-Trichlorophenol	ND		5600	UG/KG	95-2	10/09/2002	15:04	PM
Anthracene	4000		2300	UG/KG	95-2	10/09/2002	15:04	PM
Phenol	ND		2300	UG/KG	95-2	10/09/2002	15:04	PM

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Lab Sample ID: A2950901
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Date Received: 09/24/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	7000		2300	UG/KG	95-2	10/09/2002	15:04	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.6	UG/KG	95-3	10/15/2002		
4,4'-DDE	ND		4.6	UG/KG	95-3	10/15/2002		
4,4'-DDT	ND		4.6	UG/KG	95-3	10/15/2002		
Aldrin	ND		2.4	UG/KG	95-3	10/15/2002		
alpha-BHC	ND		2.4	UG/KG	95-3	10/15/2002		
alpha-Chlordane	ND		2.4	UG/KG	95-3	10/15/2002		
Aroclor 1016	ND		46	UG/KG	95-3	10/15/2002		
Aroclor 1221	ND		93	UG/KG	95-3	10/15/2002		
Aroclor 1232	ND		46	UG/KG	95-3	10/15/2002		
Aroclor 1242	30	JP	46	UG/KG	95-3	10/15/2002		
Aroclor 1248	ND		46	UG/KG	95-3	10/15/2002		
Aroclor 1254	66		46	UG/KG	95-3	10/15/2002		
Aroclor 1260	ND		46	UG/KG	95-3	10/15/2002		
beta-BHC	ND		2.4	UG/KG	95-3	10/15/2002		
delta-BHC	ND		2.4	UG/KG	95-3	10/15/2002		
Dieldrin	ND		4.6	UG/KG	95-3	10/15/2002		
Endosulfan I	ND		2.4	UG/KG	95-3	10/15/2002		
Endosulfan II	ND		4.6	UG/KG	95-3	10/15/2002		
Endosulfan Sulfate	ND		4.6	UG/KG	95-3	10/15/2002		
Endrin	ND		4.6	UG/KG	95-3	10/15/2002		
Endrin aldehyde	ND		4.6	UG/KG	95-3	10/15/2002		
Endrin ketone	ND		4.6	UG/KG	95-3	10/15/2002		
gamma-BHC (Lindane)	ND		2.4	UG/KG	95-3	10/15/2002		
gamma-Chlordane	ND		2.4	UG/KG	95-3	10/15/2002		
Heptachlor	ND		2.4	UG/KG	95-3	10/15/2002		
Heptachlor epoxide	ND		2.4	UG/KG	95-3	10/15/2002		
Methoxychlor	ND		24	UG/KG	95-3	10/15/2002		
Toxaphene	ND		240	UG/KG	95-3	10/15/2002		

Metals Analysis

Aluminum - Total	16000	E	9.0	MG/KG	CLP-M	10/06/2002	21:18
Antimony - Total	6.7	BN	1.5	MG/KG	CLP-M	10/06/2002	21:18
Arsenic - Total	42.4	E	0.32	MG/KG	CLP-M	10/04/2002	04:32
Barium - Total	515	E	0.03	MG/KG	CLP-M	10/04/2002	04:32
Beryllium - Total	0.73		0.04	MG/KG	CLP-M	10/04/2002	04:32
Cadmium - Total	3.0		0.04	MG/KG	CLP-M	10/04/2002	04:32
Calcium - Total	34400	E*	2.8	MG/KG	CLP-M	10/04/2002	04:32
Chromium - Total	75.5	EN	0.08	MG/KG	CLP-M	10/04/2002	04:32
Cobalt - Total	14.0	E	0.21	MG/KG	CLP-M	10/04/2002	04:32
Copper - Total	294	E*	0.17	MG/KG	CLP-M	10/06/2002	21:18
Iron - Total	60700	E	2.0	MG/KG	CLP-M	10/04/2002	04:32
Lead - Total	91.2	E	0.21	MG/KG	CLP-M	10/04/2002	04:32
Magnesium - Total	4380	E	1.1	MG/KG	CLP-M	10/04/2002	04:32
Manganese - Total	15600		0.56	MG/KG	CLP-M	10/22/2002	20:10
Mercury - Total	ND	N	0.012	MG/KG	CLP-M	10/03/2002	20:05
Nickel - Total	174	E*	0.65	MG/KG	CLP-M	10/04/2002	04:32

Date: 11/07/2002
Time: 14:05:59

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Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	876	E	4.1	MG/KG	CLP-M	10/04/2002	04:32	
Selenium - Total	7.6		1.1	MG/KG	CLP-M	10/06/2002	21:18	
Silver - Total	1.0	B	0.13	MG/KG	CLP-M	10/04/2002	04:32	
Sodium - Total	614	B	32.2	MG/KG	CLP-M	10/04/2002	04:32	
Thallium - Total	ND		0.50	MG/KG	CLP-M	10/04/2002	04:32	
Vanadium - Total	25.8	E	0.07	MG/KG	CLP-M	10/04/2002	04:32	
Zinc - Total	4510		3.8	MG/KG	CLP-M	10/22/2002	20:10	
Wet Chemistry Analysis								
Cyanide - Total	2.0		0.50	MG/KG	CLP-WC	10/01/2002	11:35	NAP
Leachable pH	7.46		0	S.U.	9045	09/26/2002	15:54	KS

Sample ID: RSS-SMP01-SLD-0
 Lab Sample ID: A2970901
 Date Collected: 10/01/2002
 Time Collected: 11:00

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,1,2,2-Tetrachloroethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,1,2-Trichloroethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,1-Dichloroethane	880	J	2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,1-Dichloroethene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,2-Dichloroethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,2-Dichloroethene (Total)	3700		2900	UG/KG	95-1	10/10/2002	14:58	DGP
1,2-Dichloropropane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
2-Butanone	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
2-Hexanone	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
4-Methyl-2-pentanone	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Acetone	620	J	2900	UG/KG	95-1	10/10/2002	14:58	DGP
Benzene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Bromodichloromethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Bromoform	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Bromomethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Carbon Disulfide	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Carbon Tetrachloride	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Chlorobenzene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Chloroethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Chloroform	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Chloromethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
cis-1,3-Dichloropropene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Dibromochloromethane	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Ethylbenzene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Methylene chloride	990	BJ	2900	UG/KG	95-1	10/10/2002	14:58	DGP
Styrene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Tetrachloroethene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Toluene	990	BJ	2900	UG/KG	95-1	10/10/2002	14:58	DGP
Total Xylenes	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
trans-1,3-Dichloropropene	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
Trichloroethene	1000	J	2900	UG/KG	95-1	10/10/2002	14:58	DGP
Vinyl chloride	ND		2900	UG/KG	95-1	10/10/2002	14:58	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
1,2-Dichlorobenzene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
1,3-Dichlorobenzene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
1,4-Dichlorobenzene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2,2'-Oxybis(1-Chloropropane)	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2,4,5-Trichlorophenol	ND		77000	UG/KG	95-2	10/23/2002	20:34	PM
2,4,6-Trichlorophenol	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2,4-Dichlorophenol	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2,4-Dimethylphenol	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2,4-Dinitrophenol	ND		77000	UG/KG	95-2	10/23/2002	20:34	PM
2,4-Dinitrotoluene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2,6-Dinitrotoluene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2-Chloronaphthalene	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM
2-Chlorophenol	ND		32000	UG/KG	95-2	10/23/2002	20:34	PM

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Date Received: 10/02/2002
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Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
2-Methylphenol	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
2-Nitroaniline	ND		77000	UG/KG	95-2	10/23/2002 20:34	PM
2-Nitrophenol	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
3,3'-Dichlorobenzidine	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
3-Nitroaniline	ND		77000	UG/KG	95-2	10/23/2002 20:34	PM
4,6-Dinitro-2-methylphenol	ND		77000	UG/KG	95-2	10/23/2002 20:34	PM
4-Bromophenyl phenyl ether	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
4-Chloro-3-methylphenol	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
4-Chloroaniline	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
4-Chlorophenyl phenyl ether	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
4-Methylphenol	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
4-Nitroaniline	ND		77000	UG/KG	95-2	10/23/2002 20:34	PM
4-Nitrophenol	ND		77000	UG/KG	95-2	10/23/2002 20:34	PM
Acenaphthene	8600	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Acenaphthylene	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Anthracene	10000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Benzo(a)anthracene	23000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Benzo(a)pyrene	21000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Benzo(b)fluoranthene	23000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Benzo(ghi)perylene	10000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Benzo(k)fluoranthene	21000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Bis(2-chloroethoxy) methane	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Bis(2-chloroethyl) ether	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Bis(2-ethylhexyl) phthalate	7600	BJ	32000	UG/KG	95-2	10/23/2002 20:34	PM
Butyl benzyl phthalate	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Carbazole	4800	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Chrysene	28000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Di-n-butyl phthalate	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Di-n-octyl phthalate	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Dibenzo(a,h)anthracene	4800	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Dibenzofuran	3600	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Diethyl phthalate	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Dimethyl phthalate	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Fluoranthene	59000		32000	UG/KG	95-2	10/23/2002 20:34	PM
Fluorene	7300	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Hexachlorobenzene	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Hexachlorobutadiene	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Hexachlorocyclopentadiene	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Hexachloroethane	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Indeno(1,2,3-cd)pyrene	10000	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Isophorone	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
N-Nitroso-Di-n-propylamine	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
N-nitrosodiphenylamine	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Naphthalene	2100	J	32000	UG/KG	95-2	10/23/2002 20:34	PM
Nitrobenzene	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM
Pentachlorophenol	ND		77000	UG/KG	95-2	10/23/2002 20:34	PM
Phenanthrene	41000		32000	UG/KG	95-2	10/23/2002 20:34	PM
Phenol	ND		32000	UG/KG	95-2	10/23/2002 20:34	PM

date: 11/07/2002
Time: 14:05:59

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Date Collected: 10/01/2002
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Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	45000		32000	UG/KG	95-2	10/23/2002	20:34	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		40	UG/KG	95-3	10/24/2002		
4,4'-DDE	440		40	UG/KG	95-3	10/24/2002		
4,4'-DDT	1200	P	40	UG/KG	95-3	10/24/2002		
Aldrin	ND		21	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		21	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		21	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		400	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		810	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		400	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		400	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		400	UG/KG	95-3	10/24/2002		
Aroclor 1254	8500	P	400	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		400	UG/KG	95-3	10/24/2002		
beta-BHC	ND		21	UG/KG	95-3	10/24/2002		
delta-BHC	ND		21	UG/KG	95-3	10/24/2002		
Dieldrin	260	P	40	UG/KG	95-3	10/24/2002		
Endosulfan I	46	P	21	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		40	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		40	UG/KG	95-3	10/24/2002		
Endrin	76	P	40	UG/KG	95-3	10/24/2002		
Endrin aldehyde	81	P	40	UG/KG	95-3	10/24/2002		
Endrin ketone	ND		40	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	ND		21	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		21	UG/KG	95-3	10/24/2002		
Heptachlor	ND		21	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		21	UG/KG	95-3	10/24/2002		
Methoxychlor	47	JP	210	UG/KG	95-3	10/24/2002		
Toxaphene	ND		2100	UG/KG	95-3	10/24/2002		
Metals Analysis								
Aluminum - Total	6910	E	8.1	MG/KG	CLP-M	10/06/2002	04:01	
Antimony - Total	47.8	N	1.3	MG/KG	CLP-M	10/06/2002	04:01	
Arsenic - Total	25.7		0.99	MG/KG	CLP-M	10/06/2002	04:01	
Barium - Total	806	EN	0.05	MG/KG	CLP-M	10/06/2002	04:01	
Beryllium - Total	0.64	BEN	0.05	MG/KG	CLP-M	10/06/2002	04:01	
Cadmium - Total	2.7	N	0.07	MG/KG	CLP-M	10/06/2002	04:01	
Calcium - Total	27100	E	9.8	MG/KG	CLP-M	10/06/2002	04:01	
Chromium - Total	551	E	0.15	MG/KG	CLP-M	10/06/2002	04:01	
Cobalt - Total	35.5	E	0.12	MG/KG	CLP-M	10/06/2002	04:01	
Copper - Total	1190	E	0.15	MG/KG	CLP-M	10/06/2002	04:01	
Iron - Total	273000		35.20000	MG/KG	CLP-M	10/07/2002	20:07	
Lead - Total	2770	E	0.57	MG/KG	CLP-M	10/06/2002	04:01	
Magnesium - Total	8880	E	2.7	MG/KG	CLP-M	10/06/2002	04:01	
Manganese - Total	11500	E	0.99	MG/KG	CLP-M	10/07/2002	20:07	
Mercury - Total	2.5	N	0.022	MG/KG	CLP-M	10/03/2002	20:16	
Nickel - Total	526	E*	0.25	MG/KG	CLP-M	10/06/2002	04:01	

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Sample ID: A2970901
Date Collected: 10/01/2002
Time Collected: 11:00

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Potassium - Total	978	BE	5.1	MG/KG	CLP-M	10/06/2002 04:01	
Selenium - Total	7.7	*	1.2	MG/KG	CLP-M	10/16/2002 16:33	
Silver - Total	13.3		0.12	MG/KG	CLP-M	10/06/2002 04:01	
Sodium - Total	371	B	63.9	MG/KG	CLP-M	10/06/2002 04:01	
Thallium - Total	ND	*	0.97	MG/KG	CLP-M	10/06/2002 04:01	
Vanadium - Total	30.6	E	0.17	MG/KG	CLP-M	10/06/2002 04:01	
Zinc - Total	3250	E	6.7	MG/KG	CLP-M	10/07/2002 20:07	
Wet Chemistry Analysis							
Cyanide - Total	2.9		0.50	MG/KG	CLP-WC	10/11/2002 15:20	NAP
Leachable pH	8.61		0	S.U.	9045	10/03/2002 15:20	KS

Date: 11/07/2002
Time: 14:05:59

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Sample ID: RSS-SMP01-SLD-ODL
Lab Sample ID: A2970901DL
Date Collected: 10/01/2002
Time Collected: 11:00

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection			Date/Time	
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		400	UG/KG	95-3	10/24/2002	
4,4'-DDE	550		400	UG/KG	95-3	10/24/2002	
4,4'-DDT	1500	P	400	UG/KG	95-3	10/24/2002	
Aldrin	ND		210	UG/KG	95-3	10/24/2002	
alpha-BHC	ND		210	UG/KG	95-3	10/24/2002	
alpha-Chlordane	ND		210	UG/KG	95-3	10/24/2002	
Aroclor 1016	ND		4000	UG/KG	95-3	10/24/2002	
Aroclor 1221	ND		8100	UG/KG	95-3	10/24/2002	
Aroclor 1232	ND		4000	UG/KG	95-3	10/24/2002	
Aroclor 1242	ND		4000	UG/KG	95-3	10/24/2002	
Aroclor 1248	ND		4000	UG/KG	95-3	10/24/2002	
Aroclor 1254	13000		4000	UG/KG	95-3	10/24/2002	
Aroclor 1260	ND		4000	UG/KG	95-3	10/24/2002	
beta-BHC	ND		210	UG/KG	95-3	10/24/2002	
delta-BHC	ND		210	UG/KG	95-3	10/24/2002	
Dieldrin	450	P	400	UG/KG	95-3	10/24/2002	
Endosulfan I	ND		210	UG/KG	95-3	10/24/2002	
Endosulfan II	ND		400	UG/KG	95-3	10/24/2002	
Endosulfan Sulfate	ND		400	UG/KG	95-3	10/24/2002	
Endrin	ND		400	UG/KG	95-3	10/24/2002	
Endrin aldehyde	ND		400	UG/KG	95-3	10/24/2002	
Endrin ketone	ND		400	UG/KG	95-3	10/24/2002	
gamma-BHC (Lindane)	ND		210	UG/KG	95-3	10/24/2002	
gamma-Chlordane	ND		210	UG/KG	95-3	10/24/2002	
Heptachlor	ND		210	UG/KG	95-3	10/24/2002	
Heptachlor epoxide	ND		210	UG/KG	95-3	10/24/2002	
Methoxychlor	390	JP	2100	UG/KG	95-3	10/24/2002	
Toxaphene	ND		21000	UG/KG	95-3	10/24/2002	

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 b Sample ID: A2970902
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Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,1,2,2-Tetrachloroethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,1,2-Trichloroethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,1-Dichloroethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,1-Dichloroethene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,2-Dichloroethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,2-Dichloroethene (Total)	160		28	UG/KG	95-1	10/09/2002	16:01	DGP
1,2-Dichloropropane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
2-Butanone	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
2-Hexanone	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
4-Methyl-2-pentanone	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Acetone	8	BJ	28	UG/KG	95-1	10/09/2002	16:01	DGP
Benzene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Bromodichloromethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Bromoform	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Bromomethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Carbon Disulfide	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Carbon Tetrachloride	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Chlorobenzene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Chloroethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Chloroform	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Chloromethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
cis-1,3-Dichloropropene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Dibromochloromethane	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Ethylbenzene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Methylene chloride	15	BJ	28	UG/KG	95-1	10/09/2002	16:01	DGP
Styrene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Tetrachloroethene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Toluene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Total Xylenes	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
trans-1,3-Dichloropropene	ND		28	UG/KG	95-1	10/09/2002	16:01	DGP
Trichloroethene	26	J	28	UG/KG	95-1	10/09/2002	16:01	DGP
Vinyl chloride	9	J	28	UG/KG	95-1	10/09/2002	16:01	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
1,2-Dichlorobenzene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
1,3-Dichlorobenzene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
1,4-Dichlorobenzene	160	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
2,2'-Oxybis(1-Chloropropane)	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
2,4,5-Trichlorophenol	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
2,4,6-Trichlorophenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
2,4-Dichlorophenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
2,4-Dimethylphenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
2,4-Dinitrophenol	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
2,4-Dinitrotoluene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
6-Dinitrotoluene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Chloronaphthalene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
2-Chlorophenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM

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Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	150	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
2-Methylphenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
2-Nitroaniline	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
2-Nitrophenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
3,3'-Dichlorobenzidine	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
3-Nitroaniline	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
4,6-Dinitro-2-methylphenol	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
4-Bromophenyl phenyl ether	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
4-Chloro-3-methylphenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
4-Chloroaniline	210	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
4-Chlorophenyl phenyl ether	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
4-Methylphenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
4-Nitroaniline	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
4-Nitrophenol	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
Acenaphthene	540	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Acenaphthylene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Anthracene	1700	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Benzo(a)anthracene	4800		3800	UG/KG	95-2	10/23/2002	21:09	PM
Benzo(a)pyrene	3700	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Benzo(b)fluoranthene	6900		3800	UG/KG	95-2	10/23/2002	21:09	PM
Benzo(ghi)perylene	2200	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Benzo(k)fluoranthene	2900	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Bis(2-chloroethoxy) methane	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Bis(2-chloroethyl) ether	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Bis(2-ethylhexyl) phthalate	1000	BJ	3800	UG/KG	95-2	10/23/2002	21:09	PM
Butyl benzyl phthalate	140	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Carbazole	1600	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Chrysene	7900		3800	UG/KG	95-2	10/23/2002	21:09	PM
Di-n-butyl phthalate	270	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Di-n-octyl phthalate	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Dibenzo(a,h)anthracene	1100	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Dibenzofuran	450	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Diethyl phthalate	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Dimethyl phthalate	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Fluoranthene	14000		3800	UG/KG	95-2	10/23/2002	21:09	PM
Fluorene	800	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Hexachlorobenzene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Hexachlorobutadiene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Hexachlorocyclopentadiene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Hexachloroethane	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Indeno(1,2,3-cd)pyrene	2000	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Isophorone	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
N-Nitroso-Di-n-propylamine	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
N-nitrosodiphenylamine	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Naphthalene	420	J	3800	UG/KG	95-2	10/23/2002	21:09	PM
Nitrobenzene	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM
Pentachlorophenol	ND		9400	UG/KG	95-2	10/23/2002	21:09	PM
Phenanthrene	7600		3800	UG/KG	95-2	10/23/2002	21:09	PM
Phenol	ND		3800	UG/KG	95-2	10/23/2002	21:09	PM

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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	7900		3800	UG/KG	95-2	10/23/2002	21:09	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		77	UG/KG	95-3	10/24/2002		
4,4'-DDE	ND		77	UG/KG	95-3	10/24/2002		
4,4'-DDT	100		77	UG/KG	95-3	10/24/2002		
Aldrin	ND		40	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		40	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		40	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		770	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		1600	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		770	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		770	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		770	UG/KG	95-3	10/24/2002		
Aroclor 1254	ND		770	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		770	UG/KG	95-3	10/24/2002		
beta-BHC	ND		40	UG/KG	95-3	10/24/2002		
delta-BHC	ND		40	UG/KG	95-3	10/24/2002		
Dieldrin	ND		77	UG/KG	95-3	10/24/2002		
Endosulfan I	ND		40	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		77	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		77	UG/KG	95-3	10/24/2002		
Endrin	ND		77	UG/KG	95-3	10/24/2002		
Endrin aldehyde	59	J	77	UG/KG	95-3	10/24/2002		
Endrin ketone	69	JP	77	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	ND		40	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		40	UG/KG	95-3	10/24/2002		
Heptachlor	ND		40	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		40	UG/KG	95-3	10/24/2002		
Methoxychlor	91	JP	400	UG/KG	95-3	10/24/2002		
Toxaphene	ND		4000	UG/KG	95-3	10/24/2002		

Metals Analysis

Aluminum - Total	14000	E	9.4	MG/KG	CLP-M	10/06/2002	04:06
Antimony - Total	48.7	N	1.6	MG/KG	CLP-M	10/06/2002	04:06
Arsenic - Total	44.2		1.2	MG/KG	CLP-M	10/06/2002	04:06
Barium - Total	1880	EN	0.06	MG/KG	CLP-M	10/06/2002	04:06
Beryllium - Total	1.2	BEN	0.06	MG/KG	CLP-M	10/06/2002	04:06
Cadmium - Total	44.3	N	0.09	MG/KG	CLP-M	10/06/2002	04:06
Calcium - Total	94400	E	11.3	MG/KG	CLP-M	10/06/2002	04:06
Chromium - Total	2440	E	0.17	MG/KG	CLP-M	10/06/2002	04:06
Cobalt - Total	1160	E	0.14	MG/KG	CLP-M	10/06/2002	04:06
Copper - Total	693	E	0.17	MG/KG	CLP-M	10/06/2002	04:06
Iron - Total	211000		40.90000	MG/KG	CLP-M	10/07/2002	20:11
Lead - Total	3480	E	0.66	MG/KG	CLP-M	10/06/2002	04:06
Magnesium - Total	28900	E	3.1	MG/KG	CLP-M	10/06/2002	04:06
Manganese - Total	34300	E	1.2	MG/KG	CLP-M	10/07/2002	20:11
Mercury - Total	2.0	N	0.017	MG/KG	CLP-M	10/03/2002	20:20
Nickel - Total	6290	E*	0.29	MG/KG	CLP-M	10/06/2002	04:06

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Date Collected: 10/01/2002
Time Collected: 11:20

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Potassium - Total	2170	E	5.9	MG/KG	CLP-M	10/06/2002 04:06	
Selenium - Total	17.6	*	1.4	MG/KG	CLP-M	10/16/2002 16:37	
Silver - Total	19.7		0.14	MG/KG	CLP-M	10/06/2002 04:06	
Sodium - Total	3850		74.3	MG/KG	CLP-M	10/06/2002 04:06	
Thallium - Total	ND	*	1.1	MG/KG	CLP-M	10/06/2002 04:06	
Vanadium - Total	47.2	E	0.20	MG/KG	CLP-M	10/06/2002 04:06	
Zinc - Total	87100	E	77.7	MG/KG	CLP-M	10/07/2002 20:15	
Wet Chemistry Analysis							
Cyanide - Total	7.3		0.50	MG/KG	CLP-WC	10/11/2002 15:20	NAP
Leachable pH	7.97		0	S.U.	9045	10/03/2002 15:20	KS

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Sample ID: RSS-SMP06-SED-0
 Sample ID: A2970903
 Date Collected: 10/01/2002
 Time Collected: 11:35

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,1-Dichloroethene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
2-Butanone	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
2-Hexanone	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Acetone	4	BJ	13	UG/KG	95-1	10/09/2002	16:21	DGP
Benzene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Bromoform	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Bromomethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Chlorobenzene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Chloroethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Chloroform	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Chloromethane	1	BJ	13	UG/KG	95-1	10/09/2002	16:21	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Ethylbenzene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Methylene chloride	8	BJ	13	UG/KG	95-1	10/09/2002	16:21	DGP
Styrene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Toluene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Total Xylenes	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
Trichloroethene	2	J	13	UG/KG	95-1	10/09/2002	16:21	DGP
Vinyl chloride	ND		13	UG/KG	95-1	10/09/2002	16:21	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
1,2-Dichlorobenzene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
1,3-Dichlorobenzene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
1,4-Dichlorobenzene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2,2'-Oxybis(1-Chloropropane)	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2,4,5-Trichlorophenol	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
2,4,6-Trichlorophenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2,4-Dichlorophenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2,4-Dimethylphenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2,4-Dinitrophenol	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
2,4-Dinitrotoluene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
5-Dinitrotoluene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Chloronaphthalene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2-Chlorophenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM

Date: 11/07/2002
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Sample ID: RSS-SMP06-SED-0
 Lab Sample ID: A2970903
 Date Collected: 10/01/2002
 Time Collected: 11:35

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2-Methylphenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
2-Nitroaniline	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
2-Nitrophenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
3,3'-Dichlorobenzidine	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
3-Nitroaniline	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
4,6-Dinitro-2-methylphenol	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
4-Bromophenyl phenyl ether	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
4-Chloro-3-methylphenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
4-Chloroaniline	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
4-Chlorophenyl phenyl ether	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
4-Methylphenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
4-Nitroaniline	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
4-Nitrophenol	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
Acenaphthene	2900	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Acenaphthylene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Anthracene	8800	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Benzo(a)anthracene	46000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Benzo(a)pyrene	43000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Benzo(b)fluoranthene	52000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Benzo(ghi)perylene	19000	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Benzo(k)fluoranthene	41000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Bis(2-chloroethoxy) methane	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Bis(2-chloroethyl) ether	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Bis(2-ethylhexyl) phthalate	2000	BJ	24000	UG/KG	95-2	10/23/2002	21:44	PM
Butyl benzyl phthalate	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Carbazole	6900	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Chrysene	60000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Di-n-butyl phthalate	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Di-n-octyl phthalate	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Dibenzo(a,h)anthracene	9900	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Dibenzofuran	1500	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Diethyl phthalate	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Dimethyl phthalate	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Fluoranthene	100000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Fluorene	2800	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Hexachlorobenzene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Hexachlorobutadiene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Hexachlorocyclopentadiene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Hexachloroethane	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Indeno(1,2,3-cd)pyrene	20000	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Isophorone	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
N-Nitroso-Di-n-propylamine	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
N-nitrosodiphenylamine	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Naphthalene	1600	J	24000	UG/KG	95-2	10/23/2002	21:44	PM
Nitrobenzene	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM
Pentachlorophenol	ND		59000	UG/KG	95-2	10/23/2002	21:44	PM
Phenanthrene	39000		24000	UG/KG	95-2	10/23/2002	21:44	PM
Phenol	ND		24000	UG/KG	95-2	10/23/2002	21:44	PM

Sample ID: RSS-SMP06-SED-0
 Lab Sample ID: A2970903
 Collected: 10/01/2002
 Time Collected: 11:35

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	65000		24000	UG/KG	95-2	10/23/2002	21:44	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		56	UG/KG	95-3	10/24/2002		
4,4'-DDE	ND		56	UG/KG	95-3	10/24/2002		
4,4'-DDT	42	J	56	UG/KG	95-3	10/24/2002		
Aldrin	ND		29	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		29	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		29	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		560	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		1100	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		560	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		560	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		560	UG/KG	95-3	10/24/2002		
Aroclor 1254	ND		560	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		560	UG/KG	95-3	10/24/2002		
beta-BHC	ND		29	UG/KG	95-3	10/24/2002		
delta-BHC	ND		29	UG/KG	95-3	10/24/2002		
Dieldrin	ND		56	UG/KG	95-3	10/24/2002		
Endosulfan I	ND		29	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		56	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		56	UG/KG	95-3	10/24/2002		
Endrin	ND		56	UG/KG	95-3	10/24/2002		
Endrin aldehyde	ND		56	UG/KG	95-3	10/24/2002		
Endrin ketone	100		56	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	ND		29	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		29	UG/KG	95-3	10/24/2002		
Heptachlor	ND		29	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		29	UG/KG	95-3	10/24/2002		
Methoxychlor	31	JP	290	UG/KG	95-3	10/24/2002		
Toxaphene	ND		2900	UG/KG	95-3	10/24/2002		
Metals Analysis								
Aluminum - Total	9420	E	4.2	MG/KG	CLP-M	10/06/2002	04:10	
Antimony - Total	12.7	N	0.71	MG/KG	CLP-M	10/06/2002	04:10	
Arsenic - Total	23.1		0.52	MG/KG	CLP-M	10/06/2002	04:10	
Barium - Total	1230	EN	0.03	MG/KG	CLP-M	10/06/2002	04:10	
Beryllium - Total	0.87	EN	0.03	MG/KG	CLP-M	10/06/2002	04:10	
Cadmium - Total	18.1	N	0.04	MG/KG	CLP-M	10/06/2002	04:10	
Calcium - Total	40500	E	5.1	MG/KG	CLP-M	10/06/2002	04:10	
Chromium - Total	507	E	0.08	MG/KG	CLP-M	10/06/2002	04:10	
Cobalt - Total	25.3	E	0.07	MG/KG	CLP-M	10/06/2002	04:10	
Copper - Total	541	E	0.08	MG/KG	CLP-M	10/06/2002	04:10	
Iron - Total	138000		18.60000	MG/KG	CLP-M	10/07/2002	20:19	
Lead - Total	18300	E	19.6	MG/KG	CLP-M	10/07/2002	20:24	
Magnesium - Total	12300	E	1.4	MG/KG	CLP-M	10/06/2002	04:10	
Manganese - Total	4130	E	0.52	MG/KG	CLP-M	10/07/2002	20:19	
Mercury - Total	0.303	N	0.014	MG/KG	CLP-M	10/03/2002	20:21	
Nickel - Total	252	E*	0.13	MG/KG	CLP-M	10/06/2002	04:10	

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Sample ID: RSS-SMP06-SED-0
Lab Sample ID: A2970903
Date Collected: 10/01/2002
Time Collected: 11:35

Date Received: 10/02/2002
Project No: NY2AB931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Potassium - Total	1390	E	2.7		MG/KG	CLP-M	10/06/2002 04:10	
Selenium - Total	3.5	*	0.64		MG/KG	CLP-M	10/16/2002 16:41	
Silver - Total	0.81	B	0.07		MG/KG	CLP-M	10/06/2002 04:10	
Sodium - Total	479	B	33.7		MG/KG	CLP-M	10/06/2002 04:10	
Thallium - Total	ND	*	0.51		MG/KG	CLP-M	10/06/2002 04:10	
Vanadium - Total	35.6	E	0.09		MG/KG	CLP-M	10/06/2002 04:10	
Zinc - Total	5410	E	3.5		MG/KG	CLP-M	10/07/2002 20:19	
Wet Chemistry Analysis								
Cyanide - Total	2.5		0.50		MG/KG	CLP-WC	10/11/2002 15:20	NAP
Leachable pH	8.03		0		S.U.	9045	10/03/2002 15:20	KS

Date: 11/07/2002
 Time: 14:05:59

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Sample ID: RSS-SMP07-08-SLD-0
 b Sample ID: A2970904
 Date Collected: 10/01/2002
 Time Collected: 12:00

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
1,1,2,2-Tetrachloroethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
1,1,2-Trichloroethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
1,1-Dichloroethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
1,1-Dichloroethene	12	J	20	UG/KG	95-1	10/09/2002	16:39	DGP
1,2-Dichloroethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
1,2-Dichloroethene (Total)	5800	E	20	UG/KG	95-1	10/09/2002	16:39	DGP
1,2-Dichloropropane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
2-Butanone	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
2-Hexanone	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
4-Methyl-2-pentanone	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Acetone	43	B	20	UG/KG	95-1	10/09/2002	16:39	DGP
Benzene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Bromodichloromethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Bromoform	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Bromomethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Carbon Disulfide	11	J	20	UG/KG	95-1	10/09/2002	16:39	DGP
Carbon Tetrachloride	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Chlorobenzene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Chloroethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Chloroform	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Chloromethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
cis-1,3-Dichloropropene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Dibromochloromethane	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Ethylbenzene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Methylene chloride	9	BJ	20	UG/KG	95-1	10/09/2002	16:39	DGP
Styrene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Tetrachloroethene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Toluene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Total Xylenes	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
trans-1,3-Dichloropropene	ND		20	UG/KG	95-1	10/09/2002	16:39	DGP
Trichloroethene	64		20	UG/KG	95-1	10/09/2002	16:39	DGP
Vinyl chloride	200		20	UG/KG	95-1	10/09/2002	16:39	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
1,2-Dichlorobenzene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
1,3-Dichlorobenzene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
1,4-Dichlorobenzene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2,2'-Oxybis(1-Chloropropane)	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2,4,5-Trichlorophenol	ND		14000	UG/KG	95-2	10/24/2002	09:33	PM
2,4,6-Trichlorophenol	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2,4-Dichlorophenol	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2,4-Dimethylphenol	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2,4-Dinitrophenol	ND		14000	UG/KG	95-2	10/24/2002	09:33	PM
2,4-Dinitrotoluene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
5-Dinitrotoluene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2-Chloronaphthalene	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM
2-Chlorophenol	ND		5900	UG/KG	95-2	10/24/2002	09:33	PM

Date: 11/07/2002
Time: 14:05:59

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Sample ID: RSS-SMP07-08-SLD-0
Lab Sample ID: A2970904
Date Collected: 10/01/2002
Time Collected: 12:00

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
2-Methylphenol	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
2-Nitroaniline	ND		14000	UG/KG	95-2	10/24/2002 09:33	PM
2-Nitrophenol	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
3,3'-Dichlorobenzidine	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
3-Nitroaniline	ND		14000	UG/KG	95-2	10/24/2002 09:33	PM
4,6-Dinitro-2-methylphenol	ND		14000	UG/KG	95-2	10/24/2002 09:33	PM
4-Bromophenyl phenyl ether	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
4-Chloro-3-methylphenol	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
4-Chloroaniline	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
4-Chlorophenyl phenyl ether	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
4-Methylphenol	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
4-Nitroaniline	ND		14000	UG/KG	95-2	10/24/2002 09:33	PM
4-Nitrophenol	ND		14000	UG/KG	95-2	10/24/2002 09:33	PM
Acenaphthene	250	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Acenaphthylene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Anthracene	1500	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Benzo(a)anthracene	6100		5900	UG/KG	95-2	10/24/2002 09:33	PM
Benzo(a)pyrene	5700	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Benzo(b)fluoranthene	12000		5900	UG/KG	95-2	10/24/2002 09:33	PM
Benzo(ghi)perylene	4400	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Benzo(k)fluoranthene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Bis(2-chloroethoxy) methane	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Bis(2-chloroethyl) ether	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Bis(2-ethylhexyl) phthalate	2100	BJ	5900	UG/KG	95-2	10/24/2002 09:33	PM
Butyl benzyl phthalate	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Carbazole	540	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Chrysene	7000		5900	UG/KG	95-2	10/24/2002 09:33	PM
Di-n-butyl phthalate	160	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Di-n-octyl phthalate	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Dibenzo(a,h)anthracene	2200	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Dibenzofuran	230	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Diethyl phthalate	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Dimethyl phthalate	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Fluoranthene	11000		5900	UG/KG	95-2	10/24/2002 09:33	PM
Fluorene	490	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Hexachlorobenzene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Hexachlorobutadiene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Hexachlorocyclopentadiene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Hexachloroethane	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Indeno(1,2,3-cd)pyrene	4200	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Isophorone	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
N-Nitroso-Di-n-propylamine	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
N-nitrosodiphenylamine	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Naphthalene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Nitrobenzene	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM
Pentachlorophenol	ND		14000	UG/KG	95-2	10/24/2002 09:33	PM
Phenanthrene	4600	J	5900	UG/KG	95-2	10/24/2002 09:33	PM
Phenol	ND		5900	UG/KG	95-2	10/24/2002 09:33	PM

Date: 11/07/2002
 Time: 14:05:59

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Sample ID: RSS-SMP07-08-SLD-0
 b Sample ID: A2970904
 Date Collected: 10/01/2002
 Time Collected: 12:00

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	9900		5900	UG/KG	95-2	10/24/2002	09:33	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		30	UG/KG	95-3	10/24/2002		
4,4'-DDE	35	P	30	UG/KG	95-3	10/24/2002		
4,4'-DDT	95	P	30	UG/KG	95-3	10/24/2002		
Aldrin	ND		15	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		15	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		15	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		300	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		600	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		300	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		300	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		300	UG/KG	95-3	10/24/2002		
Aroclor 1254	900		300	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		300	UG/KG	95-3	10/24/2002		
beta-BHC	ND		15	UG/KG	95-3	10/24/2002		
delta-BHC	ND		15	UG/KG	95-3	10/24/2002		
Dieldrin	22	JP	30	UG/KG	95-3	10/24/2002		
Endosulfan I	ND		15	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		30	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		30	UG/KG	95-3	10/24/2002		
Endrin	ND		30	UG/KG	95-3	10/24/2002		
Endrin aldehyde	ND		30	UG/KG	95-3	10/24/2002		
Endrin ketone	ND		30	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	ND		15	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		15	UG/KG	95-3	10/24/2002		
Heptachlor	ND		15	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		15	UG/KG	95-3	10/24/2002		
Methoxychlor	30	JP	150	UG/KG	95-3	10/24/2002		
Toxaphene	ND		1500	UG/KG	95-3	10/24/2002		
Metals Analysis								
Aluminum - Total	11000	E	6.5	MG/KG	CLP-M	10/06/2002	04:15	
Antimony - Total	7.0	BN	1.1	MG/KG	CLP-M	10/06/2002	04:15	
Arsenic - Total	23.1		0.80	MG/KG	CLP-M	10/06/2002	04:15	
Barium - Total	1470	EN	0.04	MG/KG	CLP-M	10/06/2002	04:15	
Beryllium - Total	0.94	BEN	0.04	MG/KG	CLP-M	10/06/2002	04:15	
Cadmium - Total	7.9	N	0.06	MG/KG	CLP-M	10/06/2002	04:15	
Calcium - Total	88100	E	7.9	MG/KG	CLP-M	10/06/2002	04:15	
Chromium - Total	219	E	0.12	MG/KG	CLP-M	10/06/2002	04:15	
Cobalt - Total	17.4	E	0.10	MG/KG	CLP-M	10/06/2002	04:15	
Copper - Total	318	E	0.12	MG/KG	CLP-M	10/06/2002	04:15	
Iron - Total	93400	E*	2.80000	MG/KG	CLP-M	10/16/2002	04:15	
Lead - Total	584	E	0.30	MG/KG	CLP-M	10/07/2002	20:28	
Magnesium - Total	12000	E	2.2	MG/KG	CLP-M	10/06/2002	04:15	
Manganese - Total	3510	E	0.80	MG/KG	CLP-M	10/07/2002	20:32	
Mercury - Total	0.289	N	0.021	MG/KG	CLP-M	10/03/2002	20:22	
Nickel - Total	220	E*	0.20	MG/KG	CLP-M	10/06/2002	04:15	

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Sample ID: RSS-SMP07-08-SLD-0
Lab Sample ID: A2970904
Date Collected: 10/01/2002
Time Collected: 12:00

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Potassium - Total	1820	E	4.1	MG/KG	CLP-M	10/06/2002 04:15	
Selenium - Total	3.7	*	0.98	MG/KG	CLP-M	10/16/2002 16:45	
Silver - Total	1.4	B	0.10	MG/KG	CLP-M	10/06/2002 04:15	
Sodium - Total	651	B	51.8	MG/KG	CLP-M	10/06/2002 04:15	
Thallium - Total	ND	*	0.78	MG/KG	CLP-M	10/06/2002 04:15	
Vanadium - Total	26.7	E	0.14	MG/KG	CLP-M	10/06/2002 04:15	
Zinc - Total	9380	E	5.4	MG/KG	CLP-M	10/07/2002 20:32	
Wet Chemistry Analysis							
Cyanide - Total	5.8		0.50	MG/KG	CLP-WC	10/11/2002 15:20	NAP
Leachable pH	9.14		0	S.U.	9045	10/03/2002 15:20	KS

Date: 11/01/2002
 Time: 14:05:59

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Sample ID: RSS-SMP07-08-SLD-ODL
 Lab Sample ID: A2970904DL
 Date Collected: 10/01/2002
 Time Collected: 12:00

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,1,2,2-Tetrachloroethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,1,2-Trichloroethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,1-Dichloroethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,1-Dichloroethene	490	DJ	2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,2-Dichloroethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,2-Dichloroethene (Total)	15000	D	2400	UG/KG	95-1	10/10/2002	14:19	DGP
1,2-Dichloropropane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
2-Butanone	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
2-Hexanone	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
4-Methyl-2-pentanone	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Acetone	440	DJ	2400	UG/KG	95-1	10/10/2002	14:19	DGP
Benzene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Bromodichloromethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Bromoform	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Bromomethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Carbon Disulfide	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Carbon Tetrachloride	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Chlorobenzene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Chloroethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Chloroform	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Chloromethane	390	DJ	2400	UG/KG	95-1	10/10/2002	14:19	DGP
cis-1,3-Dichloropropene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Dibromochloromethane	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Ethylbenzene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Methylene chloride	840	BDJ	2400	UG/KG	95-1	10/10/2002	14:19	DGP
Styrene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Tetrachloroethene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Toluene	550	BDJ	2400	UG/KG	95-1	10/10/2002	14:19	DGP
Total Xylenes	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
trans-1,3-Dichloropropene	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP
Trichloroethene	540	DJ	2400	UG/KG	95-1	10/10/2002	14:19	DGP
Vinyl chloride	ND		2400	UG/KG	95-1	10/10/2002	14:19	DGP

Sample ID: RSS-SMP09-SED-0
 Lab Sample ID: A2970905
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
1,2-Dichloroethane (Total)	2	J	12	UG/KG	95-1	10/09/2002	17:00	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
2-Butanone	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
2-Hexanone	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Acetone	1	BJ	12	UG/KG	95-1	10/09/2002	17:00	DGP
Benzene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Bromoform	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Bromomethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Chlorobenzene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Chloroethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Chloroform	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Chloromethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Ethylbenzene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Methylene chloride	5	BJ	12	UG/KG	95-1	10/09/2002	17:00	DGP
Styrene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Toluene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Total Xylenes	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Trichloroethene	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP
Vinyl chloride	ND		12	UG/KG	95-1	10/09/2002	17:00	DGP

TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW

1,2,4-Trichlorobenzene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
1,2-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
1,3-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
1,4-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2,2'-Oxybis(1-Chloropropane)	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
2,4,6-Trichlorophenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2,4-Dichlorophenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2,4-Dimethylphenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
2,4-Dinitrotoluene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2,6-Dinitrotoluene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2-Chloronaphthalene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2-Chlorophenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM

Sample ID: RSS-SMP09-SED-0

Sample ID: A2970905

Collected: 10/01/2002

Time Collected: 12:30

Date Received: 10/02/2002

Project No: NY2A8931

Client No: 511679

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	29	J	430	UG/KG	95-2	10/24/2002	00:04	PM
2-Methylphenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
2-Nitrophenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
3,3'-Dichlorobenzidine	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
4-Bromophenyl phenyl ether	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
4-Chloro-3-methylphenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
4-Chloroaniline	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
4-Chlorophenyl phenyl ether	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
4-Methylphenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
4-Nitrophenol	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
Acenaphthene	31	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Acenaphthylene	22	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Anthracene	79	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Benzo(a)anthracene	310	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Benzo(a)pyrene	350	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Benzo(b)fluoranthene	920		430	UG/KG	95-2	10/24/2002	00:04	PM
benzo(ghi)perylene	130	J	430	UG/KG	95-2	10/24/2002	00:04	PM
benzo(k)fluoranthene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Bis(2-chloroethoxy) methane	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Bis(2-chloroethyl) ether	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Bis(2-ethylhexyl) phthalate	230	BJ	430	UG/KG	95-2	10/24/2002	00:04	PM
Butyl benzyl phthalate	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Carbazole	70	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Chrysene	430		430	UG/KG	95-2	10/24/2002	00:04	PM
Di-n-butyl phthalate	42	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Di-n-octyl phthalate	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Dibenzo(a,h)anthracene	56	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Dibenzofuran	23	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Diethyl phthalate	13	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Dimethyl phthalate	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Fluoranthene	790		430	UG/KG	95-2	10/24/2002	00:04	PM
Fluorene	34	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Hexachlorobenzene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Hexachlorobutadiene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Hexachlorocyclopentadiene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Hexachloroethane	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Indeno(1,2,3-cd)pyrene	140	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Isophorone	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
N-Nitroso-Di-n-propylamine	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
N-nitrosodiphenylamine	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
Naphthalene	24	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Nitrobenzene	ND		430	UG/KG	95-2	10/24/2002	00:04	PM
pentachlorophenol	ND		1000	UG/KG	95-2	10/24/2002	00:04	PM
phenanthrene	410	J	430	UG/KG	95-2	10/24/2002	00:04	PM
Phenol	ND		430	UG/KG	95-2	10/24/2002	00:04	PM

date: 11/07/2002
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Sample ID: RSS-SMP09-SED-0
 Lab Sample ID: A2970905
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	820		430	UG/KG	95-2	10/24/2002 00:04	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		4.3	UG/KG	95-3	10/24/2002	
4,4'-DDE	ND		4.3	UG/KG	95-3	10/24/2002	
4,4'-DDT	5.5		4.3	UG/KG	95-3	10/24/2002	
Aldrin	ND		2.2	UG/KG	95-3	10/24/2002	
alpha-BHC	ND		2.2	UG/KG	95-3	10/24/2002	
alpha-Chlordane	ND		2.2	UG/KG	95-3	10/24/2002	
Aroclor 1016	ND		43	UG/KG	95-3	10/24/2002	
Aroclor 1221	ND		88	UG/KG	95-3	10/24/2002	
Aroclor 1232	ND		43	UG/KG	95-3	10/24/2002	
Aroclor 1242	ND		43	UG/KG	95-3	10/24/2002	
Aroclor 1248	ND		43	UG/KG	95-3	10/24/2002	
Aroclor 1254	ND		43	UG/KG	95-3	10/24/2002	
Aroclor 1260	ND		43	UG/KG	95-3	10/24/2002	
beta-BHC	ND		2.2	UG/KG	95-3	10/24/2002	
delta-BHC	ND		2.2	UG/KG	95-3	10/24/2002	
Dieldrin	ND		4.3	UG/KG	95-3	10/24/2002	
Endosulfan I	ND		2.2	UG/KG	95-3	10/24/2002	
Endosulfan II	ND		4.3	UG/KG	95-3	10/24/2002	
Endosulfan Sulfate	ND		4.3	UG/KG	95-3	10/24/2002	
Endrin	ND		4.3	UG/KG	95-3	10/24/2002	
Endrin aldehyde	ND		4.3	UG/KG	95-3	10/24/2002	
Endrin ketone	ND		4.3	UG/KG	95-3	10/24/2002	
gamma-BHC (Lindane)	ND		2.2	UG/KG	95-3	10/24/2002	
gamma-Chlordane	ND		2.2	UG/KG	95-3	10/24/2002	
Heptachlor	ND		2.2	UG/KG	95-3	10/24/2002	
Heptachlor epoxide	ND		2.2	UG/KG	95-3	10/24/2002	
Methoxychlor	3.0	JP	22	UG/KG	95-3	10/24/2002	
Toxaphene	ND		220	UG/KG	95-3	10/24/2002	

Metals Analysis

Aluminum - Total	13600	E	4.1	MG/KG	CLP-M	10/06/2002 04:19
Antimony - Total	11.5	N	0.69	MG/KG	CLP-M	10/06/2002 04:19
Arsenic - Total	18.1		0.51	MG/KG	CLP-M	10/06/2002 04:19
Barium - Total	162	EN	0.03	MG/KG	CLP-M	10/06/2002 04:19
Beryllium - Total	2.4	EN	0.03	MG/KG	CLP-M	10/06/2002 04:19
Cadmium - Total	4.9	N	0.04	MG/KG	CLP-M	10/06/2002 04:19
Calcium - Total	80800	E	25.6	MG/KG	CLP-M	10/07/2002 20:36
Chromium - Total	560	E	0.08	MG/KG	CLP-M	10/06/2002 04:19
Cobalt - Total	21.0	E	0.06	MG/KG	CLP-M	10/06/2002 04:19
Copper - Total	236	E	0.08	MG/KG	CLP-M	10/06/2002 04:19
Iron - Total	162000		18.10000	MG/KG	CLP-M	10/07/2002 20:36
Lead - Total	213	E	0.29	MG/KG	CLP-M	10/06/2002 04:19
Magnesium - Total	15100	E	1.4	MG/KG	CLP-M	10/06/2002 04:19
Manganese - Total	3210	E	0.51	MG/KG	CLP-M	10/07/2002 20:36
Mercury - Total	0.932	N	0.011	MG/KG	CLP-M	10/03/2002 20:23
Nickel - Total	405	E*	0.13	MG/KG	CLP-M	10/06/2002 04:19

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Sample ID: RSS-SMP09-SED-0
b Sample ID: A2970905
e Collected: 10/01/2002
Time Collected: 12:30

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Potassium - Total	1200	E	2.6	MG/KG	CLP-M	10/06/2002	04:19	
Selenium - Total	6.2	*	0.62	MG/KG	CLP-M	10/16/2002	16:50	
Silver - Total	0.97	B	0.06	MG/KG	CLP-M	10/06/2002	04:19	
Sodium - Total	528	B	32.8	MG/KG	CLP-M	10/06/2002	04:19	
Thallium - Total	ND	*	0.50	MG/KG	CLP-M	10/06/2002	04:19	
Vanadium - Total	21.4	E	0.09	MG/KG	CLP-M	10/06/2002	04:19	
Zinc - Total	5780	E	3.4	MG/KG	CLP-M	10/07/2002	20:36	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	10/11/2002	15:20	NAP
Leachable pH	7.70		0	S.U.	9045	10/03/2002	15:20	KS

DATE: 10/07/2002
 Time: 14:05:59

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Sample ID: RSS-SMP09-SED-MD
 Lab Sample ID: A2970905MD
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Metals Analysis								
Aluminum - Total	12278.8799		4.2142	MG/KG	CLP-M	10/06/2002	04:23	
Antimony - Total	10.8727		0.7002	MG/KG	CLP-M	10/06/2002	04:23	
Arsenic - Total	16.9372		0.5187	MG/KG	CLP-M	10/06/2002	04:23	
Barium - Total	145.6821		0.0259	MG/KG	CLP-M	10/06/2002	04:23	
Beryllium - Total	2.2562		0.0259	MG/KG	CLP-M	10/06/2002	04:23	
Cadmium - Total	4.5449		0.0389	MG/KG	CLP-M	10/06/2002	04:23	
Calcium - Total	89624.5781		26.0633	MG/KG	CLP-M	10/07/2002	20:40	
Chromium - Total	472.0306		0.0778	MG/KG	CLP-M	10/06/2002	04:23	
Cobalt - Total	21.8244		0.0648	MG/KG	CLP-M	10/06/2002	04:23	
Copper - Total	244.8678		0.0778	MG/KG	CLP-M	10/06/2002	04:23	
Iron - Total	260162.7969		18.41290	MG/KG	CLP-M	10/07/2002	20:40	
Lead - Total	184.3154		0.2982	MG/KG	CLP-M	10/06/2002	04:23	
Magnesium - Total	14255.4697		1.4134	MG/KG	CLP-M	10/06/2002	04:23	
Manganese - Total	3724.0801		0.5187	MG/KG	CLP-M	10/07/2002	20:40	
Mercury - Total	0.7917		0.0133	MG/KG	CLP-M	10/03/2002	20:25	
Nickel - Total	321.5573		0.1297	MG/KG	CLP-M	10/06/2002	04:23	
Potassium - Total	1078.1479		2.6712	MG/KG	CLP-M	10/06/2002	04:23	
Selenium - Total	1.3784		0.6354	MG/KG	CLP-M	10/16/2002	17:02	
Silver - Total	0.8286	B	0.0648	MG/KG	CLP-M	10/06/2002	04:23	
Sodium - Total	511.0931	B	33.4544	MG/KG	CLP-M	10/06/2002	04:23	
Thallium - Total	ND		0.5057	MG/KG	CLP-M	10/06/2002	04:23	
Vanadium - Total	20.1699		0.0908	MG/KG	CLP-M	10/06/2002	04:23	
Zinc - Total	5915.9238		3.5010	MG/KG	CLP-M	10/07/2002	20:40	
Wet Chemistry Analysis								
Cyanide - Total	1.6		0.50	MG/KG	CLP-WC	10/11/2002	15:20	NAP
Leachable pH	7.67		0	S.U.	9045	10/03/2002	15:20	KS

Sample ID: RSS-SMP09-SED-MS
 Sample ID: A2970905MS
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,1,2,2-Tetrachloroethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,1,2-Trichloroethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,1-Dichloroethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,1-Dichloroethene	37		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,2-Dichloroethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,2-Dichloroethene (Total)	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
1,2-Dichloropropane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
2-Butanone	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
2-Hexanone	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
4-Methyl-2-pentanone	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Acetone	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Benzene	42		13	UG/KG	95-1	10/09/2002 17:18	DGP
Bromodichloromethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Bromoform	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Bromomethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Carbon Disulfide	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Carbon Tetrachloride	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Chlorobenzene	30		13	UG/KG	95-1	10/09/2002 17:18	DGP
Chloroethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Chloroform	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Chloromethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
cis-1,3-Dichloropropene	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Dibromochloromethane	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Ethylbenzene	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Methylene chloride	6	BJ	13	UG/KG	95-1	10/09/2002 17:18	DGP
Styrene	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Tetrachloroethene	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Toluene	31	B	13	UG/KG	95-1	10/09/2002 17:18	DGP
Total Xylenes	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
trans-1,3-Dichloropropene	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
Trichloroethene	34		13	UG/KG	95-1	10/09/2002 17:18	DGP
Vinyl chloride	ND		13	UG/KG	95-1	10/09/2002 17:18	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	1300		430	UG/KG	95-2	10/24/2002 01:14	PM
1,2-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
1,3-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
1,4-Dichlorobenzene	1100		430	UG/KG	95-2	10/24/2002 01:14	PM
2,2'-Oxybis(1-Chloropropane)	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	10/24/2002 01:14	PM
2,4,6-Trichlorophenol	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
2,4-Dichlorophenol	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
2,4-Dimethylphenol	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	10/24/2002 01:14	PM
2,4-Dinitrotoluene	1800		430	UG/KG	95-2	10/24/2002 01:14	PM
6-Dinitrotoluene	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
Chloronaphthalene	ND		430	UG/KG	95-2	10/24/2002 01:14	PM
2-Chlorophenol	2300		430	UG/KG	95-2	10/24/2002 01:14	PM

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Sample ID: RSS-SMP09-SED-MS
 Lab Sample ID: A2970905MS
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	38	J	430	UG/KG	95-2	10/24/2002	01:14	PM
2-Methylphenol	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	01:14	PM
2-Nitrophenol	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
3,3'-Dichlorobenzidine	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	01:14	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	10/24/2002	01:14	PM
4-Bromophenyl phenyl ether	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
4-Chloro-3-methylphenol	2700		430	UG/KG	95-2	10/24/2002	01:14	PM
4-Chloroaniline	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
4-Chlorophenyl phenyl ether	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
4-Methylphenol	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	01:14	PM
4-Nitrophenol	3300		1000	UG/KG	95-2	10/24/2002	01:14	PM
Acenaphthene	1400		430	UG/KG	95-2	10/24/2002	01:14	PM
Acenaphthylene	29	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Anthracene	98	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Benzo(a)anthracene	360	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Benzo(a)pyrene	410	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Benzo(b)fluoranthene	1100		430	UG/KG	95-2	10/24/2002	01:14	PM
Benzo(ghi)perylene	160	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Benzo(k)fluoranthene	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Bis(2-chloroethoxy) methane	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Bis(2-chloroethyl) ether	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Bis(2-ethylhexyl) phthalate	290	BJ	430	UG/KG	95-2	10/24/2002	01:14	PM
Butyl benzyl phthalate	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Carbazole	84	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Chrysene	520		430	UG/KG	95-2	10/24/2002	01:14	PM
Di-n-butyl phthalate	110	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Di-n-octyl phthalate	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Dibenzo(a,h)anthracene	68	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Dibenzofuran	28	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Diethyl phthalate	18	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Dimethyl phthalate	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Fluoranthene	850		430	UG/KG	95-2	10/24/2002	01:14	PM
Fluorene	42	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Hexachlorobenzene	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Hexachlorobutadiene	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Hexachlorocyclopentadiene	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Hexachloroethane	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Indeno(1,2,3-cd)pyrene	170	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Isophorone	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
N-Nitroso-Di-n-propylamine	1400		430	UG/KG	95-2	10/24/2002	01:14	PM
N-nitrosodiphenylamine	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Naphthalene	27	J	430	UG/KG	95-2	10/24/2002	01:14	PM
Nitrobenzene	ND		430	UG/KG	95-2	10/24/2002	01:14	PM
Pentachlorophenol	2100		1000	UG/KG	95-2	10/24/2002	01:14	PM
Phenanthrene	510		430	UG/KG	95-2	10/24/2002	01:14	PM
Phenol	2400		430	UG/KG	95-2	10/24/2002	01:14	PM

Sample ID: RSS-SMP09-SED-MS
 Lab Sample ID: A2970905MS
 Date Collected: 10/01/2002
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Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		
			Limit	Units		Analyzed	Analyst	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	2700		430	UG/KG	95-2	10/24/2002 01:14	PM	
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.2	UG/KG	95-3	10/24/2002		
4,4'-DDE	ND		4.2	UG/KG	95-3	10/24/2002		
4,4'-DDT	24	P	4.2	UG/KG	95-3	10/24/2002		
Aldrin	8.9		2.2	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		2.2	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		2.2	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		86	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1254	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		42	UG/KG	95-3	10/24/2002		
beta-BHC	ND		2.2	UG/KG	95-3	10/24/2002		
delta-BHC	ND		2.2	UG/KG	95-3	10/24/2002		
Dieldrin	20	P	4.2	UG/KG	95-3	10/24/2002		
Endosulfan I	ND		2.2	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		4.2	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		4.2	UG/KG	95-3	10/24/2002		
Endrin	22		4.2	UG/KG	95-3	10/24/2002		
Endrin aldehyde	ND		4.2	UG/KG	95-3	10/24/2002		
Endrin ketone	ND		4.2	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	10		2.2	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		2.2	UG/KG	95-3	10/24/2002		
Heptachlor	14		2.2	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		2.2	UG/KG	95-3	10/24/2002		
Methoxychlor	2.4	JP	22	UG/KG	95-3	10/24/2002		
Toxaphene	ND		220	UG/KG	95-3	10/24/2002		

Metals Analysis

Antimony - Total	23.1163	N	0.5510	MG/KG	CLP-M	10/06/2002 04:45
Arsenic - Total	188.2419		0.4082	MG/KG	CLP-M	10/06/2002 04:45
Barium - Total	302.9765	N	0.0204	MG/KG	CLP-M	10/06/2002 04:45
Beryllium - Total	6.1531	N	0.0204	MG/KG	CLP-M	10/06/2002 04:45
Cadmium - Total	8.6173	N	0.0306	MG/KG	CLP-M	10/06/2002 04:45
Chromium - Total	359.9653		0.0612	MG/KG	CLP-M	10/06/2002 04:45
Cobalt - Total	60.2143		0.0510	MG/KG	CLP-M	10/06/2002 04:45
Copper - Total	211.9367		0.0612	MG/KG	CLP-M	10/06/2002 04:45
Lead - Total	219.7531		0.2347	MG/KG	CLP-M	10/06/2002 04:45
Manganese - Total	3156.9541		0.5293	MG/KG	CLP-M	10/07/2002 20:58
Mercury - Total	1.0003	N	0.0120	MG/KG	CLP-M	10/03/2002 20:26
Nickel - Total	321.9439		0.1020	MG/KG	CLP-M	10/06/2002 04:45
Selenium - Total	224.1048		0.6483	MG/KG	CLP-M	10/16/2002 17:16
Silver - Total	5.5418		0.0510	MG/KG	CLP-M	10/06/2002 04:45
Sodium - Total	156.0173		0.3980	MG/KG	CLP-M	10/06/2002 04:45
Vanadium - Total	61.6276		0.0714	MG/KG	CLP-M	10/06/2002 04:45

Date: 10/01/2002
Time: 14:05:59

T V G A Engineering & Surveying, P. C.
TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Sediment

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Lab Sample ID: A2970905MS
Date Collected: 10/01/2002
Time Collected: 12:30

Date Received: 10/02/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Zinc - Total	6510.6992		3.5725	MG/KG	CLP-M	10/07/2002 20:58	
Wet Chemistry Analysis							
Cyanide - Total	9.6		0.50	MG/KG	CLP-WC	10/11/2002 15:20	NAP

Sample ID: RSS-SMP09-SED-SD
 Sample ID: A2970905SD
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,1-Dichloroethene	30		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
2-Butanone	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
2-Hexanone	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Acetone	2	BJ	12	UG/KG	95-1	10/09/2002	17:39	DGP
Benzene	33		12	UG/KG	95-1	10/09/2002	17:39	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Bromoform	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Bromomethane	3	BJ	12	UG/KG	95-1	10/09/2002	17:39	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Chlorobenzene	22		12	UG/KG	95-1	10/09/2002	17:39	DGP
Chloroethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Chloroform	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Chloromethane	2	BJ	12	UG/KG	95-1	10/09/2002	17:39	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Ethylbenzene	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Methylene chloride	6	BJ	12	UG/KG	95-1	10/09/2002	17:39	DGP
Styrene	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Toluene	24	B	12	UG/KG	95-1	10/09/2002	17:39	DGP
Total Xylenes	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
Trichloroethene	26		12	UG/KG	95-1	10/09/2002	17:39	DGP
Vinyl chloride	ND		12	UG/KG	95-1	10/09/2002	17:39	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	1100		430	UG/KG	95-2	10/24/2002	01:49	PM
1,2-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
1,3-Dichlorobenzene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
1,4-Dichlorobenzene	850		430	UG/KG	95-2	10/24/2002	01:49	PM
2,2'-Oxybis(1-Chloropropane)	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	10/24/2002	01:49	PM
2,4,6-Trichlorophenol	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
2,4-Dichlorophenol	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
2,4-Dimethylphenol	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	10/24/2002	01:49	PM
2,4-Dinitrotoluene	1300		430	UG/KG	95-2	10/24/2002	01:49	PM
2,6-Dinitrotoluene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
1-Chloronaphthalene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
2-Chlorophenol	1700		430	UG/KG	95-2	10/24/2002	01:49	PM

Sample ID: RSS-SMP09-SED-SD
 Lab Sample ID: A2970905SD
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	56	J	430	UG/KG	95-2	10/24/2002	01:49	PM
2-Methylphenol	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	01:49	PM
2-Nitrophenol	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
3,3'-Dichlorobenzidine	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	01:49	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	10/24/2002	01:49	PM
4-Bromophenyl phenyl ether	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
4-Chloro-3-methylphenol	2100		430	UG/KG	95-2	10/24/2002	01:49	PM
4-Chloroaniline	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
4-Chlorophenyl phenyl ether	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
4-Methylphenol	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	10/24/2002	01:49	PM
4-Nitrophenol	2500		1000	UG/KG	95-2	10/24/2002	01:49	PM
Acenaphthene	1200		430	UG/KG	95-2	10/24/2002	01:49	PM
Acenaphthylene	32	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Anthracene	70	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Benzo(a)anthracene	720		430	UG/KG	95-2	10/24/2002	01:49	PM
Benzo(a)pyrene	390	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Benzo(b)fluoranthene	1100		430	UG/KG	95-2	10/24/2002	01:49	PM
Benzo(ghi)perylene	180	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Benzo(k)fluoranthene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Bis(2-chloroethoxy) methane	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Bis(2-chloroethyl) ether	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Bis(2-ethylhexyl) phthalate	360	BJ	430	UG/KG	95-2	10/24/2002	01:49	PM
Butyl benzyl phthalate	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Carbazole	64	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Chrysene	770		430	UG/KG	95-2	10/24/2002	01:49	PM
Di-n-butyl phthalate	100	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Di-n-octyl phthalate	180	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Dibenzo(a,h)anthracene	70	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Dibenzofuran	24	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Diethyl phthalate	17	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Dimethyl phthalate	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Fluoranthene	680		430	UG/KG	95-2	10/24/2002	01:49	PM
Fluorene	35	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Hexachlorobenzene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Hexachlorobutadiene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Hexachlorocyclopentadiene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Hexachloroethane	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Indeno(1,2,3-cd)pyrene	190	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Isophorone	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
N-Nitroso-Di-n-propylamine	1000		430	UG/KG	95-2	10/24/2002	01:49	PM
N-nitrosodiphenylamine	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Naphthalene	33	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Nitrobenzene	ND		430	UG/KG	95-2	10/24/2002	01:49	PM
Pentachlorophenol	1400		1000	UG/KG	95-2	10/24/2002	01:49	PM
Phenanthrene	370	J	430	UG/KG	95-2	10/24/2002	01:49	PM
Phenol	1800		430	UG/KG	95-2	10/24/2002	01:49	PM

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Sample ID: RSS-SMP09-SED-SD
 Lab Sample ID: A2970905SD
 Date Collected: 10/01/2002
 Time Collected: 12:30

Date Received: 10/02/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	3000		430	UG/KG	95-2	10/24/2002	01:49	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.2	UG/KG	95-3	10/24/2002		
4,4'-DDE	ND		4.2	UG/KG	95-3	10/24/2002		
4,4'-DDT	27	P	4.2	UG/KG	95-3	10/24/2002		
Aldrin	9.2	P	2.2	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		2.2	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		2.2	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		86	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1254	ND		42	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		42	UG/KG	95-3	10/24/2002		
beta-BHC	ND		2.2	UG/KG	95-3	10/24/2002		
delta-BHC	ND		2.2	UG/KG	95-3	10/24/2002		
Dieldrin	21	P	4.2	UG/KG	95-3	10/24/2002		
Endosulfan I	ND		2.2	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		4.2	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		4.2	UG/KG	95-3	10/24/2002		
Endrin	25		4.2	UG/KG	95-3	10/24/2002		
Endrin aldehyde	ND		4.2	UG/KG	95-3	10/24/2002		
Endrin ketone	ND		4.2	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	11		2.2	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		2.2	UG/KG	95-3	10/24/2002		
Heptachlor	14	P	2.2	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		2.2	UG/KG	95-3	10/24/2002		
Methoxychlor	2.5	JP	22	UG/KG	95-3	10/24/2002		
Toxaphene	ND		220	UG/KG	95-3	10/24/2002		

Sample ID: RSS-SS19-S-0
Lab Sample ID: A2917401
Date Collected: 09/16/2002
Time Collected: 17:35

Date Received: 09/16/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
1,2-Dichlorobenzene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
1,3-Dichlorobenzene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
1,4-Dichlorobenzene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2,2'-Oxybis(1-Chloropropane)	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2,4,5-Trichlorophenol	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
2,4,6-Trichlorophenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2,4-Dichlorophenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2,4-Dimethylphenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2,4-Dinitrophenol	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
2,4-Dinitrotoluene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2,6-Dinitrotoluene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2-Chloronaphthalene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2-Chlorophenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2-Methylnaphthalene	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2-Methylphenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
2-Nitroaniline	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
2-Nitrophenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
3,3'-Dichlorobenzidine	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
3-Nitroaniline	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
4,6-Dinitro-2-methylphenol	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
4-Bromophenyl phenyl ether	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
4-Chloro-3-methylphenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
4-Chloroaniline	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
4-Chlorophenyl phenyl ether	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
4-Methylphenol	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
4-Nitroaniline	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
4-Nitrophenol	ND		4900	UG/KG	95-2	10/04/2002	13:55	PM
Acenaphthene	160	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Acenaphthylene	84	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Anthracene	480	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Benzo(a)anthracene	2500	B	2000	UG/KG	95-2	10/04/2002	13:55	PM
Benzo(a)pyrene	2300	B	2000	UG/KG	95-2	10/04/2002	13:55	PM
Benzo(b)fluoranthene	2200	B	2000	UG/KG	95-2	10/04/2002	13:55	PM
Benzo(ghi)perylene	1200	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Benzo(k)fluoranthene	2100	B	2000	UG/KG	95-2	10/04/2002	13:55	PM
Bis(2-chloroethoxy) methane	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Bis(2-chloroethyl) ether	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Bis(2-ethylhexyl) phthalate	67	BJ	2000	UG/KG	95-2	10/04/2002	13:55	PM
Butyl benzyl phthalate	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Carbazole	270	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Chrysene	2600	B	2000	UG/KG	95-2	10/04/2002	13:55	PM
Di-n-butyl phthalate	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Di-n-octyl phthalate	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Dibenzo(a,h)anthracene	600	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Dibenzofuran	75	J	2000	UG/KG	95-2	10/04/2002	13:55	PM
Diethyl phthalate	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Dimethyl phthalate	ND		2000	UG/KG	95-2	10/04/2002	13:55	PM
Fluoranthene	5400	B	2000	UG/KG	95-2	10/04/2002	13:55	PM

Sample ID: RSS-SS19-S-0

Lab Sample ID: A2917401

Date Collected: 09/16/2002

Time Collected: 17:35

Date Received: 09/16/2002

Project No: NY2A8931

Client No: 511679

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	180	J	2000		UG/KG	95-2	10/04/2002 13:55	PM
Hexachlorobenzene	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Hexachlorobutadiene	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Hexachlorocyclopentadiene	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Hexachloroethane	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Indeno(1,2,3-cd)pyrene	1300	J	2000		UG/KG	95-2	10/04/2002 13:55	PM
Isophorone	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
N-Nitroso-Di-n-propylamine	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
N-nitrosodiphenylamine	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Naphthalene	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Nitrobenzene	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Pentachlorophenol	ND		4900		UG/KG	95-2	10/04/2002 13:55	PM
Phenanthrene	3000	B	2000		UG/KG	95-2	10/04/2002 13:55	PM
Phenol	ND		2000		UG/KG	95-2	10/04/2002 13:55	PM
Pyrene	3800	B	2000		UG/KG	95-2	10/04/2002 13:55	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		20		UG/KG	95-3	10/23/2002	
4,4'-DDE	ND		20		UG/KG	95-3	10/23/2002	
4,4'-DDT	ND		20		UG/KG	95-3	10/23/2002	
ldrin	ND		10		UG/KG	95-3	10/23/2002	
alpha-BHC	ND		10		UG/KG	95-3	10/23/2002	
alpha-Chlordane	ND		10		UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		200		UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		410		UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		200		UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		200		UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		200		UG/KG	95-3	10/23/2002	
Aroclor 1254	ND		200		UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		200		UG/KG	95-3	10/23/2002	
beta-BHC	ND		10		UG/KG	95-3	10/23/2002	
delta-BHC	ND		10		UG/KG	95-3	10/23/2002	
Dieldrin	ND		20		UG/KG	95-3	10/23/2002	
Endosulfan I	ND		10		UG/KG	95-3	10/23/2002	
Endosulfan II	ND		20		UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		20		UG/KG	95-3	10/23/2002	
Endrin	10	JP	20		UG/KG	95-3	10/23/2002	
Endrin aldehyde	ND		20		UG/KG	95-3	10/23/2002	
Endrin ketone	23	P	20		UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		10		UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		10		UG/KG	95-3	10/23/2002	
Heptachlor	ND		10		UG/KG	95-3	10/23/2002	
Heptachlor epoxide	ND		10		UG/KG	95-3	10/23/2002	
Methoxychlor	75	JP	100		UG/KG	95-3	10/23/2002	
Toxaphene	ND		1000		UG/KG	95-3	10/23/2002	
Metals Analysis								
Lead - Total	19700	E	4.1		MG/KG	CLP-M	09/25/2002 21:48	
Antimony - Total	5.9	B	0.27		MG/KG	CLP-M	09/25/2002 21:48	

Date: 11/07/2002
Time: 14:05:59

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Sample ID: RSS-SS19-S-0
Lab Sample ID: A2917401
Date Collected: 09/16/2002
Time Collected: 17:35

Date Received: 09/16/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Arsenic - Total	7.3		0.28	MG/KG	CLP-M	09/25/2002	21:48	
Barium - Total	214	E	0.02	MG/KG	CLP-M	09/25/2002	21:48	
Beryllium - Total	3.5	E	0.04	MG/KG	CLP-M	09/25/2002	21:48	
Cadmium - Total	1.8		0.04	MG/KG	CLP-M	09/25/2002	21:48	
Calcium - Total	131000	E	48.5	MG/KG	CLP-M	09/28/2002	07:39	
Chromium - Total	431	E	0.07	MG/KG	CLP-M	09/25/2002	21:48	
Cobalt - Total	6.0	B	0.18	MG/KG	CLP-M	09/25/2002	21:48	
Copper - Total	91.3	E	0.11	MG/KG	CLP-M	09/25/2002	21:48	
Iron - Total	34200	E	1.7	MG/KG	CLP-M	09/25/2002	21:48	
Lead - Total	112	E	0.18	MG/KG	CLP-M	09/25/2002	21:48	
Magnesium - Total	24800	E	0.94	MG/KG	CLP-M	09/25/2002	21:48	
Manganese - Total	5260	E	0.12	MG/KG	CLP-M	09/28/2002	07:39	
Mercury - Total	0.101		0.013	MG/KG	CLP-M	09/23/2002	14:09	TRB
Nickel - Total	162	E	0.58	MG/KG	CLP-M	09/25/2002	21:48	
Potassium - Total	1730		3.6	MG/KG	CLP-M	09/25/2002	21:48	
Selenium - Total	2.9		0.60	MG/KG	CLP-M	09/25/2002	21:48	
Silver - Total	0.41	B	0.11	MG/KG	CLP-M	09/25/2002	21:48	
Sodium - Total	638		28.5	MG/KG	CLP-M	09/25/2002	21:48	
Thallium - Total	ND		0.44	MG/KG	CLP-M	09/25/2002	21:48	
Vanadium - Total	28.3	E	0.06	MG/KG	CLP-M	09/25/2002	21:48	
Zinc - Total	1430	E	5.0	MG/KG	CLP-M	09/28/2002	07:39	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/26/2002	08:05	NAP
Leachable pH	8.10		0	S.U.	9045	09/19/2002	17:44	KS

Sample ID: RSS-SS19-S-0
 Sample ID: A2917401RE
 Date Collected: 09/16/2002
 Time Collected: 17:35

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
1,2-Dichlorobenzene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
1,3-Dichlorobenzene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
1,4-Dichlorobenzene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2,2'-Oxybis(1-Chloropropane)	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2,4,5-Trichlorophenol	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
2,4,6-Trichlorophenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2,4-Dichlorophenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2,4-Dimethylphenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2,4-Dinitrophenol	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
2,4-Dinitrotoluene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2,6-Dinitrotoluene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2-Chloronaphthalene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2-Chlorophenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2-Methylnaphthalene	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2-Methylphenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
2-Nitroaniline	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
2-Nitrophenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
3,3'-Dichlorobenzidine	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
3-Nitroaniline	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
3,6-Dinitro-2-methylphenol	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
4-Bromophenyl phenyl ether	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
4-Chloro-3-methylphenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
4-Chloroaniline	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
4-Chlorophenyl phenyl ether	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
4-Methylphenol	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
4-Nitroaniline	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
4-Nitrophenol	ND		4900	UG/KG	95-2	10/09/2002 13:54	PM
Acenaphthene	180	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Acenaphthylene	74	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Anthracene	550	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Benzo(a)anthracene	2600		2000	UG/KG	95-2	10/09/2002 13:54	PM
Benzo(a)pyrene	2500		2000	UG/KG	95-2	10/09/2002 13:54	PM
Benzo(b)fluoranthene	2400		2000	UG/KG	95-2	10/09/2002 13:54	PM
Benzo(ghi)perylene	1800	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Benzo(k)fluoranthene	2500		2000	UG/KG	95-2	10/09/2002 13:54	PM
Bis(2-chloroethoxy) methane	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Bis(2-chloroethyl) ether	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Bis(2-ethylhexyl) phthalate	930	BJ	2000	UG/KG	95-2	10/09/2002 13:54	PM
Butyl benzyl phthalate	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Carbazole	310	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Chrysene	3000		2000	UG/KG	95-2	10/09/2002 13:54	PM
Di-n-butyl phthalate	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Di-n-octyl phthalate	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Dibenzo(a,h)anthracene	890	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Dibenzofuran	81	J	2000	UG/KG	95-2	10/09/2002 13:54	PM
Diethyl phthalate	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Dimethyl phthalate	ND		2000	UG/KG	95-2	10/09/2002 13:54	PM
Fluoranthene	6500		2000	UG/KG	95-2	10/09/2002 13:54	PM

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Time: 14:05:59

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Sample ID: RSS-SS19-S-0
Lab Sample ID: A2917401RE
Date Collected: 09/16/2002
Time Collected: 17:35

Date Received: 09/16/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	160	J	2000	UG/KG	95-2	10/09/2002	13:54	PM
Hexachlorobenzene	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Hexachlorobutadiene	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Hexachlorocyclopentadiene	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Hexachloroethane	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Indeno(1,2,3-cd)pyrene	1900	J	2000	UG/KG	95-2	10/09/2002	13:54	PM
Isophorone	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
N-Nitroso-Di-n-propylamine	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
N-nitrosodiphenylamine	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Naphthalene	56	J	2000	UG/KG	95-2	10/09/2002	13:54	PM
Nitrobenzene	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Pentachlorophenol	ND		4900	UG/KG	95-2	10/09/2002	13:54	PM
Phenanthrene	3200		2000	UG/KG	95-2	10/09/2002	13:54	PM
Phenol	ND		2000	UG/KG	95-2	10/09/2002	13:54	PM
Pyrene	5100		2000	UG/KG	95-2	10/09/2002	13:54	PM

Date: 11/01/2002
 Time: 14:05:59

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Sample ID: RSS-SS20-S-MD
 Sample ID: A2930004MD
 Date Collected: 09/17/2002
 Time Collected: 10:35

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	10319.1797		3.9197	MG/KG	CLP-M	09/25/2002	23:34	
Antimony - Total	4.3365	B	0.2605	MG/KG	CLP-M	09/25/2002	23:34	
Arsenic - Total	16.1204		0.2724	MG/KG	CLP-M	09/25/2002	23:34	
Barium - Total	273.5044		0.0237	MG/KG	CLP-M	09/25/2002	23:34	
Beryllium - Total	1.3156		0.0355	MG/KG	CLP-M	09/25/2002	23:34	
Cadmium - Total	2.3163		0.0355	MG/KG	CLP-M	09/25/2002	23:34	
Calcium - Total	54390.0508		46.6572	MG/KG	CLP-M	09/28/2002	08:05	
Chromium - Total	255.4858		0.0711	MG/KG	CLP-M	09/25/2002	23:34	
Cobalt - Total	14.9232		0.1776	MG/KG	CLP-M	09/25/2002	23:34	
Copper - Total	157.7639		0.1066	MG/KG	CLP-M	09/25/2002	23:34	
Iron - Total	85585.7891		16.4603	MG/KG	CLP-M	09/28/2002	08:05	
Lead - Total	198.9667		0.1776	MG/KG	CLP-M	09/25/2002	23:34	
Magnesium - Total	14765.4502		0.9000	MG/KG	CLP-M	09/25/2002	23:34	
Manganese - Total	3098.0349		0.1184	MG/KG	CLP-M	09/28/2002	08:05	
Mercury - Total	0.3956		0.0118	MG/KG	CLP-M	09/23/2002	14:13	TRB
Nickel - Total	182.8048		0.5566	MG/KG	CLP-M	09/25/2002	23:34	
Potassium - Total	1131.3120		3.4934	MG/KG	CLP-M	09/25/2002	23:34	
Selenium - Total	2.7828		0.5803	MG/KG	CLP-M	09/25/2002	23:34	
Silver - Total	0.6099	B	0.1066	MG/KG	CLP-M	09/25/2002	23:34	
Sodium - Total	392.0716	B	27.4022	MG/KG	CLP-M	09/25/2002	23:34	
Thallium - Total	ND		0.4263	MG/KG	CLP-M	09/25/2002	23:34	
Vanadium - Total	28.3578		0.0592	MG/KG	CLP-M	09/25/2002	23:34	
Zinc - Total	1716.2020		4.8552	MG/KG	CLP-M	09/28/2002	08:05	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/26/2002	08:05	NAP
Leachable pH	8.15		0	S.U.	9045	09/19/2002	17:44	KS

Sample ID: RSS-SS20-S-MS
 Lab Sample ID: A2930004MS
 Date Collected: 09/17/2002
 Time Collected: 10:35

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	860	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
1,2-Dichlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
1,3-Dichlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
1,4-Dichlorobenzene	730	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
2,2'-Oxybis(1-Chloropropane)	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2,4,5-Trichlorophenol	ND		4800	UG/KG	95-2	10/11/2002	15:01	PM
2,4,6-Trichlorophenol	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2,4-Dichlorophenol	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2,4-Dimethylphenol	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2,4-Dinitrophenol	ND		4800	UG/KG	95-2	10/11/2002	15:01	PM
2,4-Dinitrotoluene	970	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
2,6-Dinitrotoluene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2-Chloronaphthalene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2-Chlorophenol	1400	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
2-Methylnaphthalene	83	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
2-Methylphenol	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
2-Nitroaniline	ND		4800	UG/KG	95-2	10/11/2002	15:01	PM
2-Nitrophenol	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
3,3'-Dichlorobenzidine	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
3-Nitroaniline	ND		4800	UG/KG	95-2	10/11/2002	15:01	PM
4,6-Dinitro-2-methylphenol	ND		4800	UG/KG	95-2	10/11/2002	15:01	PM
4-Bromophenyl phenyl ether	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
4-Chloro-3-methylphenol	1400	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
4-Chloroaniline	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
4-Chlorophenyl phenyl ether	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
4-Methylphenol	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
4-Nitroaniline	ND		4800	UG/KG	95-2	10/11/2002	15:01	PM
4-Nitrophenol	1300	J	4800	UG/KG	95-2	10/11/2002	15:01	PM
Acenaphthene	1400	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Acenaphthylene	330	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Anthracene	540	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Benzo(a)anthracene	2600		2000	UG/KG	95-2	10/11/2002	15:01	PM
Benzo(a)pyrene	3100		2000	UG/KG	95-2	10/11/2002	15:01	PM
Benzo(b)fluoranthene	3200		2000	UG/KG	95-2	10/11/2002	15:01	PM
Benzo(ghi)perylene	2000		2000	UG/KG	95-2	10/11/2002	15:01	PM
Benzo(k)fluoranthene	2500		2000	UG/KG	95-2	10/11/2002	15:01	PM
Bis(2-chloroethoxy) methane	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Bis(2-chloroethyl) ether	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Bis(2-ethylhexyl) phthalate	94	BJ	2000	UG/KG	95-2	10/11/2002	15:01	PM
Butyl benzyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Carbazole	230	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Chrysene	2900		2000	UG/KG	95-2	10/11/2002	15:01	PM
Di-n-butyl phthalate	160	BJ	2000	UG/KG	95-2	10/11/2002	15:01	PM
Di-n-octyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Dibenzo(a,h)anthracene	910	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Dibenzofuran	89	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Diethyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Dimethyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Fluoranthene	5600		2000	UG/KG	95-2	10/11/2002	15:01	PM

Sample ID: RSS-SS20-S-MS
 Lab Sample ID: A2930004MS
 Date Collected: 09/17/2002
 Time Collected: 10:35

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		
			Limit	Units		Analyzed	Analyst	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	160	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Hexachlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Hexachlorobutadiene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Hexachlorocyclopentadiene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Hexachloroethane	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Indeno(1,2,3-cd)pyrene	2000		2000	UG/KG	95-2	10/11/2002	15:01	PM
Isophorone	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
N-Nitroso-Di-n-propylamine	850	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
N-nitrosodiphenylamine	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Naphthalene	72	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Nitrobenzene	ND		2000	UG/KG	95-2	10/11/2002	15:01	PM
Pentachlorophenol	1300	J	4800	UG/KG	95-2	10/11/2002	15:01	PM
Phenanthrene	2600		2000	UG/KG	95-2	10/11/2002	15:01	PM
Phenol	1400	J	2000	UG/KG	95-2	10/11/2002	15:01	PM
Pyrene	5600		2000	UG/KG	95-2	10/11/2002	15:01	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.9	UG/KG	95-3	10/23/2002		
4,4'-DDE	3.0	JP	3.9	UG/KG	95-3	10/23/2002		
4,4'-DDT	26	P	3.9	UG/KG	95-3	10/23/2002		
aldrin	9.6		2.0	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		80	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		39	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
Dieldrin	8.7	P	3.9	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.9	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin	1.3	JP	3.9	UG/KG	95-3	10/23/2002		
Endrin aldehyde	2.2	JP	3.9	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.9	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	5.7		2.0	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor	10		2.0	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		20	UG/KG	95-3	10/23/2002		
Toxaphene	ND		200	UG/KG	95-3	10/23/2002		
Metals Analysis								
Antimony - Total	26.8296	N	0.2712	MG/KG	CLP-M	09/25/2002	23:38	
Arsenic - Total	271.9976		0.2835	MG/KG	CLP-M	09/25/2002	23:38	

Date: 11/07/2002
Time: 14:05:59

I V G A Engineering & Surveying, P. C.
TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Surface Soil/Fill

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Lab Sample ID: A2930004MS
Date Collected: 09/17/2002
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Date Received: 09/17/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Barium - Total	563.9090		0.0247	MG/KG	CLP-M	09/25/2002	23:38	
Beryllium - Total	7.0168		0.0370	MG/KG	CLP-M	09/25/2002	23:38	
Cadmium - Total	8.3011		0.0370	MG/KG	CLP-M	09/25/2002	23:38	
Chromium - Total	270.0008		0.0740	MG/KG	CLP-M	09/25/2002	23:38	
Cobalt - Total	68.5827		0.1849	MG/KG	CLP-M	09/25/2002	23:38	
Copper - Total	158.4055		0.1109	MG/KG	CLP-M	09/25/2002	23:38	
Lead - Total	244.2263		0.1849	MG/KG	CLP-M	09/25/2002	23:38	
Manganese - Total	3759.8689		0.1233	MG/KG	CLP-M	09/28/2002	08:09	
Mercury - Total	0.7420		0.0112	MG/KG	CLP-M	09/23/2002	14:14	TRB
Nickel - Total	216.3712	N	0.5793	MG/KG	CLP-M	09/25/2002	23:38	
Selenium - Total	211.7677		0.6039	MG/KG	CLP-M	09/25/2002	23:38	
Silver - Total	6.6717		0.1109	MG/KG	CLP-M	09/25/2002	23:38	
Thallium - Total	205.0073		0.4437	MG/KG	CLP-M	09/25/2002	23:38	
Vanadium - Total	92.5492		0.0616	MG/KG	CLP-M	09/25/2002	23:38	
Zinc - Total	2421.5071		5.0534	MG/KG	CLP-M	09/28/2002	08:09	
Wet Chemistry Analysis								
Cyanide - Total	12.7		0.50	MG/KG	CLP-WC	09/26/2002	08:05	NAP

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b Sample ID: A2930004SD

Project No: NY2A8931

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Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time	
						Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	750	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
1,2-Dichlorobenzene	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
1,3-Dichlorobenzene	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
1,4-Dichlorobenzene	640	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
2,2'-Oxybis(1-Chloropropane)	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2,4,5-Trichlorophenol	ND		4700	UG/KG	95-2	10/11/2002	15:36 PM
2,4,6-Trichlorophenol	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2,4-Dichlorophenol	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2,4-Dimethylphenol	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2,4-Dinitrophenol	ND		4700	UG/KG	95-2	10/11/2002	15:36 PM
2,4-Dinitrotoluene	740	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
2,6-Dinitrotoluene	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2-Chloronaphthalene	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2-Chlorophenol	1200	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
2-Methylnaphthalene	54	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
2-Methylphenol	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
2-Nitroaniline	ND		4700	UG/KG	95-2	10/11/2002	15:36 PM
2-Nitrophenol	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
3,3'-Dichlorobenzidine	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
3-Nitroaniline	ND		4700	UG/KG	95-2	10/11/2002	15:36 PM
,6-Dinitro-2-methylphenol	ND		4700	UG/KG	95-2	10/11/2002	15:36 PM
4-Bromophenyl phenyl ether	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
4-Chloro-3-methylphenol	1300	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
4-Chloroaniline	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
4-Chlorophenyl phenyl ether	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
4-Methylphenol	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
4-Nitroaniline	ND		4700	UG/KG	95-2	10/11/2002	15:36 PM
4-Nitrophenol	960	J	4700	UG/KG	95-2	10/11/2002	15:36 PM
Acenaphthene	1200	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Acenaphthylene	180	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Anthracene	300	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Benzo(a)anthracene	1500	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Benzo(a)pyrene	1800	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Benzo(b)fluoranthene	1600	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Benzo(ghi)perylene	1300	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Benzo(k)fluoranthene	2000		1900	UG/KG	95-2	10/11/2002	15:36 PM
Bis(2-chloroethoxy) methane	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
Bis(2-chloroethyl) ether	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
Bis(2-ethylhexyl) phthalate	64	BJ	1900	UG/KG	95-2	10/11/2002	15:36 PM
Butyl benzyl phthalate	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
Carbazole	140	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Chrysene	1700	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Di-n-butyl phthalate	130	BJ	1900	UG/KG	95-2	10/11/2002	15:36 PM
Di-n-octyl phthalate	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
Dibenzo(a,h)anthracene	550	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Dibenzofuran	50	J	1900	UG/KG	95-2	10/11/2002	15:36 PM
Diethyl phthalate	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
Dimethyl phthalate	ND		1900	UG/KG	95-2	10/11/2002	15:36 PM
Fluoranthene	3100		1900	UG/KG	95-2	10/11/2002	15:36 PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	70	J	1900	UG/KG	95-2	10/11/2002	15:36	PM
Hexachlorobenzene	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
Hexachlorobutadiene	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
Hexachlorocyclopentadiene	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
Hexachloroethane	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
Indeno(1,2,3-cd)pyrene	1200	J	1900	UG/KG	95-2	10/11/2002	15:36	PM
Isophorone	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
N-Nitroso-Di-n-propylamine	720	J	1900	UG/KG	95-2	10/11/2002	15:36	PM
N-nitrosodiphenylamine	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
Naphthalene	54	J	1900	UG/KG	95-2	10/11/2002	15:36	PM
Nitrobenzene	ND		1900	UG/KG	95-2	10/11/2002	15:36	PM
Pentachlorophenol	1100	J	4700	UG/KG	95-2	10/11/2002	15:36	PM
Phenanthrene	1400	J	1900	UG/KG	95-2	10/11/2002	15:36	PM
Phenol	1200	J	1900	UG/KG	95-2	10/11/2002	15:36	PM
Pyrene	3700		1900	UG/KG	95-2	10/11/2002	15:36	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.9	UG/KG	95-3	10/23/2002		
4,4'-DDE	4.8	P	3.9	UG/KG	95-3	10/23/2002		
4,4'-DDT	40	P	3.9	UG/KG	95-3	10/23/2002		
Aldrin	12		2.0	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		79	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		39	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
Dieldrin	31	P	3.9	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.9	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin	25		3.9	UG/KG	95-3	10/23/2002		
Endrin aldehyde	7.7	P	3.9	UG/KG	95-3	10/23/2002		
Endrin ketone	20		3.9	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	13		2.0	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor	13	P	2.0	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/23/2002		
Methoxychlor	9.5	JP	20	UG/KG	95-3	10/23/2002		
Toxaphene	ND		200	UG/KG	95-3	10/23/2002		

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 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
1,2-Dichlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
1,3-Dichlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
1,4-Dichlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2,2'-Oxybis(1-Chloropropane)	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2,4,5-Trichlorophenol	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
2,4,6-Trichlorophenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2,4-Dichlorophenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2,4-Dimethylphenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2,4-Dinitrophenol	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
2,4-Dinitrotoluene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2,6-Dinitrotoluene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2-Chloronaphthalene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2-Chlorophenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2-Methylnaphthalene	57	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
2-Methylphenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
2-Nitroaniline	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
2-Nitrophenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
3,3'-Dichlorobenzidine	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
3-Nitroaniline	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
4,6-Dinitro-2-methylphenol	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
4-Bromophenyl phenyl ether	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
4-Chloro-3-methylphenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
4-Chloroaniline	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
4-Chlorophenyl phenyl ether	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
4-Methylphenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
4-Nitroaniline	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
4-Nitrophenol	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
Acenaphthene	97	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Acenaphthylene	260	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Anthracene	380	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Benzo(a)anthracene	1900	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Benzo(a)pyrene	2300		2000	UG/KG	95-2	10/11/2002	14:26	PM
Benzo(b)fluoranthene	2500		2000	UG/KG	95-2	10/11/2002	14:26	PM
Benzo(ghi)perylene	1600	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Benzo(k)fluoranthene	1800	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Bis(2-chloroethoxy) methane	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Bis(2-chloroethyl) ether	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Bis(2-ethylhexyl) phthalate	77	BJ	2000	UG/KG	95-2	10/11/2002	14:26	PM
Butyl benzyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Carbazole	160	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Chrysene	2100		2000	UG/KG	95-2	10/11/2002	14:26	PM
Di-n-butyl phthalate	140	BJ	2000	UG/KG	95-2	10/11/2002	14:26	PM
Di-n-octyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Dibenzo(a,h)anthracene	720	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Dibenzofuran	62	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Diethyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Dimethyl phthalate	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Fluoranthene	4100		2000	UG/KG	95-2	10/11/2002	14:26	PM

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 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	96	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Hexachlorobenzene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Hexachlorobutadiene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Hexachlorocyclopentadiene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Hexachloroethane	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Indeno(1,2,3-cd)pyrene	1600	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Isophorone	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
N-Nitroso-Di-n-propylamine	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
N-nitrosodiphenylamine	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Naphthalene	56	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Nitrobenzene	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Pentachlorophenol	ND		4800	UG/KG	95-2	10/11/2002	14:26	PM
Phenanthrene	1900	J	2000	UG/KG	95-2	10/11/2002	14:26	PM
Phenol	ND		2000	UG/KG	95-2	10/11/2002	14:26	PM
Pyrene	3300		2000	UG/KG	95-2	10/11/2002	14:26	PM

Metals Analysis

Aluminum - Total	11900	E	4.1	MG/KG	CLP-M	09/25/2002	23:21	
Antimony - Total	4.8	BEN	0.27	MG/KG	CLP-M	09/25/2002	23:21	
Arsenic - Total	13.9	E	0.28	MG/KG	CLP-M	09/25/2002	23:21	
Barium - Total	303	E	0.02	MG/KG	CLP-M	09/25/2002	23:21	
Beryllium - Total	1.6		0.04	MG/KG	CLP-M	09/25/2002	23:21	
Cadmium - Total	2.2		0.04	MG/KG	CLP-M	09/25/2002	23:21	
Calcium - Total	65800	E*	48.6	MG/KG	CLP-M	09/28/2002	07:52	
Chromium - Total	265	E	0.07	MG/KG	CLP-M	09/25/2002	23:21	
Cobalt - Total	11.3	E	0.18	MG/KG	CLP-M	09/25/2002	23:21	
Copper - Total	121	E*	0.11	MG/KG	CLP-M	09/25/2002	23:21	
Iron - Total	91000	E	17.1	MG/KG	CLP-M	09/28/2002	07:52	
Lead - Total	168	E*	0.18	MG/KG	CLP-M	09/25/2002	23:21	
Magnesium - Total	12500	E	0.94	MG/KG	CLP-M	09/25/2002	23:21	
Manganese - Total	3540	EN	0.12	MG/KG	CLP-M	09/28/2002	07:52	
Mercury - Total	0.434		0.012	MG/KG	CLP-M	09/23/2002	14:12	TRB
Nickel - Total	134	EN*	0.58	MG/KG	CLP-M	09/25/2002	23:21	
Potassium - Total	1290	E	3.6	MG/KG	CLP-M	09/25/2002	23:21	
Selenium - Total	3.3		0.60	MG/KG	CLP-M	09/25/2002	23:21	
Silver - Total	0.53	B	0.11	MG/KG	CLP-M	09/25/2002	23:21	
Sodium - Total	345	BE	28.5	MG/KG	CLP-M	09/25/2002	23:21	
Thallium - Total	ND		0.44	MG/KG	CLP-M	09/25/2002	23:21	
Vanadium - Total	41.2	E*	0.06	MG/KG	CLP-M	09/25/2002	23:21	
Zinc - Total	1630	EN*	5.1	MG/KG	CLP-M	09/28/2002	07:52	

Wet Chemistry Analysis

Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/26/2002	08:05	NAP
Leachable pH	8.08		0	S.U.	9045	09/19/2002	17:44	KS

Sample ID: RSS-SS20-S-ORE
 Lab Sample ID: A2930004RE
 Date Collected: 09/17/2002
 Time Collected: 10:35

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS							
4,4'-DDD	ND		3.9	UG/KG	95-3	10/23/2002	
4,4'-DDE	9.7	P	3.9	UG/KG	95-3	10/23/2002	
4,4'-DDT	33	P	3.9	UG/KG	95-3	10/23/2002	
Aldrin	ND		2.0	UG/KG	95-3	10/23/2002	
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002	
alpha-Chlordane	2.4		2.0	UG/KG	95-3	10/23/2002	
Aroclor 1016	ND		39	UG/KG	95-3	10/23/2002	
Aroclor 1221	ND		78	UG/KG	95-3	10/23/2002	
Aroclor 1232	ND		39	UG/KG	95-3	10/23/2002	
Aroclor 1242	ND		39	UG/KG	95-3	10/23/2002	
Aroclor 1248	ND		39	UG/KG	95-3	10/23/2002	
Aroclor 1254	ND		39	UG/KG	95-3	10/23/2002	
Aroclor 1260	ND		39	UG/KG	95-3	10/23/2002	
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002	
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002	
Dieldrin	5.2	P	3.9	UG/KG	95-3	10/23/2002	
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002	
Endosulfan II	ND		3.9	UG/KG	95-3	10/23/2002	
Endosulfan Sulfate	ND		3.9	UG/KG	95-3	10/23/2002	
Endrin	3.7	JP	3.9	UG/KG	95-3	10/23/2002	
Endrin aldehyde	8.6	P	3.9	UG/KG	95-3	10/23/2002	
Endrin ketone	9.7	P	3.9	UG/KG	95-3	10/23/2002	
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	10/23/2002	
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002	
Heptachlor	ND		2.0	UG/KG	95-3	10/23/2002	
Heptachlor epoxide	3.2	P	2.0	UG/KG	95-3	10/23/2002	
Methoxychlor	7.4	JP	20	UG/KG	95-3	10/23/2002	
Toxaphene	ND		200	UG/KG	95-3	10/23/2002	

Sample ID: RSS-SS21-S-0-215MRD
 Lab Sample ID: A2930005
 Date Collected: 09/17/2002
 Time Collected: 12:45

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
1,2-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
1,3-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
1,4-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2,2'-Oxybis(1-Chloropropane)	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2,4,5-Trichlorophenol	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
2,4,6-Trichlorophenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2,4-Dichlorophenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2,4-Dimethylphenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2,4-Dinitrophenol	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
2,4-Dinitrotoluene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2,6-Dinitrotoluene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2-Chloronaphthalene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2-Chlorophenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2-Methylnaphthalene	88	J	380	UG/KG	95-2	10/11/2002	16:11	PM
2-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
2-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
2-Nitrophenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
3,3'-Dichlorobenzidine	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
3-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
4,6-Dinitro-2-methylphenol	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
4-Bromophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
4-Chloro-3-methylphenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
4-Chloroaniline	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
4-Chlorophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
4-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
4-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
4-Nitrophenol	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
Acenaphthene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Acenaphthylene	50	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Anthracene	48	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Benzo(a)anthracene	250	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Benzo(a)pyrene	320	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Benzo(b)fluoranthene	460		380	UG/KG	95-2	10/11/2002	16:11	PM
Benzo(ghi)perylene	180	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Benzo(k)fluoranthene	280	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Bis(2-chloroethoxy) methane	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Bis(2-chloroethyl) ether	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Bis(2-ethylhexyl) phthalate	78	BJ	380	UG/KG	95-2	10/11/2002	16:11	PM
Butyl benzyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Carbazole	37	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Chrysene	340	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Di-n-butyl phthalate	20	BJ	380	UG/KG	95-2	10/11/2002	16:11	PM
Di-n-octyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Dibenzo(a,h)anthracene	80	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Dibenzofuran	38	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Diethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Dimethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Fluoranthene	630		380	UG/KG	95-2	10/11/2002	16:11	PM

Sample ID: RSS-SS21-S-O-215MRD
 Lab Sample ID: A2930005
 Date Collected: 09/17/2002
 Time Collected: 12:45

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	15	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Hexachlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Hexachlorobutadiene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Hexachlorocyclopentadiene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Hexachloroethane	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Indeno(1,2,3-cd)pyrene	180	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Isophorone	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
N-Nitroso-Di-n-propylamine	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
N-nitrosodiphenylamine	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Naphthalene	54	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Nitrobenzene	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Pentachlorophenol	ND		920	UG/KG	95-2	10/11/2002	16:11	PM
Phenanthrene	350	J	380	UG/KG	95-2	10/11/2002	16:11	PM
Phenol	ND		380	UG/KG	95-2	10/11/2002	16:11	PM
Pyrene	450		380	UG/KG	95-2	10/11/2002	16:11	PM
Metals Analysis								
Aluminum - Total	10800	E	3.8	MG/KG	CLP-M	09/25/2002	23:42	
Antimony - Total	0.74	BEN	0.26	MG/KG	CLP-M	09/25/2002	23:42	
Arsenic - Total	12.7	E	0.27	MG/KG	CLP-M	09/25/2002	23:42	
Barium - Total	66.9	E	0.02	MG/KG	CLP-M	09/25/2002	23:42	
Beryllium - Total	0.46	B	0.03	MG/KG	CLP-M	09/25/2002	23:42	
Cadmium - Total	0.47	B	0.03	MG/KG	CLP-M	09/25/2002	23:42	
Calcium - Total	3000	E*	2.3	MG/KG	CLP-M	09/25/2002	23:42	
Chromium - Total	14.6	E	0.07	MG/KG	CLP-M	09/25/2002	23:42	
Cobalt - Total	4.3	BE	0.17	MG/KG	CLP-M	09/25/2002	23:42	
Copper - Total	24.4	E*	0.10	MG/KG	CLP-M	09/25/2002	23:42	
Iron - Total	19700	E	1.7	MG/KG	CLP-M	10/16/2002	18:32	
Lead - Total	127	E*	0.17	MG/KG	CLP-M	09/25/2002	23:42	
Magnesium - Total	1330	E	0.88	MG/KG	CLP-M	09/25/2002	23:42	
Manganese - Total	176	EN	0.05	MG/KG	CLP-M	09/25/2002	23:42	
Mercury - Total	0.123		0.010	MG/KG	CLP-M	09/23/2002	14:15	TRB
Nickel - Total	16.5	EN*	0.55	MG/KG	CLP-M	09/25/2002	23:42	
Potassium - Total	479	BE	3.4	MG/KG	CLP-M	09/25/2002	23:42	
Selenium - Total	1.4		0.57	MG/KG	CLP-M	09/25/2002	23:42	
Silver - Total	ND		0.10	MG/KG	CLP-M	09/25/2002	23:42	
Sodium - Total	111	BE	26.9	MG/KG	CLP-M	09/25/2002	23:42	
Thallium - Total	1.0	B	0.42	MG/KG	CLP-M	09/25/2002	23:42	
Vanadium - Total	22.3	E*	0.06	MG/KG	CLP-M	09/25/2002	23:42	
Zinc - Total	183	EN*	0.31	MG/KG	CLP-M	09/25/2002	23:42	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/26/2002	08:05	NAP
Leachable pH	6.19		0	S.U.	9045	09/19/2002	17:44	KS

Sample ID: RSS-SS22-S-O-449SRDD
 Lab Sample ID: A2930006
 Date Collected: 09/17/2002
 Time Collected: 12:45

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
1,2-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
1,3-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
1,4-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2,2'-Oxybis(1-Chloropropane)	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2,4,5-Trichlorophenol	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
2,4,6-Trichlorophenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2,4-Dichlorophenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2,4-Dimethylphenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2,4-Dinitrophenol	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
2,4-Dinitrotoluene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2,6-Dinitrotoluene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2-Chloronaphthalene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2-Chlorophenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2-Methylnaphthalene	24	J	380	UG/KG	95-2	10/11/2002	16:45	PM
2-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
2-Nitroaniline	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
2-Nitrophenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
3,3'-Dichlorobenzidine	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
3-Nitroaniline	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
4,6-Dinitro-2-methylphenol	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
4-Bromophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
4-Chloro-3-methylphenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
4-Chloroaniline	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
4-Chlorophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
4-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
4-Nitroaniline	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
4-Nitrophenol	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
Acenaphthene	10	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Acenaphthylene	25	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Anthracene	50	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Benzo(a)anthracene	280	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Benzo(a)pyrene	330	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Benzo(b)fluoranthene	430		380	UG/KG	95-2	10/11/2002	16:45	PM
Benzo(ghi)perylene	160	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Benzo(k)fluoranthene	260	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Bis(2-chloroethoxy) methane	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Bis(2-chloroethyl) ether	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Bis(2-ethylhexyl) phthalate	68	BJ	380	UG/KG	95-2	10/11/2002	16:45	PM
Butyl benzyl phthalate	12	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Carbazole	42	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Chrysene	380		380	UG/KG	95-2	10/11/2002	16:45	PM
Di-n-butyl phthalate	14	BJ	380	UG/KG	95-2	10/11/2002	16:45	PM
Di-n-octyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Dibenzo(a,h)anthracene	73	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Dibenzofuran	14	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Diethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Dimethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Fluoranthene	800		380	UG/KG	95-2	10/11/2002	16:45	PM

Sample ID: RSS-SS22-S-0-449SRRD
 Lab Sample ID: A2930006
 e Collected: 09/17/2002
 Time Collected: 12:45

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	21	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Hexachlorobenzene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Hexachlorobutadiene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Hexachlorocyclopentadiene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Hexachloroethane	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Indeno(1,2,3-cd)pyrene	160	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Isophorone	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
N-Nitroso-Di-n-propylamine	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
N-nitrosodiphenylamine	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Naphthalene	15	J	380	UG/KG	95-2	10/11/2002	16:45	PM
Nitrobenzene	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Pentachlorophenol	ND		910	UG/KG	95-2	10/11/2002	16:45	PM
Phenanthrene	410		380	UG/KG	95-2	10/11/2002	16:45	PM
Phenol	ND		380	UG/KG	95-2	10/11/2002	16:45	PM
Pyrene	560		380	UG/KG	95-2	10/11/2002	16:45	PM
Metals Analysis								
Aluminum - Total	9470	E	3.8	MG/KG	CLP-M	09/25/2002	23:56	
Antimony - Total	0.94	BEN	0.25	MG/KG	CLP-M	09/25/2002	23:56	
Arsenic - Total	11.2	E	0.27	MG/KG	CLP-M	09/25/2002	23:56	
Barium - Total	126	E	0.02	MG/KG	CLP-M	09/25/2002	23:56	
Beryllium - Total	0.56	B	0.03	MG/KG	CLP-M	09/25/2002	23:56	
Cadmium - Total	0.67		0.03	MG/KG	CLP-M	09/25/2002	23:56	
Calcium - Total	2690	E*	2.3	MG/KG	CLP-M	09/25/2002	23:56	
Chromium - Total	29.4	E	0.07	MG/KG	CLP-M	09/25/2002	23:56	
Cobalt - Total	9.2	E	0.17	MG/KG	CLP-M	09/25/2002	23:56	
Copper - Total	56.0	E*	0.10	MG/KG	CLP-M	09/25/2002	23:56	
Iron - Total	26300	E	1.6	MG/KG	CLP-M	10/16/2002	18:57	
Lead - Total	188	E*	0.17	MG/KG	CLP-M	09/25/2002	23:56	
Magnesium - Total	2890	E	0.88	MG/KG	CLP-M	09/25/2002	23:56	
Manganese - Total	443	EN	0.05	MG/KG	CLP-M	09/25/2002	23:56	
Mercury - Total	0.960		0.012	MG/KG	CLP-M	09/23/2002	14:16	TRB
Nickel - Total	27.3	EN*	0.54	MG/KG	CLP-M	09/25/2002	23:56	
Potassium - Total	1100	E	3.4	MG/KG	CLP-M	09/25/2002	23:56	
Selenium - Total	1.3		0.57	MG/KG	CLP-M	09/25/2002	23:56	
Silver - Total	0.14	B	0.10	MG/KG	CLP-M	09/25/2002	23:56	
Sodium - Total	88.7	BE	26.7	MG/KG	CLP-M	09/25/2002	23:56	
Thallium - Total	ND		0.42	MG/KG	CLP-M	09/25/2002	23:56	
Vanadium - Total	18.1	E*	0.06	MG/KG	CLP-M	09/25/2002	23:56	
Zinc - Total	274	EN*	0.31	MG/KG	CLP-M	09/25/2002	23:56	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/26/2002	09:00	NAP
Leachable pH	6.60		0	S.U.	9045	09/19/2002	17:44	KS

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 Time Collected: 09:40

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 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
2-Butanone	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
2-Hexanone	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Acetone	3	BJ	10	UG/L	95-1	09/24/2002	13:03	DGP
Benzene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Bromodichloromethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Bromoform	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Bromomethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Carbon Disulfide	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Chlorobenzene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Chloroethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Chloroform	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Chloromethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Dibromochloromethane	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Ethylbenzene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Methylene chloride	3	BJ	10	UG/L	95-1	09/24/2002	13:03	DGP
Styrene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Tetrachloroethene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Toluene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Total Xylenes	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Trichloroethene	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
Vinyl chloride	ND		10	UG/L	95-1	09/24/2002	13:03	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
1,2-Dichlorobenzene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
1,3-Dichlorobenzene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
1,4-Dichlorobenzene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2,4,5-Trichlorophenol	ND		23	UG/L	95-2	09/24/2002	18:10	PM
2,4,6-Trichlorophenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2,4-Dichlorophenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2,4-Dimethylphenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2,4-Dinitrophenol	ND		23	UG/L	95-2	09/24/2002	18:10	PM
2,4-Dinitrotoluene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2,6-Dinitrotoluene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2-Chloronaphthalene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2-Chlorophenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM

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Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2-Methylphenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
2-Nitroaniline	ND		23	UG/L	95-2	09/24/2002	18:10	PM
2-Nitrophenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
3,3'-Dichlorobenzidine	ND		9	UG/L	95-2	09/24/2002	18:10	PM
3-Nitroaniline	ND		23	UG/L	95-2	09/24/2002	18:10	PM
4,6-Dinitro-2-methylphenol	ND		23	UG/L	95-2	09/24/2002	18:10	PM
4-Bromophenyl phenyl ether	ND		9	UG/L	95-2	09/24/2002	18:10	PM
4-Chloro-3-methylphenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
4-Chloroaniline	ND		9	UG/L	95-2	09/24/2002	18:10	PM
4-Chlorophenyl phenyl ether	ND		9	UG/L	95-2	09/24/2002	18:10	PM
4-Methylphenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM
4-Nitroaniline	ND		23	UG/L	95-2	09/24/2002	18:10	PM
4-Nitrophenol	ND		23	UG/L	95-2	09/24/2002	18:10	PM
Acenaphthene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Acenaphthylene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Anthracene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Benzo(a)anthracene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Benzo(a)pyrene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Benzo(b)fluoranthene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Benzo(ghi)perylene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
benzo(k)fluoranthene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Bis(2-chloroethoxy) methane	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Bis(2-chloroethyl) ether	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Bis(2-ethylhexyl) phthalate	0.6	BJ	9	UG/L	95-2	09/24/2002	18:10	PM
Butyl benzyl phthalate	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Carbazole	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Chrysene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Di-n-butyl phthalate	0.5	J	9	UG/L	95-2	09/24/2002	18:10	PM
Di-n-octyl phthalate	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Dibenzo(a,h)anthracene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Dibenzofuran	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Diethyl phthalate	0.4	J	9	UG/L	95-2	09/24/2002	18:10	PM
Dimethyl phthalate	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Fluoranthene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Fluorene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Hexachlorobenzene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Hexachlorobutadiene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Hexachlorocyclopentadiene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Hexachloroethane	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Isophorone	ND		9	UG/L	95-2	09/24/2002	18:10	PM
N-Nitroso-Di-n-propylamine	ND		9	UG/L	95-2	09/24/2002	18:10	PM
N-nitrosodiphenylamine	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Naphthalene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Nitrobenzene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
Pentachlorophenol	ND		23	UG/L	95-2	09/24/2002	18:10	PM
phenanthrene	ND		9	UG/L	95-2	09/24/2002	18:10	PM
phenol	ND		9	UG/L	95-2	09/24/2002	18:10	PM

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Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		9	UG/L	95-2	09/24/2002 18:10		PM
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.096	UG/L	95-3	09/25/2002		
4,4'-DDE	ND		0.096	UG/L	95-3	09/25/2002		
4,4'-DDT	ND		0.096	UG/L	95-3	09/25/2002		
Aldrin	ND		0.048	UG/L	95-3	09/25/2002		
alpha-BHC	ND		0.048	UG/L	95-3	09/25/2002		
alpha-Chlordane	ND		0.048	UG/L	95-3	09/25/2002		
Aroclor 1016	ND		0.96	UG/L	95-3	09/25/2002		
Aroclor 1221	ND		1.9	UG/L	95-3	09/25/2002		
Aroclor 1232	ND		0.96	UG/L	95-3	09/25/2002		
Aroclor 1242	ND		0.96	UG/L	95-3	09/25/2002		
Aroclor 1248	ND		0.96	UG/L	95-3	09/25/2002		
Aroclor 1254	ND		0.96	UG/L	95-3	09/25/2002		
Aroclor 1260	ND		0.96	UG/L	95-3	09/25/2002		
beta-BHC	ND		0.048	UG/L	95-3	09/25/2002		
delta-BHC	ND		0.048	UG/L	95-3	09/25/2002		
Dieldrin	ND		0.096	UG/L	95-3	09/25/2002		
Endosulfan I	ND		0.048	UG/L	95-3	09/25/2002		
Endosulfan II	ND		0.096	UG/L	95-3	09/25/2002		
Endosulfan Sulfate	ND		0.096	UG/L	95-3	09/25/2002		
Endrin	ND		0.096	UG/L	95-3	09/25/2002		
Endrin aldehyde	ND		0.096	UG/L	95-3	09/25/2002		
Endrin ketone	ND		0.096	UG/L	95-3	09/25/2002		
gamma-BHC (Lindane)	ND		0.048	UG/L	95-3	09/25/2002		
gamma-Chlordane	ND		0.048	UG/L	95-3	09/25/2002		
Heptachlor	ND		0.048	UG/L	95-3	09/25/2002		
Heptachlor epoxide	ND		0.048	UG/L	95-3	09/25/2002		
Methoxychlor	ND		0.48	UG/L	95-3	09/25/2002		
Toxaphene	ND		4.8	UG/L	95-3	09/25/2002		
Metals Analysis								
Aluminum - Total	ND		32.5	UG/L	CLP-M	09/28/2002 02:40		
Antimony - Total	ND		5.4	UG/L	CLP-M	09/28/2002 02:40		
Arsenic - Total	ND		4.0	UG/L	CLP-M	09/28/2002 02:40		
Barium - Total	0.90	B	0.20	UG/L	CLP-M	09/28/2002 02:40		
Beryllium - Total	0.68	B	0.20	UG/L	CLP-M	09/28/2002 02:40		
Cadmium - Total	ND		0.30	UG/L	CLP-M	09/28/2002 02:40		
Calcium - Total	ND		39.4	UG/L	CLP-M	09/28/2002 02:40		
Chromium - Total	ND		0.60	UG/L	CLP-M	09/28/2002 02:40		
Cobalt - Total	ND		0.50	UG/L	CLP-M	09/28/2002 02:40		
Copper - Total	ND		0.60	UG/L	CLP-M	09/28/2002 02:40		
Iron - Total	ND		13.9	UG/L	CLP-M	09/28/2002 02:40		
Lead - Total	ND		2.3	UG/L	CLP-M	09/28/2002 02:40		
Magnesium - Total	ND		10.9	UG/L	CLP-M	09/28/2002 02:40		
Manganese - Total	ND		0.10	UG/L	CLP-M	09/28/2002 02:40		
Mercury - Total	ND		0.065	UG/L	CLP-M	09/25/2002 17:06		
Nickel - Total	ND		1.0	UG/L	CLP-M	09/28/2002 02:40		

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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analized		
Metals Analysis								
Potassium - Total	42.8	B	20.6	UG/L	CLP-M	09/28/2002	02:40	
Selenium - Total	ND		4.0	UG/L	CLP-M	09/28/2002	02:40	
Silver - Total	ND		0.50	UG/L	CLP-M	09/28/2002	02:40	
Sodium - Total	ND		258	UG/L	CLP-M	09/28/2002	02:40	
Thallium - Total	ND		3.9	UG/L	CLP-M	09/28/2002	02:40	
Vanadium - Total	ND		0.70	UG/L	CLP-M	09/28/2002	02:40	
Zinc - Total	ND		4.1	UG/L	CLP-M	09/28/2002	02:40	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	09/26/2002	08:05	NAP

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 Lab Sample ID: A2917301
 Date Collected: 09/16/2002
 Time Collected: 11:45

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,1-Dichloroethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,1-Dichloroethene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,2-Dichloroethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,2-Dichloroethene (Total)	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
1,2-Dichloropropane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
2-Butanone	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
2-Hexanone	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Acetone	4	BJ	11	UG/KG	95-1	09/19/2002	02:49	JRW
Benzene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Bromodichloromethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Bromoform	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Bromomethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Carbon Disulfide	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Carbon Tetrachloride	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Chlorobenzene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Chloroethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Chloroform	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Chloromethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Dibromochloromethane	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Ethylbenzene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Methylene chloride	6	BJ	11	UG/KG	95-1	09/19/2002	02:49	JRW
Styrene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Tetrachloroethene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Toluene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Total Xylenes	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Trichloroethene	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
Vinyl chloride	ND		11	UG/KG	95-1	09/19/2002	02:49	JRW
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
1,2-Dichlorobenzene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
1,3-Dichlorobenzene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
1,4-Dichlorobenzene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2,2'-Oxybis(1-Chloropropane)	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2,4,5-Trichlorophenol	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
2,4,6-Trichlorophenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2,4-Dichlorophenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2,4-Dimethylphenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2,4-Dinitrophenol	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
2,4-Dinitrotoluene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2,6-Dinitrotoluene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2-Chloronaphthalene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2-Chlorophenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM

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Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2-Methylphenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
2-Nitroaniline	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
2-Nitrophenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
3,3'-Dichlorobenzidine	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
3-Nitroaniline	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
4,6-Dinitro-2-methylphenol	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
4-Bromophenyl phenyl ether	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
4-Chloro-3-methylphenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
4-Chloroaniline	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
4-Chlorophenyl phenyl ether	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
4-Methylphenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
4-Nitroaniline	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
4-Nitrophenol	10	J	870	UG/KG	95-2	10/04/2002	12:45	PM
Acenaphthene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Acenaphthylene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Anthracene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Benzo(a)anthracene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Benzo(a)pyrene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Benzo(b)fluoranthene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Benzo(ghi)perylene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Benzo(k)fluoranthene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Bis(2-chloroethoxy) methane	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Bis(2-chloroethyl) ether	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Bis(2-ethylhexyl) phthalate	39	BJ	360	UG/KG	95-2	10/04/2002	12:45	PM
Butyl benzyl phthalate	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Carbazole	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Chrysene	15	BJ	360	UG/KG	95-2	10/04/2002	12:45	PM
Di-n-butyl phthalate	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Di-n-octyl phthalate	9	J	360	UG/KG	95-2	10/04/2002	12:45	PM
Dibenzo(a,h)anthracene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Dibenzofuran	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Diethyl phthalate	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Dimethyl phthalate	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Fluoranthene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Fluorene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Hexachlorobenzene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Hexachlorobutadiene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Hexachlorocyclopentadiene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Hexachloroethane	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Indeno(1,2,3-cd)pyrene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Isophorone	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
N-Nitroso-Di-n-propylamine	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
N-nitrosodiphenylamine	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Naphthalene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Nitrobenzene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Pentachlorophenol	ND		870	UG/KG	95-2	10/04/2002	12:45	PM
Phenanthrene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
Phenol	ND		360	UG/KG	95-2	10/04/2002	12:45	PM

Sample ID: RSS-TB02-D48-S-0

Date Received: 09/16/2002

Lab Sample ID: A2917301

Project No: NY2A8931

Date Collected: 09/16/2002

Client No: 511679

Time Collected: 11:45

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		360	UG/KG	95-2	10/04/2002	12:45	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.6	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.6	UG/KG	95-3	10/23/2002		
4,4'-DDT	ND		3.6	UG/KG	95-3	10/23/2002		
Aldrin	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		73	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		36	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.8	UG/KG	95-3	10/23/2002		
Dieldrin	ND		3.6	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.6	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	10/23/2002		
Endrin	ND		3.6	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.6	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.6	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor	ND		1.8	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		1.8	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		18	UG/KG	95-3	10/23/2002		
Toxaphene	ND		180	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	8360	E	3.8	MG/KG	CLP-M	09/25/2002	22:30	
Antimony - Total	0.31	BEN	0.26	MG/KG	CLP-M	09/25/2002	22:30	
Arsenic - Total	13.6	E	0.27	MG/KG	CLP-M	09/25/2002	22:30	
Barium - Total	35.7	E	0.02	MG/KG	CLP-M	09/25/2002	22:30	
Beryllium - Total	0.50	B	0.03	MG/KG	CLP-M	09/25/2002	22:30	
Cadmium - Total	0.21	B	0.03	MG/KG	CLP-M	09/25/2002	22:30	
Calcium - Total	9890	E*	2.3	MG/KG	CLP-M	09/25/2002	22:30	
Chromium - Total	13.3	E	0.07	MG/KG	CLP-M	09/25/2002	22:30	
Cobalt - Total	13.2	E	0.17	MG/KG	CLP-M	09/25/2002	22:30	
Copper - Total	42.0	E*	0.10	MG/KG	CLP-M	09/25/2002	22:30	
Iron - Total	37000	E	1.6	MG/KG	CLP-M	10/16/2002	17:49	
Lead - Total	19.0	E*	0.17	MG/KG	CLP-M	09/25/2002	22:30	
Magnesium - Total	5280	E	0.88	MG/KG	CLP-M	09/25/2002	22:30	
Manganese - Total	235	EN	0.05	MG/KG	CLP-M	09/25/2002	22:30	
Mercury - Total	0.022	B	0.010	MG/KG	CLP-M	09/23/2002	14:07	TRB
Nickel - Total	34.9	EN*	0.55	MG/KG	CLP-M	09/25/2002	22:30	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000083

Rept: AN1178

Sample ID: RSS-TB02-D48-S-0

Date Received: 09/16/2002

Lab Sample ID: A2917301

Project No: NY2A8931

Collected: 09/16/2002

Client No: 511679

Time Collected: 11:45

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Potassium - Total	1370	E	3.4	MG/KG	CLP-M	09/25/2002	22:30	
Selenium - Total	0.94		0.57	MG/KG	CLP-M	09/25/2002	22:30	
Silver - Total	ND		0.10	MG/KG	CLP-M	09/25/2002	22:30	
Sodium - Total	110	BE	26.9	MG/KG	CLP-M	09/25/2002	22:30	
Thallium - Total	1.1	B	0.42	MG/KG	CLP-M	09/25/2002	22:30	
Vanadium - Total	12.2	E*	0.06	MG/KG	CLP-M	09/25/2002	22:30	
Zinc - Total	95.8	EN*	0.31	MG/KG	CLP-M	09/25/2002	22:30	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	8.06		0	S.U.	9045	09/19/2002	17:44	KS

Sample ID: RSS-TB02-D48-S-0
 Lab Sample ID: A2917301RE
 Date Collected: 09/16/2002
 Time Collected: 11:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
1,2-Dichlorobenzene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
1,3-Dichlorobenzene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
1,4-Dichlorobenzene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2,2'-Oxybis(1-Chloropropane)	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2,4,5-Trichlorophenol	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
2,4,6-Trichlorophenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2,4-Dichlorophenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2,4-Dimethylphenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2,4-Dinitrophenol	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
2,4-Dinitrotoluene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2,6-Dinitrotoluene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2-Chloronaphthalene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2-Chlorophenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2-Methylnaphthalene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2-Methylphenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
2-Nitroaniline	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
2-Nitrophenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
3,3'-Dichlorobenzidine	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
3-Nitroaniline	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
4,6-Dinitro-2-methylphenol	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
4-Bromophenyl phenyl ether	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
4-Chloro-3-methylphenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
4-Chloroaniline	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
4-Chlorophenyl phenyl ether	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
4-Methylphenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
4-Nitroaniline	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
4-Nitrophenol	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
Acenaphthene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Acenaphthylene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Anthracene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Benzo(a)anthracene	54	J	370	UG/KG	95-2	10/08/2002	23:43	PM
Benzo(a)pyrene	15	J	370	UG/KG	95-2	10/08/2002	23:43	PM
Benzo(b)fluoranthene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Benzo(ghi)perylene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Benzo(k)fluoranthene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Bis(2-chloroethoxy) methane	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Bis(2-chloroethyl) ether	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Bis(2-ethylhexyl) phthalate	100	BJ	370	UG/KG	95-2	10/08/2002	23:43	PM
Butyl benzyl phthalate	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Carbazole	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Chrysene	57	J	370	UG/KG	95-2	10/08/2002	23:43	PM
Di-n-butyl phthalate	27	J	370	UG/KG	95-2	10/08/2002	23:43	PM
Di-n-octyl phthalate	14	J	370	UG/KG	95-2	10/08/2002	23:43	PM
Dibenzo(a,h)anthracene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Dibenzofuran	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Diethyl phthalate	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Dimethyl phthalate	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Fluoranthene	13	J	370	UG/KG	95-2	10/08/2002	23:43	PM

Sample ID: RSS-TB02-D48-S-0
 Lab Sample ID: A2917301RE
 Collected: 09/16/2002
 Time Collected: 11:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Hexachlorobenzene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Hexachlorobutadiene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Hexachlorocyclopentadiene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Hexachloroethane	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Indeno(1,2,3-cd)pyrene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Isophorone	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
N-Nitroso-Di-n-propylamine	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
N-nitrosodiphenylamine	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Naphthalene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Nitrobenzene	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Pentachlorophenol	ND		890	UG/KG	95-2	10/08/2002	23:43	PM
Phenanthrene	35	J	370	UG/KG	95-2	10/08/2002	23:43	PM
Phenol	ND		370	UG/KG	95-2	10/08/2002	23:43	PM
Pyrene	14	J	370	UG/KG	95-2	10/08/2002	23:43	PM

Sample ID: RSS-TB03-D48-S-0
 Lab Sample ID: A2917303
 Date Collected: 09/16/2002
 Time Collected: 16:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW									
1,1,1-Trichloroethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
1,1,2,2-Tetrachloroethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
1,1,2-Trichloroethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
1,1-Dichloroethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
1,1-Dichloroethene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
1,2-Dichloroethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
1,2-Dichloroethene (Total)	460	E	12		UG/KG	95-1	09/19/2002	03:07	JRW
1,2-Dichloropropane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
2-Butanone	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
2-Hexanone	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
4-Methyl-2-pentanone	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Acetone	8	J	12		UG/KG	95-1	09/19/2002	03:07	JRW
Benzene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Bromodichloromethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Bromoform	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Bromomethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Carbon Disulfide	2	J	12		UG/KG	95-1	09/19/2002	03:07	JRW
Carbon Tetrachloride	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Chlorobenzene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Chloroethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Chloroform	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Chloromethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
cis-1,3-Dichloropropene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Dibromochloromethane	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Ethylbenzene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Methylene chloride	6	BJ	12		UG/KG	95-1	09/19/2002	03:07	JRW
Styrene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Tetrachloroethene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Toluene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Total Xylenes	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
trans-1,3-Dichloropropene	ND		12		UG/KG	95-1	09/19/2002	03:07	JRW
Trichloroethene	210		12		UG/KG	95-1	09/19/2002	03:07	JRW
Vinyl chloride	28		12		UG/KG	95-1	09/19/2002	03:07	JRW
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
1,2,4-Trichlorobenzene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
1,2-Dichlorobenzene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
1,3-Dichlorobenzene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
1,4-Dichlorobenzene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2,2'-Oxybis(1-Chloropropane)	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2,4,5-Trichlorophenol	ND		1000		UG/KG	95-2	10/04/2002	13:20	PM
2,4,6-Trichlorophenol	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2,4-Dichlorophenol	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2,4-Dimethylphenol	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2,4-Dinitrophenol	ND		1000		UG/KG	95-2	10/04/2002	13:20	PM
2,4-Dinitrotoluene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2,6-Dinitrotoluene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2-Chloronaphthalene	ND		410		UG/KG	95-2	10/04/2002	13:20	PM
2-Chlorophenol	ND		410		UG/KG	95-2	10/04/2002	13:20	PM

Sample ID: RSS-TB03-D48-S-0
 Lab Sample ID: A2917303
 Date Collected: 09/16/2002
 Time Collected: 16:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
2-Methylphenol	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	10/04/2002	13:20	PM
2-Nitrophenol	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
3,3'-Dichlorobenzidine	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	10/04/2002	13:20	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	10/04/2002	13:20	PM
4-Bromophenyl phenyl ether	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
4-Chloro-3-methylphenol	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
4-Chloroaniline	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
4-Chlorophenyl phenyl ether	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
4-Methylphenol	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	10/04/2002	13:20	PM
4-Nitrophenol	ND		1000	UG/KG	95-2	10/04/2002	13:20	PM
Acenaphthene	22	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Acenaphthylene	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Anthracene	86	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Benzo(a)anthracene	230	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Benzo(a)pyrene	190	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Benzo(b)fluoranthene	230	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Benzo(ghi)perylene	120	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Benzo(k)fluoranthene	110	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Bis(2-chloroethoxy) methane	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Bis(2-chloroethyl) ether	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Bis(2-ethylhexyl) phthalate	880	B	410	UG/KG	95-2	10/04/2002	13:20	PM
Butyl benzyl phthalate	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Carbazole	39	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Chrysene	220	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Di-n-butyl phthalate	24	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Di-n-octyl phthalate	14	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Dibenzo(a,h)anthracene	51	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Dibenzofuran	23	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Diethyl phthalate	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Dimethyl phthalate	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Fluoranthene	510	B	410	UG/KG	95-2	10/04/2002	13:20	PM
Fluorene	44	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Hexachlorobenzene	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Hexachlorobutadiene	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Hexachlorocyclopentadiene	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Hexachloroethane	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Indeno(1,2,3-cd)pyrene	120	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Isophorone	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
N-Nitroso-Di-n-propylamine	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
N-nitrosodiphenylamine	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Naphthalene	12	J	410	UG/KG	95-2	10/04/2002	13:20	PM
Nitrobenzene	ND		410	UG/KG	95-2	10/04/2002	13:20	PM
Pentachlorophenol	ND		1000	UG/KG	95-2	10/04/2002	13:20	PM
Phenanthrene	400	BJ	410	UG/KG	95-2	10/04/2002	13:20	PM
Phenol	ND		410	UG/KG	95-2	10/04/2002	13:20	PM

Sample ID: RSS-TB03-D48-S-0
 Lab Sample ID: A2917303
 Date Collected: 09/16/2002
 Time Collected: 16:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	430	B	410	UG/KG	95-2	10/04/2002	13:20	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.2	UG/KG	95-3	10/23/2002		
4,4'-DDE	2.3	J	4.2	UG/KG	95-3	10/23/2002		
4,4'-DDT	8.8	P	4.2	UG/KG	95-3	10/23/2002		
Aldrin	ND		2.1	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.1	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.1	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		42	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		85	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		42	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		42	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		42	UG/KG	95-3	10/23/2002		
Aroclor 1254	51		42	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		42	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.1	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.1	UG/KG	95-3	10/23/2002		
Dieldrin	ND		4.2	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.1	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		4.2	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		4.2	UG/KG	95-3	10/23/2002		
Endrin	ND		4.2	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		4.2	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		4.2	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.1	UG/KG	95-3	10/23/2002		
Heptachlor	ND		2.1	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.1	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		21	UG/KG	95-3	10/23/2002		
Toxaphene	ND		210	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	16600	E	4.2	MG/KG	CLP-M	09/25/2002	23:05	
Antimony - Total	ND	EN	0.28	MG/KG	CLP-M	09/25/2002	23:05	
Arsenic - Total	9.3	E	0.29	MG/KG	CLP-M	09/25/2002	23:05	
Barium - Total	183	E	0.03	MG/KG	CLP-M	09/25/2002	23:05	
Beryllium - Total	0.99		0.04	MG/KG	CLP-M	09/25/2002	23:05	
Cadmium - Total	0.18	B	0.04	MG/KG	CLP-M	09/25/2002	23:05	
Calcium - Total	31100	E*	2.5	MG/KG	CLP-M	09/25/2002	23:05	
Chromium - Total	23.8	E	0.08	MG/KG	CLP-M	09/25/2002	23:05	
Cobalt - Total	13.3	E	0.19	MG/KG	CLP-M	09/25/2002	23:05	
Copper - Total	27.8	E*	0.11	MG/KG	CLP-M	09/25/2002	23:05	
Iron - Total	33600	E	1.8	MG/KG	CLP-M	10/16/2002	17:53	
Lead - Total	18.3	E*	0.19	MG/KG	CLP-M	09/25/2002	23:05	
Magnesium - Total	10300	E	0.96	MG/KG	CLP-M	09/25/2002	23:05	
Manganese - Total	487	EN	0.05	MG/KG	CLP-M	09/25/2002	23:05	
Mercury - Total	0.021	B	0.012	MG/KG	CLP-M	09/23/2002	14:08	TRB
Nickel - Total	38.9	EN*	0.59	MG/KG	CLP-M	09/25/2002	23:05	

Sample ID: RSS-TB03-D48-S-0
 Lab Sample ID: A2917303
 e Collected: 09/16/2002
 e Collected: 16:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Potassium - Total	2400	E	3.7	MG/KG	CLP-M	09/25/2002	23:05	
Selenium - Total	0.82		0.62	MG/KG	CLP-M	09/25/2002	23:05	
Silver - Total	ND		0.11	MG/KG	CLP-M	09/25/2002	23:05	
Sodium - Total	205	BE	29.2	MG/KG	CLP-M	09/25/2002	23:05	
Thallium - Total	ND		0.45	MG/KG	CLP-M	09/25/2002	23:05	
Vanadium - Total	25.4	E*	0.06	MG/KG	CLP-M	09/25/2002	23:05	
Zinc - Total	97.7	EN*	0.34	MG/KG	CLP-M	09/25/2002	23:05	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	7.81		0	S.U.	9045	09/19/2002	17:44	KS

Sample ID: RSS-TB03-D48-S-0
 Lab Sample ID: A2917303RE
 Date Collected: 09/16/2002
 Time Collected: 16:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
1,2-Dichlorobenzene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
1,3-Dichlorobenzene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
1,4-Dichlorobenzene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2,2'-Oxybis(1-Chloropropane)	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2,4,5-Trichlorophenol	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
2,4,6-Trichlorophenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2,4-Dichlorophenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2,4-Dimethylphenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2,4-Dinitrophenol	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
2,4-Dinitrotoluene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2,6-Dinitrotoluene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2-Chloronaphthalene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2-Chlorophenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2-Methylnaphthalene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2-Methylphenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
2-Nitroaniline	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
2-Nitrophenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
3,3'-Dichlorobenzidine	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
3-Nitroaniline	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
4,6-Dinitro-2-methylphenol	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
4-Bromophenyl phenyl ether	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
4-Chloro-3-methylphenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
4-Chloroaniline	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
4-Chlorophenyl phenyl ether	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
4-Methylphenol	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
4-Nitroaniline	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
4-Nitrophenol	ND		990	UG/KG	95-2	10/09/2002	00:18	PM
Acenaphthene	23	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Acenaphthylene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Anthracene	38	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Benzo(a)anthracene	63	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Benzo(a)pyrene	51	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Benzo(b)fluoranthene	100	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Benzo(ghi)perylene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Benzo(k)fluoranthene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Bis(2-chloroethoxy) methane	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Bis(2-chloroethyl) ether	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Bis(2-ethylhexyl) phthalate	1500	B	410	UG/KG	95-2	10/09/2002	00:18	PM
Butyl benzyl phthalate	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Carbazole	16	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Chrysene	68	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Di-n-butyl phthalate	21	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Di-n-octyl phthalate	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Dibenzo(a,h)anthracene	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Dibenzofuran	14	J	410	UG/KG	95-2	10/09/2002	00:18	PM
Diethyl phthalate	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Dimethyl phthalate	ND		410	UG/KG	95-2	10/09/2002	00:18	PM
Fluoranthene	140	J	410	UG/KG	95-2	10/09/2002	00:18	PM

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000091

Rept: AN1178

Sample ID: RSS-TB03-D48-S-0
Sample ID: A2917303RE
Collected: 09/16/2002
Time Collected: 16:45

Date Received: 09/16/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
Fluorene	29	J	410		UG/KG	95-2	10/09/2002	00:18	PM
Hexachlorobenzene	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Hexachlorobutadiene	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Hexachlorocyclopentadiene	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Hexachloroethane	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Indeno(1,2,3-cd)pyrene	19	J	410		UG/KG	95-2	10/09/2002	00:18	PM
Isophorone	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
N-Nitroso-Di-n-propylamine	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
N-nitrosodiphenylamine	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Naphthalene	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Nitrobenzene	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Pentachlorophenol	ND		990		UG/KG	95-2	10/09/2002	00:18	PM
Phenanthrene	100	J	410		UG/KG	95-2	10/09/2002	00:18	PM
Phenol	ND		410		UG/KG	95-2	10/09/2002	00:18	PM
Pyrene	110	J	410		UG/KG	95-2	10/09/2002	00:18	PM

Sample ID: RSS-T803-D48-S-0 DL
 Lab Sample ID: A2917303DL
 Date Collected: 09/16/2002
 Time Collected: 16:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
1,1,2,2-Tetrachloroethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
1,1,2-Trichloroethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
1,1-Dichloroethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
1,1-Dichloroethene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
1,2-Dichloroethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
1,2-Dichloroethene (Total)	270	D	44	UG/KG	95-1	09/20/2002	12:44	DGP
1,2-Dichloropropane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
2-Butanone	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
2-Hexanone	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
4-Methyl-2-pentanone	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Acetone	22	BDJ	44	UG/KG	95-1	09/20/2002	12:44	DGP
Benzene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Bromodichloromethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Bromoform	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Bromomethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Carbon Disulfide	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Carbon Tetrachloride	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Chlorobenzene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Chloroethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Chloroform	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Chloromethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
cis-1,3-Dichloropropene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Dibromochloromethane	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Ethylbenzene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Methylene chloride	47	BD	44	UG/KG	95-1	09/20/2002	12:44	DGP
Styrene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Tetrachloroethene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Toluene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Total Xylenes	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
trans-1,3-Dichloropropene	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP
Trichloroethene	150	D	44	UG/KG	95-1	09/20/2002	12:44	DGP
Vinyl chloride	ND		44	UG/KG	95-1	09/20/2002	12:44	DGP

Sample ID: RSS-TB04-D610-S-0
 Lab Sample ID: A2929801
 Collected: 09/17/2002
 Time Collected: 16:35

Date Received: 09/17/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
2-Butanone	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Acetone	9	BJ	12	UG/KG	95-1	09/20/2002	14:49	DGP
Benzene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Bromoform	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Bromomethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Chloroethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Chloroform	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Chloromethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Methylene chloride	13	B	12	UG/KG	95-1	09/20/2002	14:49	DGP
Styrene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Toluene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/20/2002	14:49	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
1,2-Dichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
1,3-Dichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
1,4-Dichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
2,2'-Oxybis(1-Chloropropane)	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
2,4,5-Trichlorophenol	ND		980	UG/KG	95-2	10/11/2002	13:35	PM
2,4,6-Trichlorophenol	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
2,4-Dichlorophenol	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
2,4-Dimethylphenol	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
2,4-Dinitrophenol	ND		980	UG/KG	95-2	10/11/2002	13:35	PM
2,4-Dinitrotoluene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
2,6-Dinitrotoluene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
Chloronaphthalene	ND		400	UG/KG	95-2	10/11/2002	13:35	PM
Chlorophenol	ND		400	UG/KG	95-2	10/11/2002	13:35	PM

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Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	21	J	400	UG/KG	95-2	10/11/2002 13:35	PM
2-Methylphenol	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
2-Nitroaniline	ND		980	UG/KG	95-2	10/11/2002 13:35	PM
2-Nitrophenol	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
3,3'-Dichlorobenzidine	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
3-Nitroaniline	ND		980	UG/KG	95-2	10/11/2002 13:35	PM
4,6-Dinitro-2-methylphenol	ND		980	UG/KG	95-2	10/11/2002 13:35	PM
4-Bromophenyl phenyl ether	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
4-Chloro-3-methylphenol	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
4-Chloroaniline	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
4-Chlorophenyl phenyl ether	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
4-Methylphenol	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
4-Nitroaniline	ND		980	UG/KG	95-2	10/11/2002 13:35	PM
4-Nitrophenol	ND		980	UG/KG	95-2	10/11/2002 13:35	PM
Acenaphthene	81	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Acenaphthylene	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Anthracene	170	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Benzo(a)anthracene	350	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Benzo(a)pyrene	320	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Benzo(b)fluoranthene	260	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Benzo(ghi)perylene	240	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Benzo(k)fluoranthene	350	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Bis(2-chloroethoxy) methane	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Bis(2-chloroethyl) ether	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Bis(2-ethylhexyl) phthalate	160	BJ	400	UG/KG	95-2	10/11/2002 13:35	PM
Butyl benzyl phthalate	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Carbazole	61	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Chrysene	350	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Di-n-butyl phthalate	48	BJ	400	UG/KG	95-2	10/11/2002 13:35	PM
Di-n-octyl phthalate	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Dibenzo(a,h)anthracene	110	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Dibenzofuran	54	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Diethyl phthalate	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Dimethyl phthalate	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Fluoranthene	800		400	UG/KG	95-2	10/11/2002 13:35	PM
Fluorene	75	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Hexachlorobenzene	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Hexachlorobutadiene	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Hexachlorocyclopentadiene	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Hexachloroethane	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Indeno(1,2,3-cd)pyrene	230	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Isophorone	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
N-Nitroso-Di-n-propylamine	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
N-nitrosodiphenylamine	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Naphthalene	36	J	400	UG/KG	95-2	10/11/2002 13:35	PM
Nitrobenzene	ND		400	UG/KG	95-2	10/11/2002 13:35	PM
Pentachlorophenol	ND		980	UG/KG	95-2	10/11/2002 13:35	PM
Phenanthrene	640		400	UG/KG	95-2	10/11/2002 13:35	PM
Phenol	ND		400	UG/KG	95-2	10/11/2002 13:35	PM

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			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	650		400	UG/KG	95-2	10/11/2002 13:35		PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.1	UG/KG	95-3	10/22/2002		
4,4'-DDE	ND		4.1	UG/KG	95-3	10/22/2002		
4,4'-DDT	ND		4.1	UG/KG	95-3	10/22/2002		
Aldrin	ND		2.1	UG/KG	95-3	10/22/2002		
alpha-BHC	ND		2.1	UG/KG	95-3	10/22/2002		
alpha-Chlordane	ND		2.1	UG/KG	95-3	10/22/2002		
Aroclor 1016	ND		41	UG/KG	95-3	10/22/2002		
Aroclor 1221	ND		84	UG/KG	95-3	10/22/2002		
Aroclor 1232	ND		41	UG/KG	95-3	10/22/2002		
Aroclor 1242	ND		41	UG/KG	95-3	10/22/2002		
Aroclor 1248	ND		41	UG/KG	95-3	10/22/2002		
Aroclor 1254	ND		41	UG/KG	95-3	10/22/2002		
Aroclor 1260	ND		41	UG/KG	95-3	10/22/2002		
beta-BHC	ND		2.1	UG/KG	95-3	10/22/2002		
delta-BHC	ND		2.1	UG/KG	95-3	10/22/2002		
Dieldrin	ND		4.1	UG/KG	95-3	10/22/2002		
Endosulfan I	ND		2.1	UG/KG	95-3	10/22/2002		
Endosulfan II	ND		4.1	UG/KG	95-3	10/22/2002		
Endosulfan Sulfate	ND		4.1	UG/KG	95-3	10/22/2002		
Endrin	ND		4.1	UG/KG	95-3	10/22/2002		
Endrin aldehyde	ND		4.1	UG/KG	95-3	10/22/2002		
Endrin ketone	ND		4.1	UG/KG	95-3	10/22/2002		
gamma-BHC (Lindane)	ND		2.1	UG/KG	95-3	10/22/2002		
gamma-Chlordane	ND		2.1	UG/KG	95-3	10/22/2002		
Heptachlor	ND		2.1	UG/KG	95-3	10/22/2002		
Heptachlor epoxide	ND		2.1	UG/KG	95-3	10/22/2002		
Methoxychlor	ND		21	UG/KG	95-3	10/22/2002		
Toxaphene	ND		210	UG/KG	95-3	10/22/2002		
Metals Analysis								
Aluminum - Total	8850	E	4.3	MG/KG	CLP-M	09/25/2002 23:09		
Antimony - Total	0.80	BEN	0.28	MG/KG	CLP-M	09/25/2002 23:09		
Arsenic - Total	18.6	E	0.30	MG/KG	CLP-M	09/25/2002 23:09		
Barium - Total	51.4	E	0.03	MG/KG	CLP-M	09/25/2002 23:09		
Beryllium - Total	0.54	B	0.04	MG/KG	CLP-M	09/25/2002 23:09		
Cadmium - Total	0.18	B	0.04	MG/KG	CLP-M	09/25/2002 23:09		
Calcium - Total	17000	E*	2.6	MG/KG	CLP-M	09/25/2002 23:09		
Chromium - Total	13.6	E	0.08	MG/KG	CLP-M	09/25/2002 23:09		
Cobalt - Total	12.4	E	0.19	MG/KG	CLP-M	09/25/2002 23:09		
Copper - Total	63.1	E*	0.12	MG/KG	CLP-M	09/25/2002 23:09		
Iron - Total	42300	E	1.8	MG/KG	CLP-M	10/16/2002 18:07		
Lead - Total	33.3	E*	0.19	MG/KG	CLP-M	09/25/2002 23:09		
Magnesium - Total	6880	E	0.98	MG/KG	CLP-M	09/25/2002 23:09		
Manganese - Total	369	EN	0.05	MG/KG	CLP-M	09/25/2002 23:09		
Mercury - Total	0.019	B	0.012	MG/KG	CLP-M	09/23/2002 14:11		TRB
Nickel - Total	39.2	EN*	0.60	MG/KG	CLP-M	09/25/2002 23:09		

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

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Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Potassium - Total	1550	E	3.8	MG/KG	CLP-M	09/25/2002	23:09	
Selenium - Total	0.88		0.63	MG/KG	CLP-M	09/25/2002	23:09	
Silver - Total	ND		0.12	MG/KG	CLP-M	09/25/2002	23:09	
Sodium - Total	150	BE	29.7	MG/KG	CLP-M	09/25/2002	23:09	
Thallium - Total	ND		0.46	MG/KG	CLP-M	09/25/2002	23:09	
Vanadium - Total	17.0	E*	0.06	MG/KG	CLP-M	09/25/2002	23:09	
Zinc - Total	184	EN*	0.35	MG/KG	CLP-M	09/25/2002	23:09	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	7.60		0	S.U.	9045	09/19/2002	17:44	KS

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Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
1,2-Dichloroethene (Total)	2	J	12	UG/KG	95-1	09/24/2002	21:52	JRW
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
2-Butanone	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
2-Hexanone	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Acetone	36	B	12	UG/KG	95-1	09/24/2002	21:52	JRW
Benzene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Bromodichloromethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Bromoform	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Bromomethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Carbon Disulfide	2	J	12	UG/KG	95-1	09/24/2002	21:52	JRW
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Chlorobenzene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Chloroethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Chloroform	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Chloromethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Dibromochloromethane	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Ethylbenzene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Methylene chloride	12	B	12	UG/KG	95-1	09/24/2002	21:52	JRW
Styrene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Tetrachloroethene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Toluene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Total Xylenes	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
Trichloroethene	1	J	12	UG/KG	95-1	09/24/2002	21:52	JRW
Vinyl chloride	ND		12	UG/KG	95-1	09/24/2002	21:52	JRW
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
1,2-Dichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
1,3-Dichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
1,4-Dichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2,2'-Oxybis(1-Chloropropane)	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2,4,5-Trichlorophenol	ND		910	UG/KG	95-2	10/11/2002	17:20	PM
2,4,6-Trichlorophenol	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2,4-Dichlorophenol	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2,4-Dimethylphenol	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2,4-Dinitrophenol	ND		910	UG/KG	95-2	10/11/2002	17:20	PM
2,4-Dinitrotoluene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2,6-Dinitrotoluene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
1-Chloronaphthalene	ND		370	UG/KG	95-2	10/11/2002	17:20	PM
2-Chlorophenol	ND		370	UG/KG	95-2	10/11/2002	17:20	PM

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Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	1000		370	UG/KG	95-2	10/11/2002 17:20	PM
2-Methylphenol	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
2-Nitroaniline	ND		910	UG/KG	95-2	10/11/2002 17:20	PM
2-Nitrophenol	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
3,3'-Dichlorobenzidine	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
3-Nitroaniline	ND		910	UG/KG	95-2	10/11/2002 17:20	PM
4,6-Dinitro-2-methylphenol	ND		910	UG/KG	95-2	10/11/2002 17:20	PM
4-Bromophenyl phenyl ether	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
4-Chloro-3-methylphenol	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
4-Chloroaniline	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
4-Chlorophenyl phenyl ether	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
4-Methylphenol	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
4-Nitroaniline	63	J	910	UG/KG	95-2	10/11/2002 17:20	PM
4-Nitrophenol	ND		910	UG/KG	95-2	10/11/2002 17:20	PM
Acenaphthene	320	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Acenaphthylene	82	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Anthracene	220	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Benzo(a)anthracene	90	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Benzo(a)pyrene	70	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Benzo(b)fluoranthene	58	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Benzo(ghi)perylene	28	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Benzo(k)fluoranthene	69	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Bis(2-chloroethoxy) methane	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Bis(2-chloroethyl) ether	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Bis(2-ethylhexyl) phthalate	260	BJ	370	UG/KG	95-2	10/11/2002 17:20	PM
Butyl benzyl phthalate	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Carbazole	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Chrysene	84	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Di-n-butyl phthalate	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Di-n-octyl phthalate	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Dibenzo(a,h)anthracene	12	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Dibenzofuran	310	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Diethyl phthalate	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Dimethyl phthalate	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Fluoranthene	180	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Fluorene	330	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Hexachlorobenzene	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Hexachlorobutadiene	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Hexachlorocyclopentadiene	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Hexachloroethane	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Indeno(1,2,3-cd)pyrene	33	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Isophorone	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
N-Nitroso-Di-n-propylamine	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
N-nitrosodiphenylamine	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Naphthalene	98	J	370	UG/KG	95-2	10/11/2002 17:20	PM
Nitrobenzene	ND		370	UG/KG	95-2	10/11/2002 17:20	PM
Pentachlorophenol	ND		910	UG/KG	95-2	10/11/2002 17:20	PM
Phenanthrene	1100		370	UG/KG	95-2	10/11/2002 17:20	PM
Phenol	ND		370	UG/KG	95-2	10/11/2002 17:20	PM

Sample ID: RSS-TB05-D410-S-0

Date Received: 09/19/2002

Lab Sample ID: A2935201

Project No: NY2A8931

Collected: 09/18/2002

Client No: 511679

Time Collected: 09:50

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	290	J	370	UG/KG	95-2	10/11/2002	17:20	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.7	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.7	UG/KG	95-3	10/23/2002		
4,4'-DDT	ND		3.7	UG/KG	95-3	10/23/2002		
Aldrin	ND		1.9	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		37	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		76	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		37	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		37	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		37	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		37	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		37	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
Dieldrin	ND		3.7	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.7	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.7	UG/KG	95-3	10/23/2002		
Endrin	ND		3.7	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.7	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.7	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		1.9	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/23/2002		
Heptachlor	ND		1.9	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		19	UG/KG	95-3	10/23/2002		
Toxaphene	ND		190	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	13400	E	3.8	MG/KG	CLP-M	09/26/2002	00:00	
Antimony - Total	0.55	BEN	0.25	MG/KG	CLP-M	09/26/2002	00:00	
Arsenic - Total	8.4	E	0.26	MG/KG	CLP-M	09/26/2002	00:00	
Barium - Total	66.5	E	0.02	MG/KG	CLP-M	09/26/2002	00:00	
Beryllium - Total	0.51	B	0.03	MG/KG	CLP-M	09/26/2002	00:00	
Cadmium - Total	0.33	B	0.03	MG/KG	CLP-M	09/26/2002	00:00	
Calcium - Total	4820	E*	2.3	MG/KG	CLP-M	09/26/2002	00:00	
Chromium - Total	16.5	E	0.07	MG/KG	CLP-M	09/26/2002	00:00	
Cobalt - Total	9.4	E	0.17	MG/KG	CLP-M	09/26/2002	00:00	
Copper - Total	18.1	E*	0.10	MG/KG	CLP-M	09/26/2002	00:00	
Iron - Total	27200	E	1.6	MG/KG	CLP-M	10/16/2002	19:01	
Lead - Total	14.2	E*	0.17	MG/KG	CLP-M	09/26/2002	00:00	
Magnesium - Total	4010	E	0.87	MG/KG	CLP-M	09/26/2002	00:00	
Manganese - Total	210	EN	0.05	MG/KG	CLP-M	09/26/2002	00:00	
Mercury - Total	ND		0.011	MG/KG	CLP-M	09/23/2002	14:18	TRB
Nickel - Total	23.8	EN*	0.53	MG/KG	CLP-M	09/26/2002	00:00	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000100

Rept: AN1178

Sample ID: RSS-TB05-D410-S-0
Lab Sample ID: A2935201
Date Collected: 09/18/2002
Time Collected: 09:50

Date Received: 09/19/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
Metals Analysis								
Potassium - Total	1200	E	3.4	MG/KG	CLP-M	09/26/2002	00:00	
Selenium - Total	1.5		0.56	MG/KG	CLP-M	09/26/2002	00:00	
Silver - Total	ND		0.10	MG/KG	CLP-M	09/26/2002	00:00	
Sodium - Total	87.3	BE	26.3	MG/KG	CLP-M	09/26/2002	00:00	
Thallium - Total	ND		0.41	MG/KG	CLP-M	09/26/2002	00:00	
Vanadium - Total	22.2	E*	0.06	MG/KG	CLP-M	09/26/2002	00:00	
Zinc - Total	145	EN*	0.31	MG/KG	CLP-M	09/26/2002	00:00	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	7.38		0	S.U.	9045	09/24/2002	16:18	KS

Sample ID: RSS-TB05-D410-S-MD

Date Received: 09/19/2002

Lab Sample ID: A2935201MD

Project No: NY2A8931

Collected: 09/18/2002

Client No: 511679

Time Collected: 09:50

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	14675.5000		3.9215	MG/KG	CLP-M	09/26/2002	00:12	
Antimony - Total	0.3554	B	0.2606	MG/KG	CLP-M	09/26/2002	00:12	
Arsenic - Total	8.3393		0.2725	MG/KG	CLP-M	09/26/2002	00:12	
Barium - Total	70.9654		0.0237	MG/KG	CLP-M	09/26/2002	00:12	
Beryllium - Total	0.5296	B	0.0355	MG/KG	CLP-M	09/26/2002	00:12	
Cadmium - Total	0.3021	B	0.0355	MG/KG	CLP-M	09/26/2002	00:12	
Calcium - Total	8848.8174		2.3813	MG/KG	CLP-M	09/26/2002	00:12	
Chromium - Total	16.2024		0.0711	MG/KG	CLP-M	09/26/2002	00:12	
Cobalt - Total	7.4081		0.1777	MG/KG	CLP-M	09/26/2002	00:12	
Copper - Total	19.8288		0.1066	MG/KG	CLP-M	09/26/2002	00:12	
Iron - Total	26347.5293		1.6823	MG/KG	CLP-M	10/16/2002	19:13	
Lead - Total	11.4315		0.1777	MG/KG	CLP-M	09/26/2002	00:12	
Magnesium - Total	3915.3701		0.9004	MG/KG	CLP-M	09/26/2002	00:12	
Manganese - Total	193.2923		0.0474	MG/KG	CLP-M	09/26/2002	00:12	
Mercury - Total	ND		0.0119	MG/KG	CLP-M	09/23/2002	14:22	TRB
Nickel - Total	19.5161		0.5568	MG/KG	CLP-M	09/26/2002	00:12	
Potassium - Total	1226.0150		3.4950	MG/KG	CLP-M	09/26/2002	00:12	
Selenium - Total	1.3470		0.5805	MG/KG	CLP-M	09/26/2002	00:12	
Silver - Total	ND		0.1066	MG/KG	CLP-M	09/26/2002	00:12	
Sodium - Total	88.4496	B	27.4147	MG/KG	CLP-M	09/26/2002	00:12	
Thallium - Total	ND		0.4265	MG/KG	CLP-M	09/26/2002	00:12	
Vanadium - Total	26.3140		0.0592	MG/KG	CLP-M	09/26/2002	00:12	
Zinc - Total	79.9717		0.3199	MG/KG	CLP-M	09/26/2002	00:12	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	7.42		0	S.U.	9045	09/24/2002	16:18	KS

Sample ID: RSS-TB05-D410-S-MS
 Lab Sample ID: A2935201MS
 Date Collected: 09/18/2002
 Time Collected: 09:50

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		
			Limit	Units	Method	Analyzed	Analyst
TVGA - SOIL-ASP 95 - VOLATILES - LOW							
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,1-Dichloroethene	43		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
2-Butanone	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
2-Hexanone	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Acetone	16	B	12	UG/KG	95-1	09/24/2002 22:09	JRW
Benzene	49		12	UG/KG	95-1	09/24/2002 22:09	JRW
Bromodichloromethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Bromoform	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Bromomethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Carbon Disulfide	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Chlorobenzene	49		12	UG/KG	95-1	09/24/2002 22:09	JRW
Chloroethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Chloroform	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Chloromethane	4	BJ	12	UG/KG	95-1	09/24/2002 22:09	JRW
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Dibromochloromethane	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Ethylbenzene	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Methylene chloride	10	BJ	12	UG/KG	95-1	09/24/2002 22:09	JRW
Styrene	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Tetrachloroethene	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Toluene	46	B	12	UG/KG	95-1	09/24/2002 22:09	JRW
Total Xylenes	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
Trichloroethene	50		12	UG/KG	95-1	09/24/2002 22:09	JRW
Vinyl chloride	ND		12	UG/KG	95-1	09/24/2002 22:09	JRW
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
1,2,4-Trichlorobenzene	990		380	UG/KG	95-2	10/11/2002 17:55	PM
1,2-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
1,3-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
1,4-Dichlorobenzene	870		380	UG/KG	95-2	10/11/2002 17:55	PM
2,2'-Oxybis(1-Chloropropane)	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
2,4,5-Trichlorophenol	ND		920	UG/KG	95-2	10/11/2002 17:55	PM
2,4,6-Trichlorophenol	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
2,4-Dichlorophenol	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
2,4-Dimethylphenol	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
2,4-Dinitrophenol	ND		920	UG/KG	95-2	10/11/2002 17:55	PM
2,4-Dinitrotoluene	1900		380	UG/KG	95-2	10/11/2002 17:55	PM
2,6-Dinitrotoluene	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
2-Chloronaphthalene	ND		380	UG/KG	95-2	10/11/2002 17:55	PM
2-Chlorophenol	1500		380	UG/KG	95-2	10/11/2002 17:55	PM

Sample ID: RSS-TB05-D410-S-MS
 Lab Sample ID: A2935201MS
 Collected: 09/18/2002
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Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	1600		380	UG/KG	95-2	10/11/2002	17:55	PM
2-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
2-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	17:55	PM
2-Nitrophenol	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
3,3'-Dichlorobenzidine	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
3-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	17:55	PM
4,6-Dinitro-2-methylphenol	ND		920	UG/KG	95-2	10/11/2002	17:55	PM
4-Bromophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
4-Chloro-3-methylphenol	1800		380	UG/KG	95-2	10/11/2002	17:55	PM
4-Chloroaniline	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
4-Chlorophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
4-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
4-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	17:55	PM
4-Nitrophenol	1700		920	UG/KG	95-2	10/11/2002	17:55	PM
Acenaphthene	1600		380	UG/KG	95-2	10/11/2002	17:55	PM
Acenaphthylene	120	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Anthracene	310	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Benzo(a)anthracene	170	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Benzo(a)pyrene	160	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Benzo(b)fluoranthene	160	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Benzo(ghi)perylene	60	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Benzo(k)fluoranthene	110	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Bis(2-chloroethoxy) methane	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Bis(2-chloroethyl) ether	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Bis(2-ethylhexyl) phthalate	560	B	380	UG/KG	95-2	10/11/2002	17:55	PM
Butyl benzyl phthalate	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Carbazole	160	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Chrysene	170	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Di-n-butyl phthalate	30	BJ	380	UG/KG	95-2	10/11/2002	17:55	PM
Di-n-octyl phthalate	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Dibenzo(a,h)anthracene	35	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Dibenzofuran	460		380	UG/KG	95-2	10/11/2002	17:55	PM
Diethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Dimethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Fluoranthene	390		380	UG/KG	95-2	10/11/2002	17:55	PM
Fluorene	500		380	UG/KG	95-2	10/11/2002	17:55	PM
Hexachlorobenzene	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Hexachlorobutadiene	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Hexachlorocyclopentadiene	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Hexachloroethane	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Indeno(1,2,3-cd)pyrene	72	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Isophorone	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
N-Nitroso-Di-n-propylamine	1000		380	UG/KG	95-2	10/11/2002	17:55	PM
N-nitrosodiphenylamine	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Naphthalene	180	J	380	UG/KG	95-2	10/11/2002	17:55	PM
Nitrobenzene	ND		380	UG/KG	95-2	10/11/2002	17:55	PM
Pentachlorophenol	2000		920	UG/KG	95-2	10/11/2002	17:55	PM
Phenanthrene	1600		380	UG/KG	95-2	10/11/2002	17:55	PM
Phenol	1400		380	UG/KG	95-2	10/11/2002	17:55	PM

Sample ID: RSS-TB05-D410-S-MS
 Lab Sample ID: A2935201MS
 Date Collected: 09/18/2002
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 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	1500		380	UG/KG	95-2	10/11/2002	17:55	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.8	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.8	UG/KG	95-3	10/23/2002		
4,4'-DDT	18		3.8	UG/KG	95-3	10/23/2002		
Aldrin	8.7		1.9	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		76	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		38	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
Dieldrin	0.92	J	3.8	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.8	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.8	UG/KG	95-3	10/23/2002		
Endrin	1.0	J	3.8	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.8	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.8	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	4.1		1.9	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/23/2002		
Heptachlor	11		1.9	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		19	UG/KG	95-3	10/23/2002		
Toxaphene	ND		190	UG/KG	95-3	10/23/2002		
Metals Analysis								
Antimony - Total	20.5879	N	0.2504	MG/KG	CLP-M	09/26/2002	00:16	
Arsenic - Total	202.0180		0.2618	MG/KG	CLP-M	09/26/2002	00:16	
Barium - Total	272.8969		0.0228	MG/KG	CLP-M	09/26/2002	00:16	
Beryllium - Total	5.7676		0.0341	MG/KG	CLP-M	09/26/2002	00:16	
Cadmium - Total	6.0101		0.0341	MG/KG	CLP-M	09/26/2002	00:16	
Chromium - Total	34.4145		0.0683	MG/KG	CLP-M	09/26/2002	00:16	
Cobalt - Total	60.8348		0.1707	MG/KG	CLP-M	09/26/2002	00:16	
Copper - Total	48.0692		0.1024	MG/KG	CLP-M	09/26/2002	00:16	
Lead - Total	64.5968		0.1707	MG/KG	CLP-M	09/26/2002	00:16	
Manganese - Total	342.5499	N	0.0455	MG/KG	CLP-M	09/26/2002	00:16	
Mercury - Total	0.2745		0.0108	MG/KG	CLP-M	09/23/2002	14:23	TRB
Nickel - Total	72.8060		0.5350	MG/KG	CLP-M	09/26/2002	00:16	
Selenium - Total	192.6238		0.5578	MG/KG	CLP-M	09/26/2002	00:16	
Silver - Total	5.3567		0.1024	MG/KG	CLP-M	09/26/2002	00:16	
Thallium - Total	196.3255		0.4098	MG/KG	CLP-M	09/26/2002	00:16	
Vanadium - Total	70.9450		0.0569	MG/KG	CLP-M	09/26/2002	00:16	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000105

Rept: AN1178

Sample ID: RSS-TB05-D410-S-MS
Lab Sample ID: A2935201MS
Date Collected: 09/18/2002
Time Collected: 09:50

Date Received: 09/19/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Zinc - Total	137.4951	N	0.3073	MG/KG	CLP-M	09/26/2002	00:16
Wet Chemistry Analysis							
Cyanide - Total	11.9		0.50	MG/KG	CLP-WC	09/28/2002	11:17 JMS

Sample ID: RSS-TB05-D410-S-SD
 Lab Sample ID: A2935201SD
 Date Collected: 09/18/2002
 Time Collected: 09:50

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,1-Dichloroethene	41		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
2-Butanone	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
2-Hexanone	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Acetone	12	B	12	UG/KG	95-1	09/24/2002	22:27	JRW
Benzene	49		12	UG/KG	95-1	09/24/2002	22:27	JRW
Bromodichloromethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Bromoform	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Bromomethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Carbon Disulfide	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Chlorobenzene	50		12	UG/KG	95-1	09/24/2002	22:27	JRW
Chloroethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Chloroform	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Chloromethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Dibromochloromethane	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Ethylbenzene	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Methylene chloride	12	B	12	UG/KG	95-1	09/24/2002	22:27	JRW
Styrene	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Tetrachloroethene	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Toluene	47	B	12	UG/KG	95-1	09/24/2002	22:27	JRW
Total Xylenes	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
Trichloroethene	52		12	UG/KG	95-1	09/24/2002	22:27	JRW
Vinyl chloride	ND		12	UG/KG	95-1	09/24/2002	22:27	JRW
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	890		380	UG/KG	95-2	10/11/2002	18:30	PM
1,2-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
1,3-Dichlorobenzene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
1,4-Dichlorobenzene	740		380	UG/KG	95-2	10/11/2002	18:30	PM
2,2'-Oxybis(1-Chloropropane)	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2,4,5-Trichlorophenol	ND		920	UG/KG	95-2	10/11/2002	18:30	PM
2,4,6-Trichlorophenol	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2,4-Dichlorophenol	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2,4-Dimethylphenol	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2,4-Dinitrophenol	ND		920	UG/KG	95-2	10/11/2002	18:30	PM
2,4-Dinitrotoluene	2100		380	UG/KG	95-2	10/11/2002	18:30	PM
2,6-Dinitrotoluene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2-Chloronaphthalene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2-Chlorophenol	1200		380	UG/KG	95-2	10/11/2002	18:30	PM

Sample ID: RSS-TB05-D410-S-SD
 Lab Sample ID: A2935201SD
 e Collected: 09/18/2002
 me Collected: 09:50

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	1700		380	UG/KG	95-2	10/11/2002	18:30	PM
2-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
2-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	18:30	PM
2-Nitrophenol	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
3,3'-Dichlorobenzidine	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
3-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	18:30	PM
4,6-Dinitro-2-methylphenol	ND		920	UG/KG	95-2	10/11/2002	18:30	PM
4-Bromophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
4-Chloro-3-methylphenol	1600		380	UG/KG	95-2	10/11/2002	18:30	PM
4-Chloroaniline	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
4-Chlorophenyl phenyl ether	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
4-Methylphenol	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
4-Nitroaniline	ND		920	UG/KG	95-2	10/11/2002	18:30	PM
4-Nitrophenol	1800		920	UG/KG	95-2	10/11/2002	18:30	PM
Acenaphthene	1700		380	UG/KG	95-2	10/11/2002	18:30	PM
Acenaphthylene	150	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Anthracene	340	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Benzo(a)anthracene	140	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Benzo(a)pyrene	120	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Benzo(b)fluoranthene	91	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Benzo(ghi)perylene	43	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Benzo(k)fluoranthene	120	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Bis(2-chloroethoxy) methane	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Bis(2-chloroethyl) ether	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Bis(2-ethylhexyl) phthalate	390	B	380	UG/KG	95-2	10/11/2002	18:30	PM
Butyl benzyl phthalate	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Carbazole	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Chrysene	140	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Di-n-butyl phthalate	48	BJ	380	UG/KG	95-2	10/11/2002	18:30	PM
Di-n-octyl phthalate	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Dibenzo(a,h)anthracene	25	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Dibenzofuran	520		380	UG/KG	95-2	10/11/2002	18:30	PM
Diethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Dimethyl phthalate	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Fluoranthene	300	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Fluorene	570		380	UG/KG	95-2	10/11/2002	18:30	PM
Hexachlorobenzene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Hexachlorobutadiene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Hexachlorocyclopentadiene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Hexachloroethane	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Indeno(1,2,3-cd)pyrene	53	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Isophorone	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
N-Nitroso-Di-n-propylamine	900		380	UG/KG	95-2	10/11/2002	18:30	PM
N-nitrosodiphenylamine	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Naphthalene	190	J	380	UG/KG	95-2	10/11/2002	18:30	PM
Nitrobenzene	ND		380	UG/KG	95-2	10/11/2002	18:30	PM
Pentachlorophenol	2000		920	UG/KG	95-2	10/11/2002	18:30	PM
Phenanthrene	1800		380	UG/KG	95-2	10/11/2002	18:30	PM
Phenol	1200		380	UG/KG	95-2	10/11/2002	18:30	PM

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site S1/RAR - Soil/Test Borings

Rept: AN1178

Sample ID: RSS-TB05-D410-S-SD
Lab Sample ID: A2935201SD
Date Collected: 09/18/2002
Time Collected: 09:50

Date Received: 09/19/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	1500		380	UG/KG	95-2	10/11/2002	18:30	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.8	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.8	UG/KG	95-3	10/23/2002		
4,4'-DDT	18		3.8	UG/KG	95-3	10/23/2002		
Aldrin	8.6		2.0	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		78	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		38	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		38	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
Dieldrin	1.5	J	3.8	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.8	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.8	UG/KG	95-3	10/23/2002		
Endrin	1.6	J	3.8	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.8	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.8	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	4.5		2.0	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor	11		2.0	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		20	UG/KG	95-3	10/23/2002		
Toxaphene	ND		200	UG/KG	95-3	10/23/2002		

Sample ID: RSS-TB06-D1018-S-0
 Lab Sample ID: A2935202
 Date Collected: 09/18/2002
 Time Collected: 16:35

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
2-Butanone	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Acetone	10	BJ	12	UG/KG	95-1	09/25/2002	13:25	DGP
Benzene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Bromoform	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Bromomethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Carbon Disulfide	2	J	12	UG/KG	95-1	09/25/2002	13:25	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Chloroethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Chloroform	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Chloromethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Methylene chloride	10	BJ	12	UG/KG	95-1	09/25/2002	13:25	DGP
Styrene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Toluene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/25/2002	13:25	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
1,2-Dichlorobenzene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
1,3-Dichlorobenzene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
1,4-Dichlorobenzene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2,2'-Oxybis(1-Chloropropane)	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2,4,5-Trichlorophenol	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
2,4,6-Trichlorophenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2,4-Dichlorophenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2,4-Dimethylphenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2,4-Dinitrophenol	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
2,4-Dinitrotoluene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2,6-Dinitrotoluene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
-Chloronaphthalene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2-Chlorophenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM

Sample ID: RSS-TB06-D1018-S-0
 Lab Sample ID: A2935202
 Date Collected: 09/18/2002
 Time Collected: 16:35

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2-Methylphenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
2-Nitroaniline	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
2-Nitrophenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
3,3'-Dichlorobenzidine	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
3-Nitroaniline	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
4,6-Dinitro-2-methylphenol	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
4-Bromophenyl phenyl ether	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
4-Chloro-3-methylphenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
4-Chloroaniline	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
4-Chlorophenyl phenyl ether	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
4-Methylphenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
4-Nitroaniline	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
4-Nitrophenol	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
Acenaphthene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Acenaphthylene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Anthracene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Benzo(a)anthracene	24	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Benzo(a)pyrene	24	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Benzo(b)fluoranthene	26	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Benzo(ghi)perylene	12	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Benzo(k)fluoranthene	22	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Bis(2-chloroethoxy) methane	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Bis(2-chloroethyl) ether	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Bis(2-ethylhexyl) phthalate	270	BJ	390	UG/KG	95-2	10/11/2002	19:05	PM
Butyl benzyl phthalate	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Carbazole	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Chrysene	28	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Di-n-butyl phthalate	29	BJ	390	UG/KG	95-2	10/11/2002	19:05	PM
Di-n-octyl phthalate	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Dibenzo(a,h)anthracene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Dibenzofuran	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Diethyl phthalate	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Dimethyl phthalate	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Fluoranthene	46	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Fluorene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Hexachlorobenzene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Hexachlorobutadiene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Hexachlorocyclopentadiene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Hexachloroethane	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Indeno(1,2,3-cd)pyrene	13	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Isophorone	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
N-Nitroso-Di-n-propylamine	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
N-nitrosodiphenylamine	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Naphthalene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Nitrobenzene	ND		390	UG/KG	95-2	10/11/2002	19:05	PM
Pentachlorophenol	ND		940	UG/KG	95-2	10/11/2002	19:05	PM
Phenanthrene	31	J	390	UG/KG	95-2	10/11/2002	19:05	PM
Phenol	ND		390	UG/KG	95-2	10/11/2002	19:05	PM

Sample ID: RSS-TB06-D1018-S-0
 Lab Sample ID: A2935202
 e Collected: 09/18/2002
 e Collected: 16:35

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	38	J	390	UG/KG	95-2	10/11/2002	19:05	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.9	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.9	UG/KG	95-3	10/23/2002		
4,4'-DDT	ND		3.9	UG/KG	95-3	10/23/2002		
Aldrin	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		79	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		39	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
Dieldrin	ND		3.9	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.9	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.9	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		20	UG/KG	95-3	10/23/2002		
Toxaphene	ND		200	UG/KG	95-3	10/23/2002		

Metals Analysis

Aluminum - Total	6200	E	3.9	MG/KG	CLP-M	09/26/2002	00:21	
Antimony - Total	0.52	BEN	0.26	MG/KG	CLP-M	09/26/2002	00:21	
Arsenic - Total	6.4	E	0.27	MG/KG	CLP-M	09/26/2002	00:21	
Barium - Total	86.3	E	0.02	MG/KG	CLP-M	09/26/2002	00:21	
Beryllium - Total	0.27	B	0.04	MG/KG	CLP-M	09/26/2002	00:21	
Cadmium - Total	0.35	B	0.04	MG/KG	CLP-M	09/26/2002	00:21	
Calcium - Total	13800	E*	2.4	MG/KG	CLP-M	09/26/2002	00:21	
Chromium - Total	19.1	E	0.07	MG/KG	CLP-M	09/26/2002	00:21	
Cobalt - Total	5.3	BE	0.18	MG/KG	CLP-M	09/26/2002	00:21	
Copper - Total	26.1	E*	0.11	MG/KG	CLP-M	09/26/2002	00:21	
Iron - Total	18200	E	1.7	MG/KG	CLP-M	10/16/2002	19:21	
Lead - Total	16.4	E*	0.18	MG/KG	CLP-M	09/26/2002	00:21	
Magnesium - Total	4730	E	0.90	MG/KG	CLP-M	09/26/2002	00:21	
Manganese - Total	740	EN	0.05	MG/KG	CLP-M	09/26/2002	00:21	
Mercury - Total	ND		0.012	MG/KG	CLP-M	09/23/2002	14:24	TRB
Nickel - Total	16.5	EN*	0.55	MG/KG	CLP-M	09/26/2002	00:21	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000112

Rept: AN1178

Sample ID: RSS-TB06-D1018-S-0

Date Received: 09/19/2002

Lab Sample ID: A2935202

Project No: NY2A8931

Date Collected: 09/18/2002

Client No: 511679

Time Collected: 16:35

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time	
						Analyzed	Analyst
Metals Analysis							
Potassium - Total	865	E	3.5	MG/KG	CLP-M	09/26/2002 00:21	
Selenium - Total	1.0		0.58	MG/KG	CLP-M	09/26/2002 00:21	
Silver - Total	ND		0.11	MG/KG	CLP-M	09/26/2002 00:21	
Sodium - Total	110	BE	27.3	MG/KG	CLP-M	09/26/2002 00:21	
Thallium - Total	0.58	B	0.42	MG/KG	CLP-M	09/26/2002 00:21	
Vanadium - Total	11.9	E*	0.06	MG/KG	CLP-M	09/26/2002 00:21	
Zinc - Total	154	EN*	0.32	MG/KG	CLP-M	09/26/2002 00:21	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002 11:17	JMS
Leachable pH	11.0		0	S.U.	9045	09/24/2002 16:18	KS

Sample ID: RSS-TB07-D04-S-0
 Sample ID: A2935203
 Date Collected: 09/19/2002
 Time Collected: 12:45

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,1-Dichloroethene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,2-Dichloroethene (Total)	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
2-Butanone	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Acetone	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Benzene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Bromoform	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Bromomethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Chloroethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Chloroform	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Chloromethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Methylene chloride	8	BJ	12	UG/KG	95-1	09/25/2002	14:00	DGP
Styrene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Toluene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Trichloroethene	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
Vinyl chloride	ND		12	UG/KG	95-1	09/25/2002	14:00	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
1,2-Dichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
1,3-Dichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
1,4-Dichlorobenzene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2,2'-Oxybis(1-Chloropropane)	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2,4,5-Trichlorophenol	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
2,4,6-Trichlorophenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2,4-Dichlorophenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2,4-Dimethylphenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2,4-Dinitrophenol	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
2,4-Dinitrotoluene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
6-Dinitrotoluene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Chloronaphthalene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2-Chlorophenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM

Sample ID: RSS-TB07-D04-S-0
 Lab Sample ID: A2935203
 Date Collected: 09/19/2002
 Time Collected: 12:45

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2-Methylphenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
2-Nitroaniline	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
2-Nitrophenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
3,3'-Dichlorobenzidine	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
3-Nitroaniline	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
4,6-Dinitro-2-methylphenol	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
4-Bromophenyl phenyl ether	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
4-Chloro-3-methylphenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
4-Chloroaniline	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
4-Chlorophenyl phenyl ether	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
4-Methylphenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
4-Nitroaniline	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
4-Nitrophenol	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
Acenaphthene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Acenaphthylene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Anthracene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Benzo(a)anthracene	47	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Benzo(a)pyrene	50	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Benzo(b)fluoranthene	110	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Benzo(ghi)perylene	26	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Benzo(k)fluoranthene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Bis(2-chloroethoxy) methane	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Bis(2-chloroethyl) ether	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Bis(2-ethylhexyl) phthalate	64	BJ	370	UG/KG	95-2	10/11/2002	19:40	PM
Butyl benzyl phthalate	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Carbazole	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Chrysene	63	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Di-n-butyl phthalate	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Di-n-octyl phthalate	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Dibenzo(a,h)anthracene	10	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Dibenzofuran	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Diethyl phthalate	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Dimethyl phthalate	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Fluoranthene	110	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Fluorene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Hexachlorobenzene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Hexachlorobutadiene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Hexachlorocyclopentadiene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Hexachloroethane	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Indeno(1,2,3-cd)pyrene	27	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Isophorone	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
N-Nitroso-Di-n-propylamine	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
N-nitrosodiphenylamine	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Naphthalene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Nitrobenzene	ND		370	UG/KG	95-2	10/11/2002	19:40	PM
Pentachlorophenol	ND		890	UG/KG	95-2	10/11/2002	19:40	PM
Phenanthrene	57	J	370	UG/KG	95-2	10/11/2002	19:40	PM
Phenol	ND		370	UG/KG	95-2	10/11/2002	19:40	PM

Sample ID: RSS-TB07-D04-S-0
 Lab Sample ID: A2935203
 Date Collected: 09/19/2002
 Time Collected: 12:45

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	78	J	370	UG/KG	95-2	10/11/2002	19:40	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.6	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.6	UG/KG	95-3	10/23/2002		
4,4'-DDT	ND		3.6	UG/KG	95-3	10/23/2002		
Aldrin	ND		1.9	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		1.9	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		74	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		36	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		36	UG/KG	95-3	10/23/2002		
beta-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
delta-BHC	ND		1.9	UG/KG	95-3	10/23/2002		
Dieldrin	ND		3.6	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		1.9	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.6	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	10/23/2002		
Endrin	ND		3.6	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.6	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.6	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		1.9	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		1.9	UG/KG	95-3	10/23/2002		
Heptachlor	ND		1.9	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		1.9	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		19	UG/KG	95-3	10/23/2002		
Toxaphene	ND		190	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	6320	E	3.7	MG/KG	CLP-M	09/26/2002	00:47	
Antimony - Total	3.9	BEN	0.25	MG/KG	CLP-M	09/26/2002	00:47	
Arsenic - Total	5.8	E	0.26	MG/KG	CLP-M	09/26/2002	00:47	
Barium - Total	218	E	0.02	MG/KG	CLP-M	09/26/2002	00:47	
Beryllium - Total	0.37	B	0.03	MG/KG	CLP-M	09/26/2002	00:47	
Cadmium - Total	0.77		0.03	MG/KG	CLP-M	09/26/2002	00:47	
Calcium - Total	3210	E*	2.2	MG/KG	CLP-M	09/26/2002	00:47	
Chromium - Total	153	E	0.07	MG/KG	CLP-M	09/26/2002	00:47	
Cobalt - Total	9.5	E	0.17	MG/KG	CLP-M	09/26/2002	00:47	
Copper - Total	76.6	E*	0.10	MG/KG	CLP-M	09/26/2002	00:47	
Iron - Total	82700	E	15.6	MG/KG	CLP-M	09/28/2002	08:14	
Lead - Total	147	E*	0.17	MG/KG	CLP-M	09/26/2002	00:47	
Magnesium - Total	2820	E	0.85	MG/KG	CLP-M	09/26/2002	00:47	
Manganese - Total	1340	EN	0.04	MG/KG	CLP-M	09/26/2002	00:47	
Mercury - Total	0.291		0.010	MG/KG	CLP-M	09/23/2002	14:26	TRB
Nickel - Total	79.4	EN*	0.53	MG/KG	CLP-M	09/26/2002	00:47	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
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Sample ID: RSS-TB07-D04-S-0
Lab Sample ID: A2935203
Date Collected: 09/19/2002
Time Collected: 12:45

Date Received: 09/19/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Metals Analysis								
Potassium - Total	1040	E	3.3	MG/KG	CLP-M	09/26/2002	00:47	
Selenium - Total	2.6		0.55	MG/KG	CLP-M	09/26/2002	00:47	
Silver - Total	0.30	B	0.10	MG/KG	CLP-M	09/26/2002	00:47	
Sodium - Total	197	BE	25.9	MG/KG	CLP-M	09/26/2002	00:47	
Thallium - Total	ND		0.40	MG/KG	CLP-M	09/26/2002	00:47	
Vanadium - Total	12.8	E*	0.06	MG/KG	CLP-M	09/26/2002	00:47	
Zinc - Total	176	EN*	0.30	MG/KG	CLP-M	09/26/2002	00:47	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	7.67		0	S.U.	9045	09/24/2002	16:18	KS

Sample ID: RSS-TB08-D610-S-0

Date Received: 09/19/2002

Sample ID: A2935204

Project No: NY2A8931

Date Collected: 09/19/2002

Client No: 511679

Time Collected: 17:30

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
1,1,2,2-Tetrachloroethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
1,1,2-Trichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
1,1-Dichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
1,1-Dichloroethene	1	J	12	UG/KG	95-1	09/25/2002	14:42	DGP
1,2-Dichloroethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
1,2-Dichloroethene (Total)	250	E	12	UG/KG	95-1	09/25/2002	14:42	DGP
1,2-Dichloropropane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
2-Butanone	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
2-Hexanone	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
4-Methyl-2-pentanone	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Acetone	9	BJ	12	UG/KG	95-1	09/25/2002	14:42	DGP
Benzene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Bromodichloromethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Bromoform	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Bromomethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Carbon Disulfide	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Carbon Tetrachloride	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Chlorobenzene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Chloroethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Chloroform	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Chloromethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
cis-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Dibromochloromethane	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Ethylbenzene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Methylene chloride	9	BJ	12	UG/KG	95-1	09/25/2002	14:42	DGP
Styrene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Tetrachloroethene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Toluene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Total Xylenes	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
trans-1,3-Dichloropropene	ND		12	UG/KG	95-1	09/25/2002	14:42	DGP
Trichloroethene	620	E	12	UG/KG	95-1	09/25/2002	14:42	DGP
Vinyl chloride	2	J	12	UG/KG	95-1	09/25/2002	14:42	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
1,2-Dichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
1,3-Dichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
1,4-Dichlorobenzene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2,2'-Oxybis(1-Chloropropane)	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2,4,5-Trichlorophenol	ND		960	UG/KG	95-2	10/11/2002	20:15	PM
2,4,6-Trichlorophenol	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2,4-Dichlorophenol	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2,4-Dimethylphenol	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2,4-Dinitrophenol	ND		960	UG/KG	95-2	10/11/2002	20:15	PM
2,4-Dinitrotoluene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2,6-Dinitrotoluene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
Chloronaphthalene	ND		400	UG/KG	95-2	10/11/2002	20:15	PM
2-Chlorophenol	ND		400	UG/KG	95-2	10/11/2002	20:15	PM

Sample ID: RSS-TB08-D610-S-0
 Lab Sample ID: A2935204
 Date Collected: 09/19/2002
 Time Collected: 17:30

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
2-Methylphenol	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
2-Nitroaniline	ND		960	UG/KG	95-2	10/11/2002 20:15	PM	
2-Nitrophenol	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
3,3'-Dichlorobenzidine	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
3-Nitroaniline	ND		960	UG/KG	95-2	10/11/2002 20:15	PM	
4,6-Dinitro-2-methylphenol	ND		960	UG/KG	95-2	10/11/2002 20:15	PM	
4-Bromophenyl phenyl ether	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
4-Chloro-3-methylphenol	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
4-Chloroaniline	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
4-Chlorophenyl phenyl ether	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
4-Methylphenol	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
4-Nitroaniline	ND		960	UG/KG	95-2	10/11/2002 20:15	PM	
4-Nitrophenol	ND		960	UG/KG	95-2	10/11/2002 20:15	PM	
Acenaphthene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Acenaphthylene	12	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Anthracene	11	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Benzo(a)anthracene	66	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Benzo(a)pyrene	82	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Benzo(b)fluoranthene	76	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Benzo(ghi)perylene	40	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Benzo(k)fluoranthene	76	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Bis(2-chloroethoxy) methane	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Bis(2-chloroethyl) ether	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Bis(2-ethylhexyl) phthalate	310	BJ	400	UG/KG	95-2	10/11/2002 20:15	PM	
Butyl benzyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Carbazole	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Chrysene	71	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Di-n-butyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Di-n-octyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Dibenzo(a,h)anthracene	18	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Dibenzofuran	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Diethyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Dimethyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Fluoranthene	130	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Fluorene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Hexachlorobenzene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Hexachlorobutadiene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Hexachlorocyclopentadiene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Hexachloroethane	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Indeno(1,2,3-cd)pyrene	46	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Isophorone	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
N-Nitroso-Di-n-propylamine	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
N-nitrosodiphenylamine	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Naphthalene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Nitrobenzene	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	
Pentachlorophenol	ND		960	UG/KG	95-2	10/11/2002 20:15	PM	
Phenanthrene	58	J	400	UG/KG	95-2	10/11/2002 20:15	PM	
Phenol	ND		400	UG/KG	95-2	10/11/2002 20:15	PM	

Sample ID: RSS-TB08-D610-S-0
 Lab Sample ID: A2935204
 Date Collected: 09/19/2002
 Time Collected: 17:30

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	110	J	400	UG/KG	95-2	10/11/2002	20:15	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.9	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		3.9	UG/KG	95-3	10/23/2002		
4,4'-DDT	ND		3.9	UG/KG	95-3	10/23/2002		
Aldrin	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		79	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		39	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		39	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
Dieldrin	ND		3.9	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		3.9	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		3.9	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		3.9	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		20	UG/KG	95-3	10/23/2002		
Toxaphene	ND		200	UG/KG	95-3	10/23/2002		

Metals Analysis

Aluminum - Total	14400	E	4.0	MG/KG	CLP-M	09/26/2002	00:51	
Antimony - Total	0.39	BEN	0.26	MG/KG	CLP-M	09/26/2002	00:51	
Arsenic - Total	11.6	E	0.28	MG/KG	CLP-M	09/26/2002	00:51	
Barium - Total	157	E	0.02	MG/KG	CLP-M	09/26/2002	00:51	
Beryllium - Total	0.76		0.04	MG/KG	CLP-M	09/26/2002	00:51	
Cadmium - Total	0.27	B	0.04	MG/KG	CLP-M	09/26/2002	00:51	
Calcium - Total	18500	E*	2.4	MG/KG	CLP-M	09/26/2002	00:51	
Chromium - Total	20.8	E	0.07	MG/KG	CLP-M	09/26/2002	00:51	
Cobalt - Total	14.6	E	0.18	MG/KG	CLP-M	09/26/2002	00:51	
Copper - Total	30.1	E*	0.11	MG/KG	CLP-M	09/26/2002	00:51	
Iron - Total	28900	E	1.7	MG/KG	CLP-M	10/16/2002	19:30	
Lead - Total	16.4	E*	0.18	MG/KG	CLP-M	09/26/2002	00:51	
Magnesium - Total	8770	E	0.91	MG/KG	CLP-M	09/26/2002	00:51	
Manganese - Total	302	EN	0.05	MG/KG	CLP-M	09/26/2002	00:51	
Mercury - Total	ND		0.012	MG/KG	CLP-M	09/23/2002	14:27	TRB
Nickel - Total	39.0	EN*	0.56	MG/KG	CLP-M	09/26/2002	00:51	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site S1/RAR - Soil/Test Borings

000120

Rept: AN1178

Sample ID: RSS-TB08-D610-S-0
Lab Sample ID: A2935204
Date Collected: 09/19/2002
Time Collected: 17:30

Date Received: 09/19/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Potassium - Total	2280	E	3.5	MG/KG	CLP-M	09/26/2002 00:51	
Selenium - Total	2.5		0.59	MG/KG	CLP-M	09/26/2002 00:51	
Silver - Total	ND		0.11	MG/KG	CLP-M	09/26/2002 00:51	
Sodium - Total	131	BE	27.7	MG/KG	CLP-M	09/26/2002 00:51	
Thallium - Total	ND		0.43	MG/KG	CLP-M	09/26/2002 00:51	
Vanadium - Total	24.2	E*	0.06	MG/KG	CLP-M	09/26/2002 00:51	
Zinc - Total	77.6	EN*	0.32	MG/KG	CLP-M	09/26/2002 00:51	
Wet Chemistry Analysis							
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002 11:17	JMS
Leachable pH	7.83		0	S.U.	9045	09/24/2002 16:18	KS

Sample ID: RSS-TB08-D610-S-0 DL
 Lab Sample ID: A2935204DL
 Collected: 09/19/2002
 Collected: 17:30

Date Received: 09/19/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
1,1,2,2-Tetrachloroethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
1,1,2-Trichloroethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
1,1-Dichloroethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
1,1-Dichloroethene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
1,2-Dichloroethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
1,2-Dichloroethene (Total)	180	D	53	UG/KG	95-1	09/25/2002	16:01	DGP
1,2-Dichloropropane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
2-Butanone	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
2-Hexanone	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
4-Methyl-2-pentanone	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Acetone	21	BDJ	53	UG/KG	95-1	09/25/2002	16:01	DGP
Benzene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Bromodichloromethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Bromoform	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Bromomethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Carbon Disulfide	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Carbon Tetrachloride	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Chlorobenzene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Chloroethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Chloroform	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Chloromethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
cis-1,3-Dichloropropene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Dibromochloromethane	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Ethylbenzene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Methylene chloride	40	BDJ	53	UG/KG	95-1	09/25/2002	16:01	DGP
Styrene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Tetrachloroethene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Toluene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Total Xylenes	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
trans-1,3-Dichloropropene	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP
Trichloroethene	440	D	53	UG/KG	95-1	09/25/2002	16:01	DGP
Vinyl chloride	ND		53	UG/KG	95-1	09/25/2002	16:01	DGP

Sample ID: RSS-TB09-D1016-S-0
 Lab Sample ID: A2940201
 Date Collected: 09/20/2002
 Time Collected: 13:45

Date Received: 09/20/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW									
1,1,1-Trichloroethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,1,2,2-Tetrachloroethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,1,2-Trichloroethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,1-Dichloroethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,1-Dichloroethene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,2-Dichloroethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,2-Dichloroethene (Total)	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
1,2-Dichloropropane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
2-Butanone	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
2-Hexanone	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
4-Methyl-2-pentanone	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Acetone	11	B	11		UG/KG	95-1	09/25/2002	14:19	DGP
Benzene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Bromodichloromethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Bromoform	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Bromomethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Carbon Disulfide	2	J	11		UG/KG	95-1	09/25/2002	14:19	DGP
Carbon Tetrachloride	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Chlorobenzene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Chloroethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Chloroform	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Chloromethane	2	BJ	11		UG/KG	95-1	09/25/2002	14:19	DGP
cis-1,3-Dichloropropene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Dibromochloromethane	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Ethylbenzene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Methylene chloride	14	B	11		UG/KG	95-1	09/25/2002	14:19	DGP
Styrene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Tetrachloroethene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Toluene	1	J	11		UG/KG	95-1	09/25/2002	14:19	DGP
Total Xylenes	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
trans-1,3-Dichloropropene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Trichloroethene	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
Vinyl chloride	ND		11		UG/KG	95-1	09/25/2002	14:19	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
1,2,4-Trichlorobenzene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
1,2-Dichlorobenzene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
1,3-Dichlorobenzene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
1,4-Dichlorobenzene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2,2'-Oxybis(1-Chloropropane)	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2,4,5-Trichlorophenol	ND		960		UG/KG	95-2	10/11/2002	20:49	PM
2,4,6-Trichlorophenol	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2,4-Dichlorophenol	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2,4-Dimethylphenol	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2,4-Dinitrophenol	ND		960		UG/KG	95-2	10/11/2002	20:49	PM
2,4-Dinitrotoluene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2,6-Dinitrotoluene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2-Chloronaphthalene	ND		400		UG/KG	95-2	10/11/2002	20:49	PM
2-Chlorophenol	ND		400		UG/KG	95-2	10/11/2002	20:49	PM

Sample ID: RSS-TB09-D1016-S-0

Date Received: 09/20/2002

Sample ID: A2940201

Project No: NY2A8931

Collected: 09/20/2002

Client No: 511679

Time Collected: 13:45

Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
2-Methylphenol	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
2-Nitroaniline	ND		960	UG/KG	95-2	10/11/2002 20:49	PM
2-Nitrophenol	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
3,3'-Dichlorobenzidine	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
3-Nitroaniline	ND		960	UG/KG	95-2	10/11/2002 20:49	PM
4,6-Dinitro-2-methylphenol	ND		960	UG/KG	95-2	10/11/2002 20:49	PM
4-Bromophenyl phenyl ether	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
4-Chloro-3-methylphenol	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
4-Chloroaniline	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
4-Chlorophenyl phenyl ether	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
4-Methylphenol	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
4-Nitroaniline	ND		960	UG/KG	95-2	10/11/2002 20:49	PM
4-Nitrophenol	ND		960	UG/KG	95-2	10/11/2002 20:49	PM
Acenaphthene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Acenaphthylene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Anthracene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Benzo(a)anthracene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Benzo(a)pyrene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Benzo(b)fluoranthene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
benzo(ghi)perylene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
benzo(k)fluoranthene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Bis(2-chloroethoxy) methane	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Bis(2-chloroethyl) ether	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Bis(2-ethylhexyl) phthalate	570	B	400	UG/KG	95-2	10/11/2002 20:49	PM
Butyl benzyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Carbazole	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Chrysene	41	J	400	UG/KG	95-2	10/11/2002 20:49	PM
Di-n-butyl phthalate	25	BJ	400	UG/KG	95-2	10/11/2002 20:49	PM
Di-n-octyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Dibenzo(a,h)anthracene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Dibenzofuran	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Diethyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Dimethyl phthalate	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Fluoranthene	45	J	400	UG/KG	95-2	10/11/2002 20:49	PM
Fluorene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Hexachlorobenzene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Hexachlorobutadiene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Hexachlorocyclopentadiene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Hexachloroethane	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Indeno(1,2,3-cd)pyrene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Isophorone	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
N-Nitroso-Di-n-propylamine	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
N-nitrosodiphenylamine	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Naphthalene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Nitrobenzene	ND		400	UG/KG	95-2	10/11/2002 20:49	PM
Pentachlorophenol	ND		960	UG/KG	95-2	10/11/2002 20:49	PM
peranthrene	37	J	400	UG/KG	95-2	10/11/2002 20:49	PM
Phenol	ND		400	UG/KG	95-2	10/11/2002 20:49	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	35	J	400	UG/KG	95-2	10/11/2002	20:49	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		4.0	UG/KG	95-3	10/23/2002		
4,4'-DDE	ND		4.0	UG/KG	95-3	10/23/2002		
4,4'-DDT	ND		4.0	UG/KG	95-3	10/23/2002		
Aldrin	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
alpha-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Aroclor 1016	ND		40	UG/KG	95-3	10/23/2002		
Aroclor 1221	ND		80	UG/KG	95-3	10/23/2002		
Aroclor 1232	ND		40	UG/KG	95-3	10/23/2002		
Aroclor 1242	ND		40	UG/KG	95-3	10/23/2002		
Aroclor 1248	ND		40	UG/KG	95-3	10/23/2002		
Aroclor 1254	ND		40	UG/KG	95-3	10/23/2002		
Aroclor 1260	ND		40	UG/KG	95-3	10/23/2002		
beta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
delta-BHC	ND		2.0	UG/KG	95-3	10/23/2002		
Dieldrin	ND		4.0	UG/KG	95-3	10/23/2002		
Endosulfan I	ND		2.0	UG/KG	95-3	10/23/2002		
Endosulfan II	ND		4.0	UG/KG	95-3	10/23/2002		
Endosulfan Sulfate	ND		4.0	UG/KG	95-3	10/23/2002		
Endrin	ND		4.0	UG/KG	95-3	10/23/2002		
Endrin aldehyde	ND		4.0	UG/KG	95-3	10/23/2002		
Endrin ketone	ND		4.0	UG/KG	95-3	10/23/2002		
gamma-BHC (Lindane)	ND		2.0	UG/KG	95-3	10/23/2002		
gamma-Chlordane	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor	ND		2.0	UG/KG	95-3	10/23/2002		
Heptachlor epoxide	ND		2.0	UG/KG	95-3	10/23/2002		
Methoxychlor	ND		20	UG/KG	95-3	10/23/2002		
Toxaphene	ND		200	UG/KG	95-3	10/23/2002		
Metals Analysis								
Aluminum - Total	9240	E	4.2	MG/KG	CLP-M	09/26/2002	00:55	
Antimony - Total	1.9	BEN	0.28	MG/KG	CLP-M	09/26/2002	00:55	
Arsenic - Total	21.5	E	0.29	MG/KG	CLP-M	09/26/2002	00:55	
Barium - Total	102	E	0.03	MG/KG	CLP-M	09/26/2002	00:55	
Beryllium - Total	0.51	B	0.04	MG/KG	CLP-M	09/26/2002	00:55	
Cadmium - Total	0.95		0.04	MG/KG	CLP-M	09/26/2002	00:55	
Calcium - Total	37500	E*	24.8	MG/KG	CLP-M	09/28/2002	08:18	
Chromium - Total	51.0	E	0.08	MG/KG	CLP-M	09/26/2002	00:55	
Cobalt - Total	11.4	E	0.19	MG/KG	CLP-M	09/26/2002	00:55	
Copper - Total	53.1	E*	0.11	MG/KG	CLP-M	09/26/2002	00:55	
Iron - Total	44200	E	1.8	MG/KG	CLP-M	10/16/2002	19:34	
Lead - Total	51.6	E*	0.19	MG/KG	CLP-M	09/26/2002	00:55	
Magnesium - Total	6170	E	0.95	MG/KG	CLP-M	09/26/2002	00:55	
Manganese - Total	776	EN	0.05	MG/KG	CLP-M	09/26/2002	00:55	
Mercury - Total	ND		0.011	MG/KG	CLP-M	09/23/2002	14:38	TRB
Nickel - Total	48.4	EN*	0.59	MG/KG	CLP-M	09/26/2002	00:55	

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Potassium - Total	1830	E	3.7	MG/KG	CLP-M	09/26/2002	00:55	
Selenium - Total	2.0		0.62	MG/KG	CLP-M	09/26/2002	00:55	
Silver - Total	ND		0.11	MG/KG	CLP-M	09/26/2002	00:55	
Sodium - Total	332	BE	29.1	MG/KG	CLP-M	09/26/2002	00:55	
Thallium - Total	ND		0.45	MG/KG	CLP-M	09/26/2002	00:55	
Vanadium - Total	17.3	E*	0.06	MG/KG	CLP-M	09/26/2002	00:55	
Zinc - Total	909	EN*	2.6	MG/KG	CLP-M	09/28/2002	08:18	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	09/28/2002	11:17	JMS
Leachable pH	10.2		0	S.U.	9045	09/24/2002	16:18	KS

Sample ID: RSS-TB1-D24-S-0
 Lab Sample ID: A2912606
 Date Collected: 09/13/2002
 Time Collected: 12:00

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,1,2,2-Tetrachloroethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,1,2-Trichloroethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,1-Dichloroethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,1-Dichloroethene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,2-Dichloroethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,2-Dichloroethene (Total)	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
1,2-Dichloropropane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
2-Butanone	6	J	10	UG/KG	95-1	09/19/2002	03:25	JRW
2-Hexanone	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
4-Methyl-2-pentanone	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Acetone	31	B	10	UG/KG	95-1	09/19/2002	03:25	JRW
Benzene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Bromodichloromethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Bromoform	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Bromomethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Carbon Disulfide	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Carbon Tetrachloride	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Chlorobenzene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Chloroethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Chloroform	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Chloromethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
cis-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Dibromochloromethane	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Ethylbenzene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Methylene chloride	8	BJ	10	UG/KG	95-1	09/19/2002	03:25	JRW
Styrene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Tetrachloroethene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Toluene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Total Xylenes	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
trans-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Trichloroethene	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
Vinyl chloride	ND		10	UG/KG	95-1	09/19/2002	03:25	JRW
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
1,2-Dichlorobenzene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
1,3-Dichlorobenzene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
1,4-Dichlorobenzene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2,2'-Oxybis(1-Chloropropane)	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2,4,5-Trichlorophenol	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
2,4,6-Trichlorophenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2,4-Dichlorophenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2,4-Dimethylphenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2,4-Dinitrophenol	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
2,4-Dinitrotoluene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2,6-Dinitrotoluene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2-Chloronaphthalene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2-Chlorophenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM

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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		
			Limit	Units		Analyzed	Analyst	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2-Methylphenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
2-Nitroaniline	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
2-Nitrophenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
3,3'-Dichlorobenzidine	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
3-Nitroaniline	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
4,6-Dinitro-2-methylphenol	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
4-Bromophenyl phenyl ether	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
4-Chloro-3-methylphenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
4-Chloroaniline	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
4-Chlorophenyl phenyl ether	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
4-Methylphenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
4-Nitroaniline	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
4-Nitrophenol	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
Acenaphthene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Acenaphthylene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Anthracene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Benzo(a)anthracene	20	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Benzo(a)pyrene	14	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Benzo(b)fluoranthene	20	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Benzo(ghi)perylene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Benzo(k)fluoranthene	13	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Bis(2-chloroethoxy) methane	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Bis(2-chloroethyl) ether	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Bis(2-ethylhexyl) phthalate	26	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Butyl benzyl phthalate	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Carbazole	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Chrysene	23	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Di-n-butyl phthalate	38	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Di-n-octyl phthalate	14	J	420	UG/KG	95-2	10/04/2002	00:23	PM
Dibenzo(a,h)anthracene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Dibenzofuran	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Diethyl phthalate	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Dimethyl phthalate	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Fluoranthene	45	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Fluorene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Hexachlorobenzene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Hexachlorobutadiene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Hexachlorocyclopentadiene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Hexachloroethane	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Indeno(1,2,3-cd)pyrene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Isophorone	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
N-Nitroso-Di-n-propylamine	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
N-nitrosodiphenylamine	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Naphthalene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Nitrobenzene	ND		420	UG/KG	95-2	10/04/2002	00:23	PM
Pentachlorophenol	ND		1000	UG/KG	95-2	10/04/2002	00:23	PM
Peranthrene	18	BJ	420	UG/KG	95-2	10/04/2002	00:23	PM
Phenol	ND		420	UG/KG	95-2	10/04/2002	00:23	PM

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
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Roblin Steel Site SI/RAR - Soil/Test Borings

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Rept: AN1178

Sample ID: RSS-TB1-D24-S-0
Lab Sample ID: A2912606
Date Collected: 09/13/2002
Time Collected: 12:00

Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
Pyrene	35	BJ	420	UG/KG	95-2	10/04/2002 00:23	PM
Wet Chemistry Analysis							
Leachable pH	7.62		0	S.U.	9045	09/16/2002 17:10	KS

Sample ID: RSS-TB1-D24-S-0
 Lab Sample ID: A2912606RE
 Collected: 09/13/2002
 Time Collected: 12:00

Date Received: 09/13/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
1,2-Dichlorobenzene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
1,3-Dichlorobenzene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
1,4-Dichlorobenzene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2,2'-Oxybis(1-Chloropropane)	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2,4,5-Trichlorophenol	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
2,4,6-Trichlorophenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2,4-Dichlorophenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2,4-Dimethylphenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2,4-Dinitrophenol	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
2,4-Dinitrotoluene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2,6-Dinitrotoluene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2-Chloronaphthalene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2-Chlorophenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2-Methylnaphthalene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2-Methylphenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
2-Nitroaniline	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
2-Nitrophenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
3,3'-Dichlorobenzidine	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
3-Nitroaniline	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
4,6-Dinitro-2-methylphenol	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
4-Bromophenyl phenyl ether	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
4-Chloro-3-methylphenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
4-Chloroaniline	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
4-Chlorophenyl phenyl ether	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
4-Methylphenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
4-Nitroaniline	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
4-Nitrophenol	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
Acenaphthene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Acenaphthylene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Anthracene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Benzo(a)anthracene	26	J	350	UG/KG	95-2	10/08/2002	23:08	PM
Benzo(a)pyrene	21	J	350	UG/KG	95-2	10/08/2002	23:08	PM
Benzo(b)fluoranthene	54	J	350	UG/KG	95-2	10/08/2002	23:08	PM
Benzo(ghi)perylene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Benzo(k)fluoranthene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Bis(2-chloroethoxy) methane	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Bis(2-chloroethyl) ether	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Bis(2-ethylhexyl) phthalate	24	BJ	350	UG/KG	95-2	10/08/2002	23:08	PM
Butyl benzyl phthalate	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Carbazole	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Chrysene	34	J	350	UG/KG	95-2	10/08/2002	23:08	PM
Di-n-butyl phthalate	13	J	350	UG/KG	95-2	10/08/2002	23:08	PM
Di-n-octyl phthalate	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Dibenzo(a,h)anthracene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Dibenzofuran	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Diethyl phthalate	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Dimethyl phthalate	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Fluoranthene	46	J	350	UG/KG	95-2	10/08/2002	23:08	PM

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site S1/RAR - Soil/Test Borings

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Rept: AN1178

Sample ID: RSS-TB1-D24-S-0
Lab Sample ID: A2912606RE
Date Collected: 09/13/2002
Time Collected: 12:00

Date Received: 09/13/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Hexachlorobenzene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Hexachlorobutadiene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Hexachlorocyclopentadiene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Hexachloroethane	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Indeno(1,2,3-cd)pyrene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Isophorone	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
N-Nitroso-Di-n-propylamine	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
N-nitrosodiphenylamine	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Naphthalene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Nitrobenzene	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Pentachlorophenol	ND		860	UG/KG	95-2	10/08/2002	23:08	PM
Phenanthrene	25	J	350	UG/KG	95-2	10/08/2002	23:08	PM
Phenol	ND		350	UG/KG	95-2	10/08/2002	23:08	PM
Pyrene	40	J	350	UG/KG	95-2	10/08/2002	23:08	PM

Sample ID: RSS-TB10-D810-S-0

Date Received: 09/24/2002

Sample ID: A2950801

Project No: NY2A8931

Date Collected: 09/23/2002

Client No: 511679

Time Collected: 09:50

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,1-Dichloroethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,1-Dichloroethene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,2-Dichloroethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,2-Dichloroethene (Total)	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
1,2-Dichloropropane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
2-Butanone	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
2-Hexanone	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Acetone	2	BJ	11	UG/KG	95-1	09/30/2002	14:28	DGP
Benzene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Bromodichloromethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Bromoform	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Bromomethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Carbon Disulfide	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Carbon Tetrachloride	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Chlorobenzene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Chloroethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Chloroform	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Chloromethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Dibromochloromethane	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Ethylbenzene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Methylene chloride	6	BJ	11	UG/KG	95-1	09/30/2002	14:28	DGP
Styrene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Tetrachloroethene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Toluene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Total Xylenes	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Trichloroethene	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
Vinyl chloride	ND		11	UG/KG	95-1	09/30/2002	14:28	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
1,2-Dichlorobenzene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
1,3-Dichlorobenzene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
1,4-Dichlorobenzene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2,2'-Oxybis(1-Chloropropane)	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2,4,5-Trichlorophenol	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
2,4,6-Trichlorophenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2,4-Dichlorophenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2,4-Dimethylphenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2,4-Dinitrophenol	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
2,4-Dinitrotoluene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2,6-Dinitrotoluene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2-Chloronaphthalene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2-Chlorophenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM

Sample ID: RSS-TB10-D810-S-0
 Lab Sample ID: A2950801
 Date Collected: 09/23/2002
 Time Collected: 09:50

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
2-Methylnaphthalene	29	J	350	UG/KG	95-2	10/09/2002	14:29	PM
2-Methylphenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
2-Nitroaniline	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
2-Nitrophenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
3,3'-Dichlorobenzidine	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
3-Nitroaniline	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
4,6-Dinitro-2-methylphenol	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
4-Bromophenyl phenyl ether	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
4-Chloro-3-methylphenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
4-Chloroaniline	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
4-Chlorophenyl phenyl ether	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
4-Methylphenol	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
4-Nitroaniline	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
4-Nitrophenol	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
Acenaphthene	19	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Acenaphthylene	13	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Anthracene	49	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Benzo(a)anthracene	70	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Benzo(a)pyrene	53	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Benzo(b)fluoranthene	51	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Benzo(ghi)perylene	20	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Benzo(k)fluoranthene	48	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Bis(2-chloroethoxy) methane	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Bis(2-chloroethyl) ether	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Bis(2-ethylhexyl) phthalate	100	BJ	350	UG/KG	95-2	10/09/2002	14:29	PM
Butyl benzyl phthalate	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Carbazole	14	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Chrysene	140	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Di-n-butyl phthalate	20	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Di-n-octyl phthalate	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Dibenzo(a,h)anthracene	16	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Dibenzofuran	25	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Diethyl phthalate	16	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Dimethyl phthalate	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Fluoranthene	170	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Fluorene	38	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Hexachlorobenzene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Hexachlorobutadiene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Hexachlorocyclopentadiene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Hexachloroethane	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Indeno(1,2,3-cd)pyrene	31	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Isophorone	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
N-Nitroso-Di-n-propylamine	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
N-nitrosodiphenylamine	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Naphthalene	16	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Nitrobenzene	ND		350	UG/KG	95-2	10/09/2002	14:29	PM
Pentachlorophenol	ND		860	UG/KG	95-2	10/09/2002	14:29	PM
Phenanthrene	180	J	350	UG/KG	95-2	10/09/2002	14:29	PM
Phenol	22	J	350	UG/KG	95-2	10/09/2002	14:29	PM

Sample ID: RSS-TB10-D810-S-0
 Lab Sample ID: A2950801
 Date Collected: 09/23/2002
 Time Collected: 09:50

Date Received: 09/24/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	140	J	350	UG/KG	95-2	10/09/2002	14:29	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.6	UG/KG	95-3	10/15/2002		
4,4'-DDE	ND		3.6	UG/KG	95-3	10/15/2002		
4,4'-DDT	ND		3.6	UG/KG	95-3	10/15/2002		
Aldrin	ND		1.8	UG/KG	95-3	10/15/2002		
alpha-BHC	ND		1.8	UG/KG	95-3	10/15/2002		
alpha-Chlordane	ND		1.8	UG/KG	95-3	10/15/2002		
Aroclor 1016	ND		36	UG/KG	95-3	10/15/2002		
Aroclor 1221	ND		72	UG/KG	95-3	10/15/2002		
Aroclor 1232	ND		36	UG/KG	95-3	10/15/2002		
Aroclor 1242	ND		36	UG/KG	95-3	10/15/2002		
Aroclor 1248	ND		36	UG/KG	95-3	10/15/2002		
Aroclor 1254	ND		36	UG/KG	95-3	10/15/2002		
Aroclor 1260	ND		36	UG/KG	95-3	10/15/2002		
beta-BHC	ND		1.8	UG/KG	95-3	10/15/2002		
delta-BHC	ND		1.8	UG/KG	95-3	10/15/2002		
Dieldrin	ND		3.6	UG/KG	95-3	10/15/2002		
Endosulfan I	ND		1.8	UG/KG	95-3	10/15/2002		
Endosulfan II	ND		3.6	UG/KG	95-3	10/15/2002		
Endosulfan Sulfate	ND		3.6	UG/KG	95-3	10/15/2002		
Endrin	ND		3.6	UG/KG	95-3	10/15/2002		
Endrin aldehyde	ND		3.6	UG/KG	95-3	10/15/2002		
Endrin ketone	ND		3.6	UG/KG	95-3	10/15/2002		
gamma-BHC (Lindane)	ND		1.8	UG/KG	95-3	10/15/2002		
gamma-Chlordane	ND		1.8	UG/KG	95-3	10/15/2002		
Heptachlor	ND		1.8	UG/KG	95-3	10/15/2002		
Heptachlor epoxide	ND		1.8	UG/KG	95-3	10/15/2002		
Methoxychlor	ND		18	UG/KG	95-3	10/15/2002		
Toxaphene	ND		180	UG/KG	95-3	10/15/2002		

Metals Analysis

Aluminum - Total	8270	E	3.7	MG/KG	CLP-M	10/06/2002	21:04	
Antimony - Total	0.79	BN	0.61	MG/KG	CLP-M	10/06/2002	21:04	
Arsenic - Total	13.7	E	0.26	MG/KG	CLP-M	10/04/2002	04:19	
Barium - Total	109	E	0.02	MG/KG	CLP-M	10/04/2002	04:19	
Beryllium - Total	0.42	B	0.03	MG/KG	CLP-M	10/04/2002	04:19	
Cadmium - Total	0.24	B	0.03	MG/KG	CLP-M	10/04/2002	04:19	
Calcium - Total	18700	E*	2.3	MG/KG	CLP-M	10/04/2002	04:19	
Chromium - Total	11.6	EN	0.07	MG/KG	CLP-M	10/04/2002	04:19	
Cobalt - Total	11.1	E	0.17	MG/KG	CLP-M	10/04/2002	04:19	
Copper - Total	53.1	E*	0.07	MG/KG	CLP-M	10/06/2002	21:04	
Iron - Total	26300	E	1.6	MG/KG	CLP-M	10/04/2002	04:19	
Lead - Total	21.6	E	0.17	MG/KG	CLP-M	10/04/2002	04:19	
Magnesium - Total	5620	E	0.86	MG/KG	CLP-M	10/04/2002	04:19	
Manganese - Total	284	E	0.05	MG/KG	CLP-M	10/04/2002	04:19	
Mercury - Total	0.132	N	0.011	MG/KG	CLP-M	10/03/2002	20:04	
Nickel - Total	33.6	E*	0.53	MG/KG	CLP-M	10/04/2002	04:19	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

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Sample ID: RSS-TB10-D810-S-0
Lab Sample ID: A2950801
Date Collected: 09/23/2002
Time Collected: 09:50

Date Received: 09/24/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Metals Analysis								
Potassium - Total	1410	E	3.3	MG/KG	CLP-M	10/04/2002	04:19	
Selenium - Total	0.92		0.45	MG/KG	CLP-M	10/06/2002	21:04	
Silver - Total	0.15	B	0.10	MG/KG	CLP-M	10/04/2002	04:19	
Sodium - Total	116	B	26.0	MG/KG	CLP-M	10/04/2002	04:19	
Thallium - Total	1.2		0.41	MG/KG	CLP-M	10/04/2002	04:19	
Vanadium - Total	12.4	E	0.06	MG/KG	CLP-M	10/04/2002	04:19	
Zinc - Total	79.3	E	0.46	MG/KG	CLP-M	10/06/2002	21:04	
Wet Chemistry Analysis								
Cyanide - Total	0.61		0.50	MG/KG	CLP-WC	10/01/2002	11:35	NAP
Leachable pH	8.14		0	S.U.	9045	09/26/2002	15:54	KS

Sample ID: RSS-TB11-D26-S-0
 Lab Sample ID: A2961601
 Date Collected: 09/26/2002
 Time Collected: 09:30

Date Received: 09/27/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,1,2,2-Tetrachloroethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,1,2-Trichloroethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,1-Dichloroethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,1-Dichloroethene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,2-Dichloroethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,2-Dichloroethene (Total)	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
1,2-Dichloropropane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
2-Butanone	2	J	11	UG/KG	95-1	09/30/2002	15:03	DGP
2-Hexanone	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
4-Methyl-2-pentanone	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Acetone	15	B	11	UG/KG	95-1	09/30/2002	15:03	DGP
Benzene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Bromodichloromethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Bromoform	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Bromomethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Carbon Disulfide	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Carbon Tetrachloride	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Chlorobenzene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Chloroethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Chloroform	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Chloromethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
cis-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Dibromochloromethane	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Ethylbenzene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Methylene chloride	6	BJ	11	UG/KG	95-1	09/30/2002	15:03	DGP
Styrene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Tetrachloroethene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Toluene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Total Xylenes	5	J	11	UG/KG	95-1	09/30/2002	15:03	DGP
trans-1,3-Dichloropropene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Trichloroethene	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
Vinyl chloride	ND		11	UG/KG	95-1	09/30/2002	15:03	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
1,2-Dichlorobenzene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
1,3-Dichlorobenzene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
1,4-Dichlorobenzene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2,2'-Oxybis(1-Chloropropane)	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2,4,5-Trichlorophenol	ND		910	UG/KG	95-2	10/23/2002	18:14	PM
2,4,6-Trichlorophenol	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2,4-Dichlorophenol	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2,4-Dimethylphenol	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2,4-Dinitrophenol	ND		910	UG/KG	95-2	10/23/2002	18:14	PM
2,4-Dinitrotoluene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2,6-Dinitrotoluene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
1-Chloronaphthalene	ND		380	UG/KG	95-2	10/23/2002	18:14	PM
2-Chlorophenol	ND		380	UG/KG	95-2	10/23/2002	18:14	PM

Sample ID: RSS-TB11-D26-S-0
 Lab Sample ID: A2961601
 Date Collected: 09/26/2002
 Time Collected: 09:30

Date Received: 09/27/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW									
2-Methylnaphthalene	4900	E	380		UG/KG	95-2	10/23/2002	18:14	PM
2-Methylphenol	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
2-Nitroaniline	ND		910		UG/KG	95-2	10/23/2002	18:14	PM
2-Nitrophenol	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
3,3'-Dichlorobenzidine	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
3-Nitroaniline	ND		910		UG/KG	95-2	10/23/2002	18:14	PM
4,6-Dinitro-2-methylphenol	ND		910		UG/KG	95-2	10/23/2002	18:14	PM
4-Bromophenyl phenyl ether	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
4-Chloro-3-methylphenol	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
4-Chloroaniline	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
4-Chlorophenyl phenyl ether	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
4-Methylphenol	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
4-Nitroaniline	ND		910		UG/KG	95-2	10/23/2002	18:14	PM
4-Nitrophenol	ND		910		UG/KG	95-2	10/23/2002	18:14	PM
Acenaphthene	400		380		UG/KG	95-2	10/23/2002	18:14	PM
Acenaphthylene	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Anthracene	180	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Benzo(a)anthracene	96	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Benzo(a)pyrene	83	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Benzo(b)fluoranthene	160	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Benzo(ghi)perylene	73	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Benzo(k)fluoranthene	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Bis(2-chloroethoxy) methane	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Bis(2-chloroethyl) ether	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Bis(2-ethylhexyl) phthalate	310	BJ	380		UG/KG	95-2	10/23/2002	18:14	PM
Butyl benzyl phthalate	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Carbazole	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Chrysene	150	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Di-n-butyl phthalate	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Di-n-octyl phthalate	11	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Dibenzo(a,h)anthracene	25	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Dibenzofuran	330	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Diethyl phthalate	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Dimethyl phthalate	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Fluoranthene	230	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Fluorene	500		380		UG/KG	95-2	10/23/2002	18:14	PM
Hexachlorobenzene	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Hexachlorobutadiene	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Hexachlorocyclopentadiene	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Hexachloroethane	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Indeno(1,2,3-cd)pyrene	54	J	380		UG/KG	95-2	10/23/2002	18:14	PM
Isophorone	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
N-Nitroso-Di-n-propylamine	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
N-nitrosodiphenylamine	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Naphthalene	700		380		UG/KG	95-2	10/23/2002	18:14	PM
Nitrobenzene	ND		380		UG/KG	95-2	10/23/2002	18:14	PM
Pentachlorophenol	ND		910		UG/KG	95-2	10/23/2002	18:14	PM
Phenanthrene	1400		380		UG/KG	95-2	10/23/2002	18:14	PM
Phenol	ND		380		UG/KG	95-2	10/23/2002	18:14	PM

Sample ID: RSS-TB11-D26-S-0
 Lab Sample ID: A2961601
 Collected: 09/26/2002
 Time Collected: 09:30

Date Received: 09/27/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	240	J	380		UG/KG	95-2	10/23/2002 18:14	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		3.8		UG/KG	95-3	10/24/2002	
4,4'-DDE	ND		3.8		UG/KG	95-3	10/24/2002	
4,4'-DDT	ND		3.8		UG/KG	95-3	10/24/2002	
Aldrin	ND		2.0		UG/KG	95-3	10/24/2002	
alpha-BHC	ND		2.0		UG/KG	95-3	10/24/2002	
alpha-Chlordane	ND		2.0		UG/KG	95-3	10/24/2002	
Aroclor 1016	ND		38		UG/KG	95-3	10/24/2002	
Aroclor 1221	ND		78		UG/KG	95-3	10/24/2002	
Aroclor 1232	ND		38		UG/KG	95-3	10/24/2002	
Aroclor 1242	ND		38		UG/KG	95-3	10/24/2002	
Aroclor 1248	ND		38		UG/KG	95-3	10/24/2002	
Aroclor 1254	ND		38		UG/KG	95-3	10/24/2002	
Aroclor 1260	ND		38		UG/KG	95-3	10/24/2002	
beta-BHC	ND		2.0		UG/KG	95-3	10/24/2002	
delta-BHC	ND		2.0		UG/KG	95-3	10/24/2002	
Dieldrin	ND		3.8		UG/KG	95-3	10/24/2002	
Endosulfan I	ND		2.0		UG/KG	95-3	10/24/2002	
Endosulfan II	ND		3.8		UG/KG	95-3	10/24/2002	
Endosulfan Sulfate	ND		3.8		UG/KG	95-3	10/24/2002	
Endrin	ND		3.8		UG/KG	95-3	10/24/2002	
Endrin aldehyde	ND		3.8		UG/KG	95-3	10/24/2002	
Endrin ketone	ND		3.8		UG/KG	95-3	10/24/2002	
gamma-BHC (Lindane)	ND		2.0		UG/KG	95-3	10/24/2002	
gamma-Chlordane	ND		2.0		UG/KG	95-3	10/24/2002	
Heptachlor	ND		2.0		UG/KG	95-3	10/24/2002	
Heptachlor epoxide	ND		2.0		UG/KG	95-3	10/24/2002	
Methoxychlor	ND		20		UG/KG	95-3	10/24/2002	
Toxaphene	ND		200		UG/KG	95-3	10/24/2002	
Metals Analysis								
Aluminum - Total	12700	E	4.0		MG/KG	CLP-M	10/06/2002 21:58	
Antimony - Total	0.91	BN	0.66		MG/KG	CLP-M	10/06/2002 21:58	
Arsenic - Total	5.6	E	0.28		MG/KG	CLP-M	10/04/2002 05:11	
Barium - Total	99.7	E	0.02		MG/KG	CLP-M	10/04/2002 05:11	
Beryllium - Total	0.47	B	0.04		MG/KG	CLP-M	10/04/2002 05:11	
Cadmium - Total	0.20	B	0.04		MG/KG	CLP-M	10/04/2002 05:11	
Calcium - Total	5930	E*	2.5		MG/KG	CLP-M	10/04/2002 05:11	
Chromium - Total	18.1	EN	0.07		MG/KG	CLP-M	10/04/2002 05:11	
Cobalt - Total	12.2	E	0.18		MG/KG	CLP-M	10/04/2002 05:11	
Copper - Total	25.0	E*	0.07		MG/KG	CLP-M	10/06/2002 21:58	
Iron - Total	23100	E	1.7		MG/KG	CLP-M	10/04/2002 05:11	
Lead - Total	111	E	0.18		MG/KG	CLP-M	10/04/2002 05:11	
Magnesium - Total	3810	E	0.93		MG/KG	CLP-M	10/04/2002 05:11	
Manganese - Total	398	E	0.05		MG/KG	CLP-M	10/04/2002 05:11	
Mercury - Total	ND	N	0.011		MG/KG	CLP-M	10/03/2002 20:12	
Nickel - Total	29.7	E*	0.57		MG/KG	CLP-M	10/04/2002 05:11	

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site S1/RAR - Soil/Test Borings

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Rept: AN1178

Sample ID: RSS-TB11-D26-S-0
Lab Sample ID: A2961601
Date Collected: 09/26/2002
Time Collected: 09:30

Date Received: 09/27/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Potassium - Total	1250	E	3.6	MG/KG	CLP-M	10/04/2002	05:11	
Selenium - Total	0.60	B	0.49	MG/KG	CLP-M	10/06/2002	21:58	
Silver - Total	ND		0.11	MG/KG	CLP-M	10/04/2002	05:11	
Sodium - Total	79.5	B	28.2	MG/KG	CLP-M	10/04/2002	05:11	
Thallium - Total	1.1	B	0.44	MG/KG	CLP-M	10/04/2002	05:11	
Vanadium - Total	19.4	E	0.06	MG/KG	CLP-M	10/04/2002	05:11	
Zinc - Total	95.1	E	0.50	MG/KG	CLP-M	10/06/2002	21:58	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	10/05/2002	12:35	NAP
Leachable pH	7.79		0	S.U.	9045	09/30/2002	15:35	KS

Sample ID: RSS-TB11-D26-S-0 DL

Date Received: 09/27/2002

Lab Sample ID: A2961601DL

Project No: NY2A8931

Collected: 09/26/2002

Client No: 511679

Time Collected: 09:30

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
1,2-Dichlorobenzene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
1,3-Dichlorobenzene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
1,4-Dichlorobenzene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2,2'-Oxybis(1-Chloropropane)	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2,4,5-Trichlorophenol	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
2,4,6-Trichlorophenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2,4-Dichlorophenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2,4-Dimethylphenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2,4-Dinitrophenol	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
2,4-Dinitrotoluene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2,6-Dinitrotoluene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2-Chloronaphthalene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2-Chlorophenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2-Methylnaphthalene	4000	D	1900	UG/KG	95-2	10/24/2002	08:58	PM
2-Methylphenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
2-Nitroaniline	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
2-Nitrophenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
3,3'-Dichlorobenzidine	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
3-Nitroaniline	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
4,6-Dinitro-2-methylphenol	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
4-Bromophenyl phenyl ether	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
4-Chloro-3-methylphenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
4-Chloroaniline	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
4-Chlorophenyl phenyl ether	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
4-Methylphenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
4-Nitroaniline	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
4-Nitrophenol	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
Acenaphthene	370	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Acenaphthylene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Anthracene	160	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Benzo(a)anthracene	75	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Benzo(a)pyrene	59	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Benzo(b)fluoranthene	110	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Benzo(ghi)perylene	51	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Benzo(k)fluoranthene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Bis(2-chloroethoxy) methane	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Bis(2-chloroethyl) ether	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Bis(2-ethylhexyl) phthalate	250	BDJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Butyl benzyl phthalate	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Carbazole	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Chrysene	99	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Di-n-butyl phthalate	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Di-n-octyl phthalate	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Dibenzo(a,h)anthracene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Dibenzofuran	290	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Diethyl phthalate	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Dimethyl phthalate	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Fluoranthene	160	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000140

Rept: AN1178

Sample ID: RSS-TB11-D26-S-0 DL
Lab Sample ID: A2961601DL
Date Collected: 09/26/2002
Time Collected: 09:30

Date Received: 09/27/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Fluorene	460	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Hexachlorobenzene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Hexachlorobutadiene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Hexachlorocyclopentadiene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Hexachloroethane	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Indeno(1,2,3-cd)pyrene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Isophorone	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
N-Nitroso-Di-n-propylamine	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
N-nitrosodiphenylamine	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Naphthalene	480	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Nitrobenzene	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Pentachlorophenol	ND		4500	UG/KG	95-2	10/24/2002	08:58	PM
Phenanthrene	1100	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM
Phenol	ND		1900	UG/KG	95-2	10/24/2002	08:58	PM
Pyrene	200	DJ	1900	UG/KG	95-2	10/24/2002	08:58	PM

Sample ID: RSS-TB12-D04-S-0

Date Received: 09/27/2002

Lab Sample ID: A2961602

Project No: NY2A8931

Collected: 09/27/2002

Client No: 511679

Time Collected: 10:30

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,1,2-Trichloroethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,1-Dichloroethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,1-Dichloroethene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,2-Dichloroethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,2-Dichloroethene (Total)	16		10	UG/KG	95-1	09/30/2002	15:39	DGP
1,2-Dichloropropane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
2-Butanone	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
2-Hexanone	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
4-Methyl-2-pentanone	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Acetone	1	BJ	10	UG/KG	95-1	09/30/2002	15:39	DGP
Benzene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Bromodichloromethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Bromoform	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Bromomethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Carbon Disulfide	1	J	10	UG/KG	95-1	09/30/2002	15:39	DGP
Carbon Tetrachloride	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Chlorobenzene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Chloroethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Chloroform	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Chloromethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
cis-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Dibromochloromethane	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Ethylbenzene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Methylene chloride	5	BJ	10	UG/KG	95-1	09/30/2002	15:39	DGP
Styrene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Tetrachloroethene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Toluene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Total Xylenes	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
trans-1,3-Dichloropropene	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
Trichloroethene	1800	E	10	UG/KG	95-1	09/30/2002	15:39	DGP
Vinyl chloride	ND		10	UG/KG	95-1	09/30/2002	15:39	DGP
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
1,2-Dichlorobenzene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
1,3-Dichlorobenzene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
1,4-Dichlorobenzene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2,2'-Oxybis(1-Chloropropane)	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2,4,5-Trichlorophenol	ND		870	UG/KG	95-2	10/23/2002	18:49	PM
2,4,6-Trichlorophenol	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2,4-Dichlorophenol	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2,4-Dimethylphenol	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2,4-Dinitrophenol	ND		870	UG/KG	95-2	10/23/2002	18:49	PM
2,4-Dinitrotoluene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2,6-Dinitrotoluene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
Chloronaphthalene	ND		360	UG/KG	95-2	10/23/2002	18:49	PM
2-Chlorophenol	ND		360	UG/KG	95-2	10/23/2002	18:49	PM

Sample ID: RSS-TB12-D04-S-0
 Lab Sample ID: A2961602
 Date Collected: 09/27/2002
 Time Collected: 10:30

Date Received: 09/27/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	360		360	UG/KG	95-2	10/23/2002 18:49	PM
2-Methylphenol	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
2-Nitroaniline	ND		870	UG/KG	95-2	10/23/2002 18:49	PM
2-Nitrophenol	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
3,3'-Dichlorobenzidine	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
3-Nitroaniline	ND		870	UG/KG	95-2	10/23/2002 18:49	PM
4,6-Dinitro-2-methylphenol	ND		870	UG/KG	95-2	10/23/2002 18:49	PM
4-Bromophenyl phenyl ether	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
4-Chloro-3-methylphenol	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
4-Chloroaniline	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
4-Chlorophenyl phenyl ether	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
4-Methylphenol	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
4-Nitroaniline	ND		870	UG/KG	95-2	10/23/2002 18:49	PM
4-Nitrophenol	ND		870	UG/KG	95-2	10/23/2002 18:49	PM
Acenaphthene	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Acenaphthylene	53	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Anthracene	67	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Benzo(a)anthracene	490		360	UG/KG	95-2	10/23/2002 18:49	PM
Benzo(a)pyrene	380		360	UG/KG	95-2	10/23/2002 18:49	PM
Benzo(b)fluoranthene	690		360	UG/KG	95-2	10/23/2002 18:49	PM
Benzo(ghi)perylene	190	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Benzo(k)fluoranthene	340	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Bis(2-chloroethoxy) methane	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Bis(2-chloroethyl) ether	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Bis(2-ethylhexyl) phthalate	1100	B	360	UG/KG	95-2	10/23/2002 18:49	PM
Butyl benzyl phthalate	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Carbazole	52	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Chrysene	650		360	UG/KG	95-2	10/23/2002 18:49	PM
Di-n-butyl phthalate	37	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Di-n-octyl phthalate	21	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Dibenzo(a,h)anthracene	100	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Dibenzofuran	100	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Diethyl phthalate	17	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Dimethyl phthalate	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Fluoranthene	980		360	UG/KG	95-2	10/23/2002 18:49	PM
Fluorene	40	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Hexachlorobenzene	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Hexachlorobutadiene	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Hexachlorocyclopentadiene	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Hexachloroethane	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Indeno(1,2,3-cd)pyrene	200	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Isophorone	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
N-Nitroso-Di-n-propylamine	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
N-nitrosodiphenylamine	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Naphthalene	150	J	360	UG/KG	95-2	10/23/2002 18:49	PM
Nitrobenzene	ND		360	UG/KG	95-2	10/23/2002 18:49	PM
Pentachlorophenol	ND		870	UG/KG	95-2	10/23/2002 18:49	PM
Phenanthrene	630		360	UG/KG	95-2	10/23/2002 18:49	PM
Phenol	ND		360	UG/KG	95-2	10/23/2002 18:49	PM

Sample ID: RSS-TB12-D04-S-0

Date Received: 09/27/2002

Sample ID: A2961602

Project No: NY2A8931

Collected: 09/27/2002

Client No: 511679

Time Collected: 10:30

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	680		360	UG/KG	95-2	10/23/2002	18:49	PM
TVGA - SOIL-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		14	UG/KG	95-3	10/24/2002		
4,4'-DDE	12	JP	14	UG/KG	95-3	10/24/2002		
4,4'-DDT	38	P	14	UG/KG	95-3	10/24/2002		
Aldrin	ND		7.4	UG/KG	95-3	10/24/2002		
alpha-BHC	ND		7.4	UG/KG	95-3	10/24/2002		
alpha-Chlordane	ND		7.4	UG/KG	95-3	10/24/2002		
Aroclor 1016	ND		140	UG/KG	95-3	10/24/2002		
Aroclor 1221	ND		290	UG/KG	95-3	10/24/2002		
Aroclor 1232	ND		140	UG/KG	95-3	10/24/2002		
Aroclor 1242	ND		140	UG/KG	95-3	10/24/2002		
Aroclor 1248	ND		140	UG/KG	95-3	10/24/2002		
Aroclor 1254	290		140	UG/KG	95-3	10/24/2002		
Aroclor 1260	ND		140	UG/KG	95-3	10/24/2002		
beta-BHC	ND		7.4	UG/KG	95-3	10/24/2002		
delta-BHC	ND		7.4	UG/KG	95-3	10/24/2002		
Dieldrin	10	JP	14	UG/KG	95-3	10/24/2002		
Endosulfan I	ND		7.4	UG/KG	95-3	10/24/2002		
Endosulfan II	ND		14	UG/KG	95-3	10/24/2002		
Endosulfan Sulfate	ND		14	UG/KG	95-3	10/24/2002		
Endrin	ND		14	UG/KG	95-3	10/24/2002		
Endrin aldehyde	ND		14	UG/KG	95-3	10/24/2002		
Endrin ketone	ND		14	UG/KG	95-3	10/24/2002		
gamma-BHC (Lindane)	ND		7.4	UG/KG	95-3	10/24/2002		
gamma-Chlordane	ND		7.4	UG/KG	95-3	10/24/2002		
Heptachlor	ND		7.4	UG/KG	95-3	10/24/2002		
Heptachlor epoxide	ND		7.4	UG/KG	95-3	10/24/2002		
Methoxychlor	13	JP	74	UG/KG	95-3	10/24/2002		
Toxaphene	ND		740	UG/KG	95-3	10/24/2002		
Metals Analysis								
Aluminum - Total	13500	E	3.5	MG/KG	CLP-M	10/06/2002	22:02	
Antimony - Total	2.2	BN	0.59	MG/KG	CLP-M	10/06/2002	22:02	
Arsenic - Total	23.4	E	0.25	MG/KG	CLP-M	10/04/2002	05:15	
Barium - Total	143	E	0.02	MG/KG	CLP-M	10/04/2002	05:15	
Beryllium - Total	2.6		0.03	MG/KG	CLP-M	10/04/2002	05:15	
Cadmium - Total	0.89		0.03	MG/KG	CLP-M	10/04/2002	05:15	
Calcium - Total	76600	E*	11.0	MG/KG	CLP-M	10/16/2002	20:04	
Chromium - Total	19.8	EN	0.07	MG/KG	CLP-M	10/04/2002	05:15	
Cobalt - Total	7.6	E	0.16	MG/KG	CLP-M	10/04/2002	05:15	
Copper - Total	60.3	E*	0.07	MG/KG	CLP-M	10/06/2002	22:02	
Iron - Total	24600	E	1.5	MG/KG	CLP-M	10/04/2002	05:15	
Lead - Total	126	E	0.16	MG/KG	CLP-M	10/04/2002	05:15	
Magnesium - Total	12700	E	0.83	MG/KG	CLP-M	10/04/2002	05:15	
Manganese - Total	1160	E	0.04	MG/KG	CLP-M	10/04/2002	05:15	
Mercury - Total	0.113	N	0.010	MG/KG	CLP-M	10/03/2002	20:14	
Nickel - Total	25.7	E*	0.51	MG/KG	CLP-M	10/04/2002	05:15	

DATE: 11/07/2002
Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000144

Rept: AN1178

Sample ID: RSS-TB12-D04-S-0
Lab Sample ID: A2961602
Date Collected: 09/27/2002
Time Collected: 10:30

Date Received: 09/27/2002
Project No: NY2A8931
Client No: 511679
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Potassium - Total	1330	E	3.2	MG/KG	CLP-M	10/04/2002	05:15	
Selenium - Total	1.3		0.44	MG/KG	CLP-M	10/06/2002	22:02	
Silver - Total	0.18	B	0.10	MG/KG	CLP-M	10/04/2002	05:15	
Sodium - Total	378	B	25.2	MG/KG	CLP-M	10/04/2002	05:15	
Thallium - Total	ND		0.39	MG/KG	CLP-M	10/04/2002	05:15	
Vanadium - Total	13.1	E	0.05	MG/KG	CLP-M	10/04/2002	05:15	
Zinc - Total	407	E	0.45	MG/KG	CLP-M	10/06/2002	22:02	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.50	MG/KG	CLP-WC	10/05/2002	12:35	NAP
Leachable pH	8.03		0	S.U.	9045	09/30/2002	15:35	KS

Sample ID: RSS-TB12-D04-S-ODL
 Lab Sample ID: A2961602DL
 Collected: 09/27/2002
 Time Collected: 10:30

Date Received: 09/27/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
TVGA - SOIL-ASP 95 - VOLATILES - LOW								
1,1,1-Trichloroethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,1,2,2-Tetrachloroethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,1,2-Trichloroethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,1-Dichloroethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,1-Dichloroethene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,2-Dichloroethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,2-Dichloroethene (Total)	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
1,2-Dichloropropane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
2-Butanone	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
2-Hexanone	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
4-Methyl-2-pentanone	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Acetone	3500	BDJ	27000	UG/KG	95-1	09/30/2002	22:31	JRW
Benzene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Bromodichloromethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Bromoform	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Bromomethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Carbon Disulfide	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Carbon Tetrachloride	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Chlorobenzene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Chloroethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Chloroform	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Chloromethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
cis-1,3-Dichloropropene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Dibromochloromethane	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Ethylbenzene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Methylene chloride	23000	BDJ	27000	UG/KG	95-1	09/30/2002	22:31	JRW
Styrene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Tetrachloroethene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Toluene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Total Xylenes	8400	DJ	27000	UG/KG	95-1	09/30/2002	22:31	JRW
trans-1,3-Dichloropropene	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW
Trichloroethene	200000	D	27000	UG/KG	95-1	09/30/2002	22:31	JRW
Vinyl chloride	ND		27000	UG/KG	95-1	09/30/2002	22:31	JRW

Sample ID: RSS-TBXX-RB
 Lab Sample ID: A2917302
 Date Collected: 09/16/2002
 Time Collected: 13:45

Date Received: 09/16/2002
 Project No: NY2A8931
 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS-ASP 95 - VOLATILES								
1,1,1-Trichloroethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,1,2,2-Tetrachloroethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,1,2-Trichloroethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,1-Dichloroethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,1-Dichloroethene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,2-Dichloroethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,2-Dichloroethene (Total)	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
1,2-Dichloropropane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
2-Butanone	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
2-Hexanone	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
4-Methyl-2-pentanone	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Acetone	3	BJ	10	UG/L	95-1	09/19/2002	15:28	DGP
Benzene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Bromodichloromethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Bromoform	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Bromomethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Carbon Disulfide	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Carbon Tetrachloride	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Chlorobenzene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Chloroethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Chloroform	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Chloromethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
cis-1,3-Dichloropropene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Dibromochloromethane	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Ethylbenzene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Methylene chloride	4	BJ	10	UG/L	95-1	09/19/2002	15:28	DGP
Styrene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Tetrachloroethene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Toluene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Total Xylenes	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
trans-1,3-Dichloropropene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Trichloroethene	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
Vinyl chloride	ND		10	UG/L	95-1	09/19/2002	15:28	DGP
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
1,2,4-Trichlorobenzene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
1,2-Dichlorobenzene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
1,3-Dichlorobenzene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
1,4-Dichlorobenzene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2,2'-Oxybis(1-Chloropropane)	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2,4,5-Trichlorophenol	ND		24	UG/L	95-2	09/24/2002	17:36	PM
2,4,6-Trichlorophenol	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2,4-Dichlorophenol	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2,4-Dimethylphenol	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2,4-Dinitrophenol	ND		24	UG/L	95-2	09/24/2002	17:36	PM
2,4-Dinitrotoluene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2,6-Dinitrotoluene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2-Chloronaphthalene	ND		10	UG/L	95-2	09/24/2002	17:36	PM
2-Chlorophenol	ND		10	UG/L	95-2	09/24/2002	17:36	PM

Sample ID: RSS-TBXX-RB
 Lab Sample ID: A2917302
 Collected: 09/16/2002
 Time Collected: 13:45

Date Received: 09/16/2002
 Project No: NY2A8931
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 Site No:

Parameter	Result	Flag	Detection		Date/Time		Analyst
			Limit	Units	Method	Analyzed	
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW							
2-Methylnaphthalene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
2-Methylphenol	ND		10	UG/L	95-2	09/24/2002 17:36	PM
2-Nitroaniline	ND		24	UG/L	95-2	09/24/2002 17:36	PM
2-Nitrophenol	ND		10	UG/L	95-2	09/24/2002 17:36	PM
3,3'-Dichlorobenzidine	ND		10	UG/L	95-2	09/24/2002 17:36	PM
3-Nitroaniline	ND		24	UG/L	95-2	09/24/2002 17:36	PM
4,6-Dinitro-2-methylphenol	ND		24	UG/L	95-2	09/24/2002 17:36	PM
4-Bromophenyl phenyl ether	ND		10	UG/L	95-2	09/24/2002 17:36	PM
4-Chloro-3-methylphenol	ND		10	UG/L	95-2	09/24/2002 17:36	PM
4-Chloroaniline	ND		10	UG/L	95-2	09/24/2002 17:36	PM
4-Chlorophenyl phenyl ether	ND		10	UG/L	95-2	09/24/2002 17:36	PM
4-Methylphenol	ND		10	UG/L	95-2	09/24/2002 17:36	PM
4-Nitroaniline	ND		24	UG/L	95-2	09/24/2002 17:36	PM
4-Nitrophenol	ND		24	UG/L	95-2	09/24/2002 17:36	PM
Acenaphthene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Acenaphthylene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Anthracene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Benzo(a)anthracene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Benzo(a)pyrene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Benzo(b)fluoranthene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Benzo(ghi)perylene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Benzo(k)fluoranthene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Bis(2-chloroethoxy) methane	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Bis(2-chloroethyl) ether	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Bis(2-ethylhexyl) phthalate	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Butyl benzyl phthalate	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Carbazole	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Chrysene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Di-n-butyl phthalate	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Di-n-octyl phthalate	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Dibenzo(a,h)anthracene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Dibenzofuran	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Diethyl phthalate	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Dimethyl phthalate	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Fluoranthene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Fluorene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Hexachlorobenzene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Hexachlorobutadiene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Hexachlorocyclopentadiene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Hexachloroethane	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Isophorone	ND		10	UG/L	95-2	09/24/2002 17:36	PM
N-Nitroso-Di-n-propylamine	ND		10	UG/L	95-2	09/24/2002 17:36	PM
N-nitrosodiphenylamine	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Naphthalene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Nitrobenzene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Pentachlorophenol	ND		24	UG/L	95-2	09/24/2002 17:36	PM
Phenanthrene	ND		10	UG/L	95-2	09/24/2002 17:36	PM
Phenol	ND		10	UG/L	95-2	09/24/2002 17:36	PM

Time: 14:05:59

TVGA - Engineering & Surveying, P.C.
Roblin Steel Site SI/RAR - Soil/Test Borings

000148

Rept: AN1178

Sample ID: RSS-TBXX-RB

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Lab Sample ID: A2917302

Project No: NY2A8931

Date Collected: 09/16/2002

Client No: 511679

Time Collected: 13:45

Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
TVGA - AQUEOUS - ASP 95 - SEMIVOLATILES - LOW								
Pyrene	ND		10	UG/L	95-2	09/24/2002 17:36	PM	
TVGA - AQUEOUS-ASP 95 - PESTICIDES/AROCLORS								
4,4'-DDD	ND		0.098	UG/L	95-3	09/25/2002		
4,4'-DDE	ND		0.098	UG/L	95-3	09/25/2002		
4,4'-DDT	ND		0.098	UG/L	95-3	09/25/2002		
Aldrin	ND		0.049	UG/L	95-3	09/25/2002		
alpha-BHC	ND		0.049	UG/L	95-3	09/25/2002		
alpha-Chlordane	ND		0.049	UG/L	95-3	09/25/2002		
Aroclor 1016	ND		0.98	UG/L	95-3	09/25/2002		
Aroclor 1221	ND		2.0	UG/L	95-3	09/25/2002		
Aroclor 1232	ND		0.98	UG/L	95-3	09/25/2002		
Aroclor 1242	ND		0.98	UG/L	95-3	09/25/2002		
Aroclor 1248	ND		0.98	UG/L	95-3	09/25/2002		
Aroclor 1254	ND		0.98	UG/L	95-3	09/25/2002		
Aroclor 1260	ND		0.98	UG/L	95-3	09/25/2002		
beta-BHC	ND		0.049	UG/L	95-3	09/25/2002		
delta-BHC	ND		0.049	UG/L	95-3	09/25/2002		
Dieldrin	ND		0.098	UG/L	95-3	09/25/2002		
Endosulfan I	ND		0.049	UG/L	95-3	09/25/2002		
Endosulfan II	ND		0.098	UG/L	95-3	09/25/2002		
Endosulfan Sulfate	ND		0.098	UG/L	95-3	09/25/2002		
Endrin	ND		0.098	UG/L	95-3	09/25/2002		
Endrin aldehyde	ND		0.098	UG/L	95-3	09/25/2002		
Endrin ketone	ND		0.098	UG/L	95-3	09/25/2002		
gamma-BHC (Lindane)	ND		0.049	UG/L	95-3	09/25/2002		
gamma-Chlordane	ND		0.049	UG/L	95-3	09/25/2002		
Heptachlor	ND		0.049	UG/L	95-3	09/25/2002		
Heptachlor epoxide	ND		0.049	UG/L	95-3	09/25/2002		
Methoxychlor	ND		0.49	UG/L	95-3	09/25/2002		
Toxaphene	ND		4.9	UG/L	95-3	09/25/2002		
Metals Analysis								
Aluminum - Total	ND		32.5	UG/L	CLP-M	09/28/2002 02:35		
Antimony - Total	ND		5.4	UG/L	CLP-M	09/28/2002 02:35		
Arsenic - Total	ND		4.0	UG/L	CLP-M	09/28/2002 02:35		
Barium - Total	8.8	B	0.20	UG/L	CLP-M	09/28/2002 02:35		
Beryllium - Total	0.27	B	0.20	UG/L	CLP-M	09/28/2002 02:35		
Cadmium - Total	ND		0.30	UG/L	CLP-M	09/28/2002 02:35		
Calcium - Total	116	B	39.4	UG/L	CLP-M	09/28/2002 02:35		
Chromium - Total	ND		0.60	UG/L	CLP-M	09/28/2002 02:35		
Cobalt - Total	ND		0.50	UG/L	CLP-M	09/28/2002 02:35		
Copper - Total	ND		0.60	UG/L	CLP-M	09/28/2002 02:35		
Iron - Total	50.2	B	13.9	UG/L	CLP-M	09/28/2002 02:35		
Lead - Total	ND		2.3	UG/L	CLP-M	09/28/2002 02:35		
Magnesium - Total	ND		10.9	UG/L	CLP-M	09/28/2002 02:35		
Manganese - Total	ND		0.10	UG/L	CLP-M	09/28/2002 02:35		
Mercury - Total	ND		0.065	UG/L	CLP-M	09/25/2002 17:05		
Nickel - Total	ND		1.0	UG/L	CLP-M	09/28/2002 02:35		

STL Buffalo

Sample ID: RSS-TBXX-RB
 Lab Sample ID: A2917302
 Collected: 09/16/2002
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 Client No: 511679
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analized		
Metals Analysis								
Potassium - Total	36.7	B	20.6	UG/L	CLP-M	09/28/2002	02:35	
Selenium - Total	ND		4.0	UG/L	CLP-M	09/28/2002	02:35	
Silver - Total	ND		0.50	UG/L	CLP-M	09/28/2002	02:35	
Sodium - Total	ND		258	UG/L	CLP-M	09/28/2002	02:35	
Thallium - Total	ND		3.9	UG/L	CLP-M	09/28/2002	02:35	
Vanadium - Total	ND		0.70	UG/L	CLP-M	09/28/2002	02:35	
Zinc - Total	ND		4.1	UG/L	CLP-M	09/28/2002	02:35	
Wet Chemistry Analysis								
Cyanide - Total	ND		0.010	MG/L	CLP-WC	09/26/2002	09:00	NAP

ANALYTICAL REPORT

Job#: A03-0432,A03-0437,A03-0440,A03-0554,A03-0577,A03-0663,A03-1140,A03-1141

STL Project#: NY2A8931

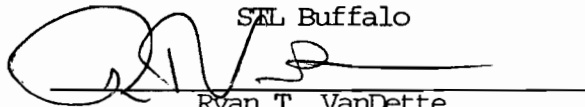
SDG#: 0432

Site Name: TVGA - ROBLIN STEEL SITE

Tasks: Roblin Steel Site SI/RAR - Concrete
Roblin Steel Site SI/RAR - Groundwater
Roblin Steel Site SI/RAR - Soil Probes/Test Pits
Roblin Steel Site SI/RAR - Surface Soil/Fill

Ms. Judy Harry
Data Validation Services
120 Cobble Creek Road
North Creek, NY 12853

STL Buffalo



Ryan T. VanDette
Project Manager

03/03/2003

This report contains _____ pages which are individually numbered.

Severn Trent Laboratories, Inc.

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SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3043201	RSS-MW07IF-GW-RS	01/14/2003	16:45	01/14/2003	19:15
A3043203	RSS-MWXX-IF-TB	01/14/2003	14:45	01/14/2003	19:15
A3057712	RSS-SP42-D45-S-0	01/17/2003	09:15	01/17/2003	21:35
A3057704	RSS-SP43-D45-S-0	01/17/2003	09:50	01/17/2003	21:35
A3057709	RSS-SP44-D46-S-0	01/17/2003	10:10	01/17/2003	21:35
A3057703	RSS-SP45-D04-S-0	01/17/2003	10:40	01/17/2003	21:35
A3057708	RSS-SP46-D04-S-0	01/17/2003	11:00	01/22/2003	14:10
A3057707	RSS-SP48-D04-S-0	01/17/2003	11:55	01/17/2003	21:35
A3057707MS	RSS-SP48-D04-S-0	01/17/2003	11:55	01/17/2003	21:35
A3057707SD	RSS-SP48-D04-S-0	01/17/2003	11:55	01/17/2003	21:35
A3057713	RSS-SP49-D48-S-0	01/17/2003	12:40	01/17/2003	21:35
A3057710	RSS-SP50-D46-S-0	01/17/2003	13:00	01/17/2003	21:35
A3057717	RSS-SP52-D48-S-0	01/17/2003	14:15	01/17/2003	21:35
A3057714	RSS-SP57-D04-S-0	01/17/2003	15:45	01/17/2003	21:35
A3057711	RSS-SP59-D48-S-0	01/17/2003	16:10	01/17/2003	21:35
A3057706	RSS-SP60-D48-S-0	01/17/2003	16:15	01/22/2003	14:10
A3057701	RSS-SP62-D48-S-0	01/17/2003	16:30	01/17/2003	21:35
A3057718	RSS-SPXX-RB	01/17/2003	11:20	01/17/2003	21:35
A3057719	RSS-SPXX-TB	01/17/2000		01/17/2003	21:35
A3055401	RSS-SS09-CC-0	01/15/2003	13:30	01/16/2003	18:35
A3043701	RSS-SS23-S-0	01/13/2003	10:30	01/15/2003	19:15
A3043702	RSS-SS24-S-0	01/13/2003	11:00	01/15/2003	19:15
A3044803	RSS-SS25-D12-S-0	01/13/2003	11:20	02/06/2003	16:00
A3043703	RSS-SS25-S-0	01/13/2003	11:20	01/15/2003	19:15
A3044804	RSS-SS26-D12-S-0	01/13/2003	11:40	02/06/2003	16:00
A3043704	RSS-SS26-S-0	01/13/2003	11:40	01/15/2003	19:15
A3043705	RSS-SS27-S-0	01/13/2003	12:10	01/15/2003	19:15
A3044806	RSS-SS28-D12-S-0	01/13/2003	12:30	02/06/2003	16:00
A3043706	RSS-SS28-S-0	01/13/2003	12:30	01/15/2003	19:15
A3043707MD	RSS-SS29-S-MD	01/13/2003	15:30	01/15/2003	19:15
A3043707MS	RSS-SS29-S-MS	01/13/2003	15:30	01/15/2003	19:15
A3043707	RSS-SS29-S-0	01/13/2003	12:45	01/15/2003	19:15
A3043708	RSS-SS30-S-0	01/13/2003	14:10	01/15/2003	19:15
A3044001	RSS-SS31-S-0	01/13/2003		01/15/2003	19:15
A3044002MS	RSS-SS32-S-MS	01/13/2003		01/15/2003	19:15
A3044002SD	RSS-SS32-S-MSD	01/13/2003		01/15/2003	19:15
A3044002	RSS-SS32-S-0	01/13/2003		01/15/2003	19:15
A3044003	RSS-SS33-S-0	01/14/2003	11:10	01/15/2003	19:15
A3044004	RSS-SS34-S-0	01/14/2003	11:30	01/15/2003	19:15
A3044005	RSS-SS35-S-0	01/14/2003	11:40	01/15/2003	19:15
A3044006	RSS-SS36-S-0	01/14/2003	11:45	01/15/2003	19:15
A3044007	RSS-SS37-S-0	01/14/2003	12:10	01/15/2003	19:15
A3044812	RSS-SS38-D12-S-0	01/14/2003	12:30	02/06/2003	16:00
A3044008	RSS-SS38-S-0	01/14/2003	12:30	01/15/2003	19:15
A3043709	RSS-SS39-S-0	01/13/2003	13:55	01/15/2003	19:15
A3044009	RSS-SS39-S-0	01/14/2003	13:55	01/15/2003	19:15
A3043710	RSS-SS40-S-0	01/13/2003	14:50	01/15/2003	19:15
A3044010	RSS-SS40-S-0	01/14/2003	14:50	01/15/2003	19:15
A3044815	RSS-SS41-D12-S-0	01/14/2003	15:10	02/06/2003	16:00
A3043711MD	RSS-SS41-S-MD	01/13/2003	15:10	01/15/2003	19:15

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED		RECEIVED	
		DATE	TIME	DATE	TIME
A3043711MS	RSS-SS41-S-MS	01/13/2003	15:10	01/15/2003	19:15
A3044011MS	RSS-SS41-S-MS	01/14/2003	15:10	01/15/2003	19:15
A3044011SD	RSS-SS41-S-MSD	01/14/2003	15:10	01/15/2003	19:15
A3043711	RSS-SS41-S-O	01/13/2003	15:10	01/15/2003	19:15
A3044011	RSS-SS41-S-O	01/14/2003	15:10	01/15/2003	19:15
A3044816	RSS-SS42-D12-S-O	01/14/2003	15:45	02/06/2003	16:00
A3043712	RSS-SS42-S-O	01/13/2003	15:45	01/15/2003	19:15
A3044012	RSS-SS42-S-O	01/14/2003	15:45	01/15/2003	19:15
A3044817	RSS-SS43-D12-S-O	01/14/2003	16:10	02/06/2003	16:00
A3043713	RSS-SS43-S-O	01/13/2003	16:10	01/15/2003	19:15
A3044013	RSS-SS43-S-O	01/14/2003	16:10	01/15/2003	19:15
A3055402	RSS-SS44-S-0	01/15/2003	13:50	01/16/2003	18:35
A3055403	RSS-SS45-S-0	01/15/2003	14:00	01/16/2003	18:35
A3055404	RSS-SS46-S-0	01/15/2003	14:15	01/16/2003	18:35
A3055405	RSS-SS47-S-0	01/15/2003	08:30	01/16/2003	18:35
A3043202	RSS-SSXX-RB	01/14/2003	14:10	01/14/2003	19:15
A3057705	RSS-TP37-D23-S-0	01/16/2003	14:30	01/17/2003	21:35
A3057702	RSS-TP38-D23-S-0	01/16/2003	14:00	01/17/2003	21:35
A3057715	RSS-TP43-D14-S-0	01/16/2003	14:10	01/17/2003	21:35
A3057716	RSS-TP44-D14-S-0	01/16/2003	14:30	01/17/2003	21:35

METHODS SUMMARY

Job#: A03-0432,A03-0437,A03-0440,A03-0554,A03-0577,A03-0663,A03-1140,A03-1141

STL Project#: NY2A8931

SDG#: 0432

Site Name: TVGA - ROBLIN STEEL SITE

PARAMETER	ANALYTICAL METHOD
TVGA - ASP 95 - VOLATILES - S	ASP95 95-1
TVGA - ASP 95 - VOLATILES - W	ASP95 95-1
TVGA - ASP 95 - SEMIVOLATILES - S	ASP95 95-2
TVGA - ASP 95 - SEMIVOLATILES - W	ASP95 95-2
TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S	ASP95 8082
Aluminum - Total	ASP95 CLP-M
Antimony - Total	ASP95 CLP-M
Arsenic - Total	ASP95 CLP-M
Barium - Total	ASP95 CLP-M
Beryllium - Total	ASP95 CLP-M
Cadmium - Total	ASP95 CLP-M
Calcium - Total	ASP95 CLP-M
Chromium - Total	ASP95 CLP-M
Cobalt - Total	ASP95 CLP-M
Copper - Total	ASP95 CLP-M
Iron - Total	ASP95 CLP-M
Lead - Total	ASP95 CLP-M
Magnesium - Total	ASP95 CLP-M
Manganese - Total	ASP95 CLP-M
Mercury - Total	ASP95 CLP-M
Nickel - Total	ASP95 CLP-M
Potassium - Total	ASP95 CLP-M
Selenium - Total	ASP95 CLP-M
Silver - Total	ASP95 CLP-M
Sodium - Total	ASP95 CLP-M
Thallium - Total	ASP95 CLP-M
Vanadium - Total	ASP95 CLP-M
Zinc - Total	ASP95 CLP-M
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation, September 1995

NON-CONFORMANCE SUMMARY

Job#: A03-0432,A03-0437,A03-0440,A03-0554,A03-0577,A03-0663,A03-1140,A03-1141

STL Project#: NY2A8931

SDG#: 0432

Site Name: TVGA - ROBLIN STEEL SITE

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0432

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A03-0437

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A03-0440

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A03-0554

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

A03-0577

Sample Cooler(s) were received at the following temperature(s); 2 °C
One sample bottle was received broken for sample RSS-SPXX-RB for ASP VOA analysis.
Sufficient volume remained to complete the analysis.

A03-0663

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

A03-1140

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

A03-1141

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

GC/MS Volatile Data

All samples were preserved to a PH less than 2.

GC/MS Semivolatile Data

All surrogates were diluted out of sample RSS-SS33-S-ODL due to sample matrix and dilution effect.

The recovery of spiking compound 4-Nitrophenol was above quality control limits in the Matrix Spike Blank A3B0053301 and the Matrix Spike Blank Duplicate A3B0053302. Since the results would be considered biased high and there were no detections in the samples for this compound, no corrective action was required.

The recovery of spiking compound Pentachlorophenol was above quality control limits in the Matrix Spike Blank A3B0053301. Since the results would be considered biased high and there were no detections in the samples for this compound, no corrective action was required.

The recovery of spiking compound Pyrene was below quality control limits in samples Matrix Spike RSS-SS32-SMS and Matrix Spike Duplicate RSS-SS65-S-MSD due to matrix effects. However, the Matrix Spike Blank A3B0050501 and the Matrix Spike Duplicate A3B0050502 were both compliant for this compound. No corrective action was required.

The relative percent difference between the Matrix Spike RSS-SS32-MS and the Matrix Spike Blank RSS-SS32-MSD exceeded quality control criteria for Pyrene.

The relative percent difference between the Matrix Spike RSS-SS41-S-MS and the Matrix Spike Blank RSS-SS41-S-MSD exceeded quality control criteria for Pyrene. However, all individual recoveries were compliant.

Twice the required amount of internal standard was inadvertently added to the Method Blank A3B0075703. The calculations were adjusted accordingly.

The spike recoveries for 2,4-Dinitrotoluene, 4-Nitrophenol and Pentachlorophenol in the Matrix Spike Blank A20054201 and 2,4-Dinitrotoluene in the Matrix Spike Blank Duplicate A2B0054202 were above the method defined quality control limits. Since the results were biased high and the analytes were not detected in the sample, no corrective action was performed.

GC Extractable Data

For method 8082, some samples required dilution prior to analysis due to the high concentration of target analytes. The surrogates are diluted out of all sample extracts with a dilution factor of 10X or greater.

Sample RSS-SS45-S-0 analyzed for method 8082 required dilution due to the high concentration of target analytes. As a result of the extract dilutions and the presence of Aroclor 1248 and Aroclor 1260 in the base sample, the spike recoveries for the associated matrix spike and matrix spike duplicate of this sample can not be determined and are not reported. The spike recovery of the associated matrix spike blank is acceptable.

Metals Data

The following elements are not contained in the CLP spiking solution in samples RSS-SS29-S-MS, RSS-SS29-S-SD, RSS-SS41-S-MS, and RSS-SS41-S-SD: Aluminum, Calcium, Magnesium, Potassium, and Sodium.

The analyte Zinc (Soil) was detected in the Method Blank A3043715 at a level above the project established reporting limit. However, all samples had levels of Zinc greater than ten times that of the Method Blank value, therefore, no corrective action was necessary.

The recovery of Antimony, Cadmium, Copper, and Nickel fell below the quality control limits in sample RSS-SS29-S-MS. The recovery of Antimony, Cadmium, and Mercury fell below the quality control limits and the recovery of Barium fell above the quality control limits in sample RSS-SS29-S-SD. The LCS was acceptable for all elements.

The recovery of Chromium, Lead, Manganese, and Zinc fell below the quality control limits in sample RSS-SS29-S-MS. The recovery of Lead fell below the quality control limits and the recovery of Manganese and Zinc fell above the quality control limits in sample RSS-SS29-S-SD. The sample results were more than four times greater than the spike added, therefore, no qualifiers are needed. The LCS was acceptable for all elements.

The recovery of Antimony and Nickel fell below the quality control limits in sample RSS-SS41-S-MS and RSS-SS41-S-SD. The LCS was acceptable for all elements.

The recovery of Chromium, Copper, Lead, Mercury, and Zinc fell below the quality control limits and the recovery of Manganese fell above the quality control limits in sample RSS-SS41-S-MS. The recovery of Cadmium, Chromium, Copper, Lead, and Mercury fell below the quality control limits and the recovery of Manganese and Zinc fell above the quality control limits in sample RSS-SS41-S-SD. The sample results were more than four times greater than the spike added, therefore, no qualifiers are needed. The LCS was acceptable for all elements.

The relative percent difference between samples RSS-SS29-S-O and RSS-SS29-S-MD exceeded quality control criteria for Arsenic, Cadmium, Iron, Manganese, and Mercury. The relative percent difference between samples RSS-SS41-S-O and RSS-SS41-S-MD exceeded quality control criteria for Barium, Cadmium, Chromium, Copper, Iron, Nickel, Mercury, Sodium, and Zinc. The LCS was acceptable for all elements.

The relative percent difference between samples RSS-SS29-S-MS and RSS-SS29-S-SD exceeded quality control criteria for Barium, Cadmium, Chromium, Copper, Lead, Manganese, Nickel, Mercury, and Zinc. The LCS is acceptable for all elements.

The following elements are not contained in the CLP spiking solution in samples RSS-SS43-D12-S-O MS and RSS-SS43-D12-S-O SD: Aluminum, Calcium, Iron, Magnesium, Potassium, and Sodium.

The recovery of Antimony fell below the quality control limits and the recovery of Mercury fell above quality control limits in sample RSS-SS43-D12-S-O MS. The recovery of Antimony fell below quality control limits and the recovery of Mercury and Nickel fell above quality control limits in sample RSS-SS43-D12-S-O SD. The LCS was acceptable for all elements.

The recovery of Zinc fell below the quality control limits and the recovery of Cadmium, Chromium, Copper, Lead, Manganese fell above quality control limits in sample RSS-SS43-D12-S-O MS. The recovery of Manganese and Lead fell below the quality control limits and the recovery of Chromium and Zinc fell above the quality control limits in sample RSS-SS43-D12-S-O SD. The sample results were more than four times greater than the spike added, therefore, no qualifiers are needed. The LCS was acceptable for all elements.

The relative percent difference between samples RSS-SS43-D12-S-O MS and RSS-SS43-D12-S-O SD exceeded quality control criteria for Cadmium. The LCS was acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
RSS-MW071F-GW-RS	A3043201	95-1	5.00	008
RSS-MW071F-GW-RS DL	A3043201DL	95-1	20.00	008
RSS-SS23-S-O	A3043701	Zinc - Total	5.00	008
RSS-SS24-S-O	A3043702	Calcium - Total	20.00	008
RSS-SS24-S-O	A3043702	Iron - Total	20.00	008
RSS-SS24-S-O	A3043702	Manganese - Total	20.00	008
RSS-SS24-S-O	A3043702	Zinc - Total	50.00	008
RSS-SS25-S-O	A3043703	Iron - Total	20.00	008
RSS-SS25-S-O	A3043703	Manganese - Total	20.00	008
RSS-SS25-S-O	A3043703	Zinc - Total	100.00	008
RSS-SS26-S-O	A3043704	Calcium - Total	20.00	008
RSS-SS26-S-O	A3043704	Iron - Total	20.00	008
RSS-SS26-S-O	A3043704	Manganese - Total	50.00	008
RSS-SS26-S-O	A3043704	Zinc - Total	200.00	008
RSS-SS27-S-O	A3043705	Calcium - Total	10.00	008
RSS-SS27-S-O	A3043705	Iron - Total	10.00	008
RSS-SS27-S-O	A3043705	Manganese - Total	20.00	008
RSS-SS27-S-O	A3043705	Zinc - Total	20.00	008
RSS-SS28-S-O	A3043706	Iron - Total	50.00	008
RSS-SS28-S-O	A3043706	Manganese - Total	50.00	008
RSS-SS28-S-O	A3043706	Zinc - Total	300.00	008
RSS-SS29-S-O	A3043707	Calcium - Total	20.00	008
RSS-SS29-S-O	A3043707	Manganese - Total	20.00	008
RSS-SS29-S-O	A3043707	Zinc - Total	20.00	008
RSS-SS29-S-MD	A3043707MD	Calcium - Total	20.00	008
RSS-SS29-S-MD	A3043707MD	Iron - Total	20.00	008
RSS-SS29-S-MD	A3043707MD	Manganese - Total	20.00	008
RSS-SS29-S-MD	A3043707MD	Zinc - Total	20.00	008
RSS-SS29-S-MS	A3043707MS	Manganese - Total	20.00	008
RSS-SS29-S-MS	A3043707MS	Zinc - Total	20.00	008
RSS-SS29-S-O	A3043707SD	Manganese - Total	20.00	008
RSS-SS29-S-O	A3043707SD	Zinc - Total	20.00	008
RSS-SS30-S-O	A3043708	Calcium - Total	10.00	008
RSS-SS30-S-O	A3043708	Iron - Total	50.00	008
RSS-SS30-S-O	A3043708	Manganese - Total	10.00	008
RSS-SS30-S-O	A3043708	Zinc - Total	10.00	008
RSS-SS39-S-O	A3043709	Manganese - Total	10.00	008
RSS-SS39-S-O	A3043709	Zinc - Total	20.00	008
RSS-SS40-S-O	A3043710	Calcium - Total	20.00	008
RSS-SS40-S-O	A3043710	Iron - Total	20.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SS40-S-O	A3043710	Manganese - Total	20.00	008
RSS-SS40-S-O	A3043710	Zinc - Total	50.00	008
RSS-SS41-S-O	A3043711	Calcium - Total	50.00	008
RSS-SS41-S-O	A3043711	Iron - Total	50.00	008
RSS-SS41-S-O	A3043711	Manganese - Total	50.00	008
RSS-SS41-S-O	A3043711	Zinc - Total	250.00	008
RSS-SS41-S-MD	A3043711MD	Calcium - Total	50.00	008
RSS-SS41-S-MD	A3043711MD	Iron - Total	50.00	008
RSS-SS41-S-MD	A3043711MD	Manganese - Total	50.00	008
RSS-SS41-S-MD	A3043711MD	Zinc - Total	250.00	008
RSS-SS41-S-MS	A3043711MS	Manganese - Total	50.00	008
RSS-SS41-S-MS	A3043711MS	Zinc - Total	250.00	008
RSS-SS41-S-O	A3043711SD	Manganese - Total	50.00	008
RSS-SS41-S-O	A3043711SD	Zinc - Total	250.00	008
RSS-SS42-S-O	A3043712	Calcium - Total	10.00	008
RSS-SS42-S-O	A3043712	Iron - Total	50.00	008
RSS-SS42-S-O	A3043712	Manganese - Total	10.00	008
RSS-SS42-S-O	A3043712	Zinc - Total	100.00	008
RSS-SS43-S-O	A3043713	Calcium - Total	10.00	008
RSS-SS43-S-O	A3043713	Iron - Total	50.00	008
RSS-SS43-S-O	A3043713	Manganese - Total	10.00	008
RSS-SS43-S-O	A3043713	Zinc - Total	250.00	008
RSS-SS31-S-O	A3044001	95-2	5.00	012
RSS-SS32-S-O	A3044002	95-2	5.00	012
RSS-SS32-S-MS	A3044002MS	95-2	5.00	012
RSS-SS32-S-MSD	A3044002SD	95-2	5.00	012
RSS-SS33-S-O	A3044003	95-2	25.00	012
RSS-SS33-S-O DL	A3044003DL	95-2	125.00	008
RSS-SS34-S-O	A3044004	95-2	25.00	012
RSS-SS34-S-O DL	A3044004DL	95-2	50.00	008
RSS-SS35-S-O	A3044005	95-2	5.00	012
RSS-SS36-S-O	A3044006	95-2	25.00	012
RSS-SS37-S-O	A3044007	95-2	5.00	012
RSS-SS38-S-O	A3044008	95-2	25.00	012
RSS-SS39-S-O	A3044009	95-2	5.00	012
RSS-SS40-S-O	A3044010	95-2	5.00	012
RSS-SS41-S-O	A3044011	95-2	5.00	012
RSS-SS41-S-MS	A3044011MS	95-2	5.00	012
RSS-SS41-S-MSD	A3044011SD	95-2	5.00	012
RSS-SS42-S-O	A3044012	95-2	5.00	012

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- 003 - excessive foaming
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- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SS43-S-0	A3044013	95-2	5.00	012
RSS-SS25-D12-S-0	A3044803	Zinc - Total	20.00	008
RSS-SS26-D12-S-0	A3044804	Calcium - Total	20.00	008
RSS-SS26-D12-S-0	A3044804	Zinc - Total	20.00	008
RSS-SS28-D12-S-0	A3044806	Zinc - Total	20.00	008
RSS-SS38-D12-S-0	A3044812	95-2	5.00	008
RSS-SS41-D12-S-0	A3044815	Manganese - Total	20.00	008
RSS-SS41-D12-S-0	A3044815	Zinc - Total	50.00	008
RSS-SS42-D12-S-0	A3044816	Calcium - Total	20.00	008
RSS-SS42-D12-S-0	A3044816	Manganese - Total	20.00	008
RSS-SS42-D12-S-0	A3044816	Zinc - Total	20.00	008
RSS-SS43-D12-S-0	A3044817	Calcium - Total	500.00	008
RSS-SS43-D12-S-0	A3044817	Iron - Total	500.00	008
RSS-SS43-D12-S-0	A3044817	Manganese - Total	20.00	008
RSS-SS43-D12-S-0	A3044817	Zinc - Total	500.00	008
RSS-SS43-D12-S-0	A3044817MS	Manganese - Total	20.00	008
RSS-SS43-D12-S-0	A3044817MS	Zinc - Total	500.00	008
RSS-SS43-D12-S-0	A3044817SD	Manganese - Total	20.00	008
RSS-SS43-D12-S-0	A3044817SD	Zinc - Total	500.00	008
RSS-SS09-CC-0	A3055401	8082	100.00	008
RSS-SS44-S-0	A3055402	8082	50.00	008
RSS-SS45-S-0	A3055403	8082	5.00	008
RSS-SS45-S-0	A3055403MS	8082	5.00	008
RSS-SS45-S-0	A3055403SD	8082	5.00	008
RSS-SS46-S-0	A3055404	8082	50.00	008
RSS-TP37-D23-S-0	A3057705	95-2	5.00	008
RSS-SP46-D04-S-0 DL	A3057708DL	95-1	20.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- † Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 03/03/2003
Time: 16:24:44

TVGA Consultants
Roblin Steel Site SI/RAR - Groundwater
TVGA - ASP 95 - VOLATILES - W

Rept: AN0326

Client ID Job No Sample Date	Lab ID	RSS-MM071F-GW-RS A03-0432 01/14/2003	RSS-MM071F-GW-RS DL A3043201 01/14/2003	RSS-MMXX-1F-TB A03-0432 01/14/2003	RSS-SPXX-RB A03-0577 01/17/2003	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acetone	UG/L	ND	50	ND	10	ND
Bromodichloromethane	UG/L	ND	50	ND	10	ND
Bromoform	UG/L	ND	50	ND	10	ND
Bromomethane	UG/L	ND	50	ND	10	ND
2-Butanone	UG/L	ND	50	ND	10	ND
Carbon Disulfide	UG/L	ND	50	ND	10	ND
Carbon Tetrachloride	UG/L	ND	50	ND	10	ND
Chloroethane	UG/L	ND	50	ND	10	ND
Chloroform	UG/L	ND	50	ND	10	ND
Chloromethane	UG/L	ND	50	ND	10	ND
cis-1,3-Dichloropropene	UG/L	ND	50	ND	10	ND
Dibromochloromethane	UG/L	ND	50	ND	10	ND
1,1-Dichloroethane	UG/L	ND	50	ND	10	ND
1,2-Dichloroethane	UG/L	ND	50	ND	10	ND
1,1,1-Trichloroethane	UG/L	12 J	50	ND	10	ND
1,2-Dichloroethene (Total)	UG/L	2200 E	50	2000 D	10	ND
1,2-Dichloropropane	UG/L	ND	50	ND	10	ND
2-Hexanone	UG/L	ND	50	ND	10	ND
Methylene chloride	UG/L	ND	50	ND	10	ND
4-Methyl-2-pentanone	UG/L	ND	50	ND	10	ND
Styrene	UG/L	ND	50	ND	10	ND
trans-1,3-Dichloropropene	UG/L	ND	50	ND	10	ND
Tetrachloroethene	UG/L	ND	50	ND	10	ND
1,1,2,2-Tetrachloroethane	UG/L	ND	50	ND	10	ND
1,1,1-Trichloroethane	UG/L	ND	50	ND	10	ND
1,1,2-Trichloroethane	UG/L	ND	50	ND	10	ND
Trichloroethene	UG/L	39 J	50	47 DJ	10	ND
Vinyl chloride	UG/L	780	50	720 D	10	ND
Benzene	UG/L	8 J	50	ND	10	ND
Chlorobenzene	UG/L	ND	50	ND	10	ND
Ethylbenzene	UG/L	ND	50	ND	10	ND
Toluene	UG/L	ND	50	ND	10	ND
Total Xylenes	UG/L	ND	50	ND	10	ND
IS/SURROGATE(S)						
Bromochloromethane	%	92	50-200	90	50-200	90
1,4-Difluorobenzene	%	91	50-200	87	50-200	90
Chlorobenzene-D5	%	93	50-200	87	50-200	92
p-Bromofluorobenzene	%	96	86-115	96	86-115	100
1,2-Dichloroethane-D4	%	102	76-114	103	76-114	103
Toluene-D8	%	99	88-110	101	88-110	102

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID	Lab ID	RSS-SP42-D45-S-0	RSS-SP43-D45-S-0	RSS-SP44-D46-S-0	RSS-SP45-D04-S-0
Job No	A3057712	A3057704	A3057709	A3057703	A3057703
Sample Date	01/17/2003	01/17/2003	01/17/2003	01/17/2003	01/17/2003
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Chloromethane	UG/KG	ND	11	ND	12
Bromomethane	UG/KG	ND	11	ND	12
Vinyl chloride	UG/KG	ND	11	ND	12
Chloroethane	UG/KG	ND	11	ND	12
Methylene chloride	UG/KG	ND	11	ND	12
Acetone	UG/KG	7 J	11	4 J	12
Carbon Disulfide	UG/KG	ND	11	ND	12
1,1-Dichloroethane	UG/KG	ND	11	ND	12
1,1-Dichloroethane	UG/KG	ND	11	ND	12
1,2-Dichloroethane (Total)	UG/KG	ND	11	ND	12
Chloroform	UG/KG	ND	11	ND	12
1,2-Dichloroethane	UG/KG	ND	11	ND	12
2-Butanone	UG/KG	ND	11	ND	12
1,1,1-Trichloroethane	UG/KG	ND	11	ND	12
Carbon Tetrachloride	UG/KG	ND	11	ND	12
Bromodichloromethane	UG/KG	ND	11	ND	12
1,2-Dichloropropane	UG/KG	ND	11	ND	12
cis-1,3-Dichloropropene	UG/KG	ND	11	ND	12
Trichloroethene	UG/KG	4 J	11	52	12
Dibromochloromethane	UG/KG	ND	11	ND	12
1,1,2-Trichloroethane	UG/KG	ND	11	ND	12
Benzene	UG/KG	ND	11	ND	12
trans-1,3-Dichloropropene	UG/KG	ND	11	ND	12
Bromoform	UG/KG	ND	11	ND	12
4-Methyl-2-pentanone	UG/KG	ND	11	ND	12
2-Hexanone	UG/KG	ND	11	ND	12
Tetrachloroethene	UG/KG	ND	11	ND	12
Toluene	UG/KG	ND	11	ND	12
1,1,2,2-Tetrachloroethane	UG/KG	ND	11	ND	12
Chlorobenzene	UG/KG	ND	11	ND	12
Ethylbenzene	UG/KG	ND	11	ND	12
Styrene	UG/KG	ND	11	ND	12
Total Xylenes	UG/KG	ND	11	ND	12
1,4-DIFLUOROBENZENE(S)	%	79	50-200	104	50-200
Bromochloromethane	%	78	50-200	103	50-200
1,4-Difluorobenzene	%	81	50-200	97	50-200
Chlorobenzene-D5	%	97	59-113	87	59-113
p-Bromofluorobenzene	%	108	70-121	92	70-121
1,2-Dichloroethane-D4	%	100	84-138	97	84-138
Toluene-D8	%	100	84-138	101	84-138

Date: 03/03/2003
Time: 16:24:44

TVGA Consultants
Roblin Steel Site SI/RAR - Soil Probes/Test Pits
TVGA - ASP 95 - VOLATILES - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	RSS-SP46-D04-S-0 A03-0663 01/17/2003	RSS-SP46-D04-S-0 DL A03-0663 01/17/2003	RSS-SP48-D04-S-0 A03-0577 01/17/2003	RSS-SP49-D48-S-0 A03-0577 01/17/2003
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Chloromethane	UG/KG	ND	1400	ND	11
Bromomethane	UG/KG	ND	1400	ND	11
Vinyl chloride	UG/KG	ND	1400	ND	11
Chloroethane	UG/KG	ND	1400	ND	11
Methylene chloride	UG/KG	ND	1400	ND	11
Acetone	UG/KG	ND	1400	ND	11
Carbon Disulfide	UG/KG	ND	1400	ND	11
1,1-Dichloroethane	UG/KG	ND	1400	ND	11
1,1-Dichloroethane	UG/KG	500 J	1400	ND	11
1,2-Dichloroethane (Total)	UG/KG	1900	1400	ND	11
Chloroform	UG/KG	ND	1400	ND	11
1,2-Dichloroethane	UG/KG	ND	1400	ND	11
2-Butanone	UG/KG	ND	1400	ND	11
1,1,1-Trichloroethane	UG/KG	ND	1400	ND	11
Carbon Tetrachloride	UG/KG	ND	1400	ND	11
Bromodichloromethane	UG/KG	ND	1400	ND	11
1,2-Dichloropropane	UG/KG	ND	1400	ND	11
cis-1,3-Dichloropropene	UG/KG	ND	1400	ND	11
Trichloroethene	UG/KG	280000 E	1400	ND	11
Dibromochloromethane	UG/KG	ND	1400	ND	11
1,1,2-Trichloroethane	UG/KG	ND	1400	ND	11
Benzene	UG/KG	ND	1400	ND	11
trans-1,3-Dichloropropene	UG/KG	ND	1400	ND	11
Bromoform	UG/KG	ND	1400	ND	11
4-Methyl-2-pentanone	UG/KG	ND	1400	ND	11
2-Hexanone	UG/KG	ND	1400	ND	11
Tetrachloroethene	UG/KG	ND	1400	ND	11
Toluene	UG/KG	ND	1400	ND	11
1,1,2,2-Tetrachloroethane	UG/KG	ND	1400	ND	11
Chlorobenzene	UG/KG	ND	1400	ND	11
Ethylbenzene	UG/KG	ND	1400	ND	11
Styrene	UG/KG	ND	1400	ND	11
Total Xylenes IS/SURROGATE(S)	UG/KG	ND	1400	ND	11
Bromochloromethane	%	88	50-200	99	50-200
1,4-Difluorobenzene	%	91	50-200	93	50-200
Chlorobenzene-D5	%	94	50-200	97	50-200
p-Bromofluorobenzene	%	99	59-113	92	59-113
1,2-Dichloroethane-D4	%	104	70-121	99	70-121
Toluene-D8	%	101	84-138	94	84-138

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/06/2003
Time: 16:24:--

TVGA Co. Inc. - ants
Roblin Steel Site S1/RAK - Soil Probes/Test Pits
TVGA - ASP 95 - VOLATILES - S

AN0326

Client ID Job No Sample Date	Lab ID	RSS-SP50-D46-S-0 A03-0577 01/17/2003	RSS-SP52-D48-S-0 A03-0577 01/17/2003	RSS-SP57-D04-S-0 A03-0577 01/17/2003	RSS-SP59-D48-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Chloromethane	UG/KG	12	ND	13	ND	12	ND	12	ND
Bromomethane	UG/KG	12	ND	13	ND	12	ND	12	ND
Vinyl chloride	UG/KG	12	ND	13	ND	12	ND	12	ND
Chloroethane	UG/KG	12	ND	13	ND	12	ND	12	ND
Methylene chloride	UG/KG	12	5 J	13	ND	12	ND	12	ND
Acetone	UG/KG	12	10 J	13	ND	12	53	12	15
Carbon Disulfide	UG/KG	12	ND	13	ND	12	ND	12	ND
1,1-Dichloroethene	UG/KG	12	ND	13	ND	12	ND	12	ND
1,1-Dichloroethane	UG/KG	12	ND	13	ND	12	ND	12	ND
1,2-Dichloroethene (Total)	UG/KG	12	6 J	13	ND	12	ND	12	ND
Chloroform	UG/KG	12	ND	13	ND	12	ND	12	ND
1,2-Dichloroethane	UG/KG	12	ND	13	ND	12	ND	12	ND
2-Butanone	UG/KG	12	ND	13	ND	12	11 J	12	ND
1,1,1-Trichloroethane	UG/KG	12	ND	13	ND	12	ND	12	ND
Carbon Tetrachloride	UG/KG	12	ND	13	ND	12	ND	12	ND
Bromodichloromethane	UG/KG	12	ND	13	ND	12	ND	12	ND
1,2-Dichloropropane	UG/KG	12	ND	13	ND	12	ND	12	ND
cis-1,3-Dichloropropene	UG/KG	12	ND	13	ND	12	ND	12	ND
Trichloroethene	UG/KG	12	22	13	ND	12	32	12	2 J
Dibromochloromethane	UG/KG	12	ND	13	ND	12	ND	12	ND
1,1,2-Trichloroethane	UG/KG	12	ND	13	ND	12	ND	12	ND
Benzene	UG/KG	12	ND	13	ND	12	ND	12	ND
trans-1,3-Dichloropropene	UG/KG	12	ND	13	ND	12	ND	12	ND
Bromoform	UG/KG	12	ND	13	ND	12	ND	12	ND
4-Methyl-2-pentanone	UG/KG	12	ND	13	ND	12	ND	12	ND
2-Hexanone	UG/KG	12	ND	13	ND	12	ND	12	ND
Tetrachloroethene	UG/KG	12	ND	13	ND	12	ND	12	ND
Toluene	UG/KG	12	ND	13	ND	12	ND	12	ND
1,1,2,2-Tetrachloroethane	UG/KG	12	ND	13	ND	12	2 J	12	ND
Chlorobenzene	UG/KG	12	ND	13	ND	12	ND	12	ND
Ethylbenzene	UG/KG	12	ND	13	ND	12	ND	12	ND
Styrene	UG/KG	12	ND	13	ND	12	ND	12	ND
Total Xylenes IS/SURROGATE(S)	UG/KG	12	ND	13	ND	12	ND	12	ND
Bromochloromethane	%	50-200	91	50-200	95	50-200	86	50-200	98
1,4-Difluorobenzene	%	50-200	97	50-200	90	50-200	93	50-200	88
Chlorobenzene-D5	%	50-200	95	50-200	89	50-200	92	50-200	91
p-Bromofluorobenzene	%	59-113	95	59-113	94	59-113	90	59-113	96
1,2-Dichloroethane-D4	%	70-121	100	70-121	99	70-121	101	70-121	99
Toluene-DB	%	84-138	100	84-138	100	84-138	95	84-138	99

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/03/2003
Time: 16:24:44

TVGA Consultants
Roblin Steel Site S1/RAR - Soil Probes/Test Pits
TVGA - ASP 95 - VOLATILES - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	RSS-SP60-048-S-0 A03-0663 01/17/2003	RSS-SP60-048-S-0 DL A3057706DL 01/17/2003	RSS-SP62-048-S-0 A03-0577 01/17/2003	RSS-TP37-D23-S-0 A03-0577 01/16/2003
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Chloromethane	UG/KG	ND	12	ND	12
Bromomethane	UG/KG	ND	12	ND	12
Vinyl chloride	UG/KG	1300 E	12	ND	12
Chloroethane	UG/KG	ND	12	ND	12
Methylene chloride	UG/KG	ND	12	ND	12
Acetone	UG/KG	16	12	42	12
Carbon Disulfide	UG/KG	ND	12	ND	12
1,1-Dichloroethene	UG/KG	77	12	ND	12
1,1-Dichloroethane	UG/KG	ND	12	ND	12
1,2-Dichloroethene (Total)	UG/KG	3500 E	12	ND	12
Chloroform	UG/KG	ND	12	ND	12
1,2-Dichloroethane	UG/KG	ND	12	ND	12
2-Butanone	UG/KG	ND	12	9 J	12
1,1,1-Trichloroethane	UG/KG	ND	12	ND	12
Carbon Tetrachloride	UG/KG	ND	12	ND	12
Bromodichloromethane	UG/KG	ND	12	ND	12
1,2-Dichloropropane	UG/KG	ND	12	ND	12
cis-1,3-Dichloropropene	UG/KG	ND	12	ND	12
Trichloroethene	UG/KG	13	12	8 J	12
Dibromochloromethane	UG/KG	ND	12	ND	12
1,1,2-Trichloroethane	UG/KG	ND	12	ND	12
Benzene	UG/KG	ND	12	ND	12
trans-1,3-Dichloropropene	UG/KG	ND	12	ND	12
Bromoform	UG/KG	ND	12	ND	12
4-Methyl-2-pentanone	UG/KG	ND	12	ND	12
2-Hexanone	UG/KG	ND	12	ND	12
Tetrachloroethene	UG/KG	ND	12	ND	12
Toluene	UG/KG	ND	12	2 J	12
1,1,2,2-Tetrachloroethane	UG/KG	ND	12	ND	12
Chlorobenzene	UG/KG	ND	12	ND	12
Ethylbenzene	UG/KG	ND	12	ND	12
Styrene	UG/KG	ND	12	ND	12
Total Xylenes	UG/KG	ND	12	ND	12
IS/SURROGATE(S)					
Bromochloromethane	%	105	50-200	79	50-200
1,4-Difluorobenzene	%	101	50-200	71	50-200
Chlorobenzene-D5	%	98	50-200	71	50-200
p-Bromofluorobenzene	%	95	59-113	98	59-113
1,2-Dichloroethane-D4	%	98	70-121	106	70-121
Toluene-D8	%	99	84-138	102	84-138

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/03
Time: 16:22:44

TVGA
Roblin Steel Site SI/Rsk - Soil Probes/Test Pits
TVGA - ASP 95 - VOLATILES - S

t: AN0326

Client ID	Lab ID	Units	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No			A3057702		A3057715		A3057716		
Sample Date			01/16/2003		01/16/2003		01/16/2003		
Analyte									
Chloromethane		UG/KG	13	ND	11	ND	12	NA	
Bromomethane		UG/KG	13	ND	11	ND	12	NA	
Vinyl chloride		UG/KG	13	ND	11	ND	12	NA	
Chloroethane		UG/KG	13	ND	11	ND	12	NA	
Methylene chloride		UG/KG	13	ND	11	ND	12	NA	
Acetone		UG/KG	13	20	11	ND	12	NA	
Carbon Disulfide		UG/KG	13	ND	11	ND	12	NA	
1,1-Dichloroethane		UG/KG	13	ND	11	ND	12	NA	
1,1-Dichloroethane		UG/KG	13	ND	11	ND	12	NA	
1,2-Dichloroethane (Total)		UG/KG	13	ND	11	ND	12	NA	
Chloroform		UG/KG	13	ND	11	ND	12	NA	
1,2-Dichloroethane		UG/KG	13	ND	11	ND	12	NA	
2-Butanone		UG/KG	13	ND	11	ND	12	NA	
1,1,1-Trichloroethane		UG/KG	13	ND	11	ND	12	NA	
Carbon Tetrachloride		UG/KG	13	ND	11	ND	12	NA	
Bromodichloromethane		UG/KG	13	ND	11	ND	12	NA	
1,2-Dichloropropane		UG/KG	13	ND	11	ND	12	NA	
cis-1,3-Dichloropropene		UG/KG	13	ND	11	ND	12	NA	
Trichloroethene		UG/KG	13	ND	11	ND	12	NA	
Dibromochloromethane		UG/KG	13	ND	11	ND	12	NA	
1,1,2-Trichloroethane		UG/KG	13	ND	11	ND	12	NA	
Benzene		UG/KG	13	ND	11	ND	12	NA	
trans-1,3-Dichloropropene		UG/KG	13	ND	11	ND	12	NA	
Bromoform		UG/KG	13	ND	11	ND	12	NA	
4-Methyl-2-pentanone		UG/KG	13	ND	11	ND	12	NA	
2-Hexanone		UG/KG	13	ND	11	ND	12	NA	
Tetrachloroethene		UG/KG	13	ND	11	ND	12	NA	
Toluene		UG/KG	13	ND	11	ND	12	NA	
1,1,2,2-Tetrachloroethane		UG/KG	13	ND	11	ND	12	NA	
Chlorobenzene		UG/KG	13	ND	11	ND	12	NA	
Ethylbenzene		UG/KG	13	ND	11	ND	12	NA	
Styrene		UG/KG	13	ND	11	ND	12	NA	
Total Xylenes		UG/KG	13	ND	11	ND	12	NA	
-IS/SURROGATE(S)									
Bromochloromethane		%	50-200	94	50-200	90	50-200	NA	
1,4-Difluorobenzene		%	50-200	94	50-200	96	50-200	NA	
Chlorobenzene-D5		%	50-200	90	50-200	94	50-200	NA	
p-Bromofluorobenzene		%	59-113	95	59-113	88	59-113	NA	
1,2-Dichloroethane-D4		%	70-121	105	70-121	102	70-121	NA	
Toluene-D8		%	84-138	101	84-138	94	84-138	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

* User name: VANDETR (163) Queue: STL_BUF_1/BATCHPRNT1 *
* File name: Server: NY_RP_LJ8150_S3 *
* Directory: *
* Description: LPT1 Catch *
* March 3, 2003 4:25pm *

V V A N N DDDD EEEEE TTTT TTTT RRRR
V V A A N N D D E T T R R
V V A A N N D D E T T R R
V V A A N N D D E E E E T T R R R R
V V A A A A A N N N D D E T T R R
V V A A N N D D E T T R R
V A A N N DDDD EEEEE T T R R

L PPPP TTTT 1
L P P T 11
L P P T 1
L PPPP T 1
L P T 1
L P T 1
LLLLL P T 11111

Client ID	Lab ID	RSS-SSXX-RB	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No		A03-0440	A3043202					
Sample Date		01/14/2003						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
N-nitrosodiphenylamine	UG/L	ND	10	NA		NA		NA
N-Nitroso-Di-n-propylamine	UG/L	ND	10	NA		NA		NA
2-Nitroaniline	UG/L	ND	24	NA		NA		NA
3-Nitroaniline	UG/L	ND	24	NA		NA		NA
4-Nitroaniline	UG/L	ND	24	NA		NA		NA
3,3'-Dichlorobenzidine	UG/L	ND	10	NA		NA		NA
2-Chloronaphthalene	UG/L	ND	10	NA		NA		NA
Dibenzofuran	UG/L	ND	10	NA		NA		NA
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA
1,4-Dichlorobenzene	UG/L	ND	10	NA		NA		NA
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA
Hexachloroethane	UG/L	ND	10	NA		NA		NA
Hexachlorocyclopentadiene	UG/L	ND	10	NA		NA		NA
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA
1,2,4-Trichlorobenzene	UG/L	ND	10	NA		NA		NA
4-Chloroaniline	UG/L	ND	10	NA		NA		NA
Butyl benzyl phthalate	UG/L	ND	10	NA		NA		NA
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA		NA		NA
Diethyl phthalate	UG/L	ND	10	NA		NA		NA
Dimethyl phthalate	UG/L	ND	10	NA		NA		NA
Di-n-butyl phthalate	UG/L	ND	10	NA		NA		NA
Di-n-octyl phthalate	UG/L	ND	10	NA		NA		NA
Carbazole	UG/L	2 J	10	NA		NA		NA
2,4-Dinitrotoluene	UG/L	ND	10	NA		NA		NA
2,6-Dinitrotoluene	UG/L	ND	10	NA		NA		NA
Isophorone	UG/L	ND	10	NA		NA		NA
Nitrobenzene	UG/L	ND	10	NA		NA		NA
Acenaphthylene	UG/L	ND	10	NA		NA		NA
Acenaphthene	UG/L	ND	10	NA		NA		NA
Anthracene	UG/L	ND	10	NA		NA		NA
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA
Chrysene	UG/L	ND	10	NA		NA		NA
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA
Fluoranthene	UG/L	ND	10	NA		NA		NA
Fluorene	UG/L	ND	10	NA		NA		NA
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA
Naphthalene	UG/L	ND	10	NA		NA		NA

Client ID	Lab ID	Units	RSS-SS31-S-O A03-0440 01/13/2003	A3044001	RSS-SS32-S-O A03-0440 01/13/2003	A3044002	RSS-SS33-S-O A03-0440 01/14/2003	A3044003	RSS-SS33-S-O DL A03-0440 01/14/2003	A3044003DL
Job No	Sample Date		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte										
N-nitrosodiphenylamine		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
N-Nitroso-Di-n-propylamine		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
4-Chloroaniline		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2-Nitroaniline		UG/KG	ND	4700	ND	4300	ND	25000	ND	120000
3-Nitroaniline		UG/KG	ND	4700	ND	4300	ND	25000	ND	120000
4-Nitroaniline		UG/KG	ND	4700	ND	4300	ND	25000	ND	120000
3,3'-Dichlorobenzidine		UG/KG	ND	2100	ND	1900	ND	11000	ND	55000
2-Chloronaphthalene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Dibenzofuran		UG/KG	ND	1900	ND	1800	28000	10000	ND	51000
1,2-Dichlorobenzene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
1,3-Dichlorobenzene		UG/KG	ND	2000	ND	1800	ND	11000	ND	53000
1,4-Dichlorobenzene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Hexachlorobenzene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Hexachlorobutadiene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Hexachloroethane		UG/KG	ND	2100	ND	1900	ND	11000	ND	57000
Hexachlorocyclopentadiene		UG/KG	ND	2300	ND	2100	ND	12000	ND	61000
2-Methylnaphthalene		UG/KG	ND	1900	ND	1800	11000	10000	ND	51000
1,2,4-Trichlorobenzene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Butyl benzyl phthalate		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Bis(2-ethylhexyl) phthalate		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Diethyl phthalate		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Dimethyl phthalate		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Di-n-butyl phthalate		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Di-n-octyl phthalate		UG/KG	ND	5200	ND	4800	ND	28000	ND	140000
Carbazole		UG/KG	ND	1900	ND	1800	44000	10000	49000 DJ	51000
2,4-Dinitrotoluene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2,6-Dinitrotoluene		UG/KG	ND	2100	ND	1900	ND	11000	ND	55000
Isophorone		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Nitrobenzene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Acenaphthylene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Acenaphthene		UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Anthracene		UG/KG	ND	1900	ND	1800	37000	10000	44000 DJ	51000
Benzo(a)anthracene		UG/KG	ND	1900	ND	1800	62000	10000	100000 D	51000
Benzo(a)pyrene		UG/KG	ND	1900	ND	1800	150000 E	10000	200000 D	52000
Benzo(b)fluoranthene		UG/KG	ND	1900	1400 J	1800	110000 E	10000	160000 D	51000
Benzo(ghi)perylene		UG/KG	ND	1900	ND	1800	170000 E	10000	140000 D	51000
Benzo(k)fluoranthene		UG/KG	ND	2600	ND	2400	22000	14000	ND	70000
Chrysene		UG/KG	ND	1900	ND	1800	37000	10000	120000 D	51000
Dibenzo(a,h)anthracene		UG/KG	ND	1900	1600 J	1800	120000 E	10000	170000 D	51000
Fluoranthene		UG/KG	ND	2700	ND	2400	ND	14000	ND	71000
Fluorene		UG/KG	2100	1900	3200	1800	220000 E	10000	400000 D	51000
Indeno(1,2,3-cd)pyrene		UG/KG	ND	1900	ND	1800	41000	10000	48000 DJ	51000
Naphthalene		UG/KG	ND	2400	ND	2200	ND	13000	80000 D	64000
		UG/KG	ND	1900	ND	1800	27000	10000	ND	51000

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Client ID Job No Sample Date	Lab ID	RSS-SS31-S-O A03-0440 01/13/2003	A3044001	RSS-SS32-S-O A03-0440 01/13/2003	A3044002	RSS-SS33-S-O A03-0440 01/14/2003	A3044003	RSS-SS33-S-O DL A03-0440 01/14/2003	A3044003DL
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Phenanthrene	UG/KG	1400 J	1900	2300	1800	190000 E	10000	320000 D	51000
Pyrene	UG/KG	1700 J	1900	2700	1800	1900000 E	10000	3000000 D	51000
4-Chloro-3-methylphenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2-Chlorophenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2,4-Dichlorophenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2,4-Dimethylphenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2,4-Dinitrophenol	UG/KG	ND	4700	ND	1800	ND	10000	ND	51000
4,6-Dinitro-2-methylphenol	UG/KG	ND	6500	ND	4300	ND	25000	ND	120000
2-Methylphenol	UG/KG	ND	1900	ND	5900	ND	34000	ND	170000
4-Methylphenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2-Nitrophenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
4-Nitrophenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Pentachlorophenol	UG/KG	ND	6600	ND	6000	ND	35000	ND	180000
Phenol	UG/KG	ND	8100	ND	7400	ND	43000	ND	220000
2,4,5-Trichlorophenol	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2,4,6-Trichlorophenol	UG/KG	ND	4700	ND	4300	ND	25000	ND	120000
Bis(2-chloroethyl) ether	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
Bis(2-chloroethoxy) methane	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
4-Bromophenyl phenyl ether	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
4-Chlorophenyl phenyl ether	UG/KG	ND	1900	ND	1800	ND	10000	ND	51000
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	112	50-200	123	50-200	117	50-200	65	50-200
Naphthalene-D8	%	114	50-200	125	50-200	119	50-200	65	50-200
Acenaphthene-D10	%	116	50-200	126	50-200	116	50-200	67	50-200
Phenanthrene-D10	%	120	50-200	134	50-200	129	50-200	71	50-200
Chrysene-D12	%	129	50-200	149	50-200	145	50-200	79	50-200
Perylene-D12	%	147	50-200	183	50-200	145	50-200	97	50-200
Nitrobenzene-D5	%	47	23-120	36	23-120	44	23-120	0 D	23-120
2-Fluorobiphenyl	%	66	30-115	52	30-115	70	30-115	0 D	30-115
p-Terphenyl-d14	%	76	18-137	63	18-137	106	18-137	94 D	18-137
Phenol-D5	%	56	24-113	45	24-113	59	24-113	0 D	24-113
2-Fluorophenol	%	54	25-121	43	25-121	52	25-121	0 D	25-121
2,4,6-Tribromophenol	%	55	19-122	45	19-122	58	19-122	0 D	19-122
2-Chlorophenol-d4	%	55	20-130	44	20-130	58	20-130	0 D	20-130
1,2-Dichlorobenzene-d4	%	50	20-130	40	20-130	43	20-130	0 D	20-130

Client ID	Lab ID	RSS-SS34-S-O A03-0440 01/14/2003	A3044004	RSS-SS34-S-O DL A03-0440 01/14/2003	A3044004DL	RSS-SS35-S-O A03-0440 01/14/2003	A3044005	RSS-SS36-S-O A03-0440 01/14/2003	A3044006
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
N-Nitrosodiphenylamine	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
N-Nitroso-Di-n-propylamine	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
4-Chloroaniline	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2-Nitroaniline	UG/KG	ND	36000	ND	71000	ND	4800	ND	36000
3-Nitroaniline	UG/KG	ND	36000	ND	71000	ND	4800	ND	36000
4-Nitroaniline	UG/KG	ND	36000	ND	71000	ND	4800	ND	36000
3,3'-Dichlorobenzidine	UG/KG	ND	16000	ND	31000	ND	2100	ND	16000
2-Chloronaphthalene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Dibenzofuran	UG/KG	42000	15000	38000 D	29000	ND	2000	ND	15000
1,2-Dichlorobenzene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
1,3-Dichlorobenzene	UG/KG	ND	15000	ND	30000	ND	2000	ND	15000
1,4-Dichlorobenzene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Hexachlorobenzene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Hexachlorobutadiene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Hexachloroethane	UG/KG	ND	16000	ND	29000	ND	2000	ND	15000
Hexachlorocyclopentadiene	UG/KG	ND	18000	ND	32000	ND	2200	ND	16000
Hexachloroethene	UG/KG	ND	15000	ND	35000	ND	2400	ND	18000
2-Methylnaphthalene	UG/KG	27000	15000	23000 D,J	29000	ND	2000	ND	15000
1,2,4-Trichlorobenzene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Bis(2-ethylhexyl) phthalate	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Diethyl phthalate	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Dimethyl phthalate	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Di-n-butyl phthalate	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Di-n-octyl phthalate	UG/KG	ND	40000	ND	79000	ND	5400	ND	40000
Carbazole	UG/KG	46000	15000	40000 D	29000	ND	2000	ND	15000
2,4-Dinitrotoluene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2,6-Dinitrotoluene	UG/KG	ND	16000	ND	31000	ND	2100	ND	16000
Isophorone	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Nitrobenzene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Acenaphthylene	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Acenaphthene	UG/KG	54000	15000	53000 D	29000	ND	2000	ND	15000
Anthracene	UG/KG	83000	15000	74000 D	29000	ND	2000	ND	15000
Benzo(a)anthracene	UG/KG	120000	15000	110000 D	29000	ND	2000	23000	15000
Benzo(a)pyrene	UG/KG	100000	15000	91000 D	29000	1800 J	2000	22000	15000
Benzo(b)fluoranthene	UG/KG	130000 E	15000	90000 D	29000	2100	2000	20000	15000
Benzo(g,h)perylene	UG/KG	ND	20000	ND	40000	ND	2700	ND	20000
Benzo(k)fluoranthene	UG/KG	48000	15000	67000 D	29000	ND	2000	21000	15000
Chrysene	UG/KG	95000	15000	96000 D	29000	2000	2000	21000	15000
Dibenz(a,h)anthracene	UG/KG	ND	20000	ND	40000	ND	2700	ND	20000
Fluoranthene	UG/KG	200000 E	15000	180000 D	29000	4300	2000	45000	15000
Fluorene	UG/KG	57000	15000	50000 D	29000	ND	2000	ND	15000
Indeno(1,2,3-cd)pyrene	UG/KG	30000	18000	38000 D	36000	ND	2400	ND	18000
Naphthalene	UG/KG	72000	15000	68000 D	29000	ND	2000	ND	15000

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Client ID Job No Sample Date	Lab ID	RSS-SS34-S-O A03-0440 01/14/2003	A3044004	RSS-SS34-S-O DL A03-0440 01/14/2003	A3044004DL	RSS-SS35-S-O A03-0440 01/14/2003	A3044005	RSS-SS36-S-O A03-0440 01/14/2003	A3044006
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Phenanthrene	UG/KG	190000 E	15000	190000 D	29000	2400	2000	31000	15000
Pyrene	UG/KG	150000 E	15000	140000 D	29000	2700	2000	30000	15000
4-Chloro-3-methylphenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2-Chlorophenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2,4-Dichlorophenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2,4-Dimethylphenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2,4-Dinitrophenol	UG/KG	ND	36000	ND	29000	ND	2000	ND	15000
4,6-Dinitro-2-methylphenol	UG/KG	ND	49000	ND	98000	ND	6600	ND	36000
2-Methylphenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
4-Methylphenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2-Nitrophenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
4-Nitrophenol	UG/KG	ND	50000	ND	100000	ND	6800	ND	50000
Pentachlorophenol	UG/KG	ND	61000	ND	120000	ND	8300	ND	62000
Phenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2,4,5-Trichlorophenol	UG/KG	ND	36000	ND	71000	ND	4800	ND	36000
2,4,6-Trichlorophenol	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Bis(2-chloroethyl) ether	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
Bis(2-chloroethoxy) methane	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
4-Bromophenyl phenyl ether	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
4-Chlorophenyl phenyl ether IS/SURROGATE(S)	UG/KG	ND	15000	ND	29000	ND	2000	ND	15000
1,4-Dichlorobenzene-d4	%	111	50-200	97	50-200	113	50-200	113	50-200
Naphthalene-D8	%	114	50-200	96	50-200	118	50-200	116	50-200
Acenaphthene-D10	%	115	50-200	93	50-200	115	50-200	112	50-200
Phenanthrene-D10	%	126	50-200	101	50-200	124	50-200	121	50-200
Chrysene-D12	%	160	50-200	114	50-200	159	50-200	158	50-200
Perylene-D12	%	159	50-200	134	50-200	182	50-200	171	50-200
Nitrobenzene-D5	%	54	23-120	36	23-120	47	23-120	33	23-120
2-Fluorobiphenyl	%	86	30-115	67	30-115	63	30-115	53	30-115
p-Terphenyl-d14	%	95	18-137	83	18-137	66	18-137	54	18-137
Phenol-D5	%	74	24-113	52	24-113	58	24-113	49	24-113
2-Fluorophenol	%	67	25-121	45	25-121	56	25-121	41	25-121
2,4,6-Tribromophenol	%	65	19-122	36	19-122	57	19-122	35	19-122
2-Chlorophenol-d4	%	72	20-130	53	20-130	56	20-130	44	20-130
1,2-Dichlorobenzene-d4	%	55	20-130	41	20-130	48	20-130	35	20-130

MA = Not Applicable ND = Not Detected

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Client ID	Lab ID	RSS-SS37-S-0 A03-0440 01/14/2003	A3044007	RSS-SS38-D12-S-0 A03-1140 01/14/2003	A3044812	RSS-SS38-S-0 A03-0440 01/14/2003	A3044008	RSS-SS39-S-0 A03-0440 01/14/2003	A3044009
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
N-Nitrosodiphenylamine	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
N-Nitroso-Di-n-propylamine	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
4-Chloroaniline	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2-Nitroaniline	UG/KG	ND	4300	ND	4600	ND	24000	ND	5300
3-Nitroaniline	UG/KG	ND	4300	ND	4600	ND	24000	ND	5300
4-Nitroaniline	UG/KG	ND	4300	ND	4600	ND	24000	ND	5300
3,3'-Dichlorobenzidine	UG/KG	ND	1900	ND	2000	ND	10000	ND	2300
2-Chloronaphthalene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Dibenzofuran	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
1,2-Dichlorobenzene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
1,3-Dichlorobenzene	UG/KG	ND	1800	ND	1900	ND	10000	ND	2200
1,4-Dichlorobenzene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Hexachlorobenzene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Hexachlorobutadiene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Hexachloroethane	UG/KG	ND	2000	ND	2100	ND	11000	ND	2400
Hexachlorocyclopentadiene	UG/KG	ND	2100	ND	2200	ND	12000	ND	2600
2-Methylnaphthalene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
1,2,4-Trichlorobenzene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Butyl benzyl phthalate	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Bis(2-ethylhexyl) phthalate	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Diethyl phthalate	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Dimethyl phthalate	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Di-n-butyl phthalate	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Di-n-octyl phthalate	UG/KG	ND	4800	ND	5100	ND	26000	ND	5900
Carbazole	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2,4-Dinitrotoluene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2,6-Dinitrotoluene	UG/KG	ND	1900	ND	2000	ND	10000	ND	2300
Isophorone	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Nitrobenzene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Acenaphthylene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Acenaphthene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Anthracene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Benzo(a)anthracene	UG/KG	ND	1800	1500 J	1900	22000	9800	ND	2200
Benzo(a)pyrene	UG/KG	ND	1800	3100	1900	46000	9800	ND	2200
Benzo(b)fluoranthene	UG/KG	ND	1800	2500	1900	39000	9800	1800 J	2200
Benzo(ghi)perylene	UG/KG	ND	1800	2700	1900	49000	9800	ND	2200
Benzo(k)fluoranthene	UG/KG	ND	1800	2000	2600	ND	13000	ND	3000
Chrysene	UG/KG	ND	1800	2000	1900	25000	9800	ND	2200
Dibenzo(a,h)anthracene	UG/KG	ND	1800	2700	1900	40000	9800	1900 J	2200
Fluoranthene	UG/KG	ND	1800	ND	2600	ND	13000	ND	3000
Fluorene	UG/KG	1700 J	1800	5900	1900	88000 E	9800	4600	2200
Indeno(1,2,3-cd)pyrene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Naphthalene	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200

NA = Not Applicable ND = Not Detected

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Client ID Job No Sample Date	Lab ID	RSS-SS37-S-O A03-0440 01/14/2003	A3044007	RSS-SS38-D12-S-O A03-1140 01/14/2003	A3044812	RSS-SS38-S-O A03-0440 01/14/2003	A3044008	RSS-SS39-S-O A03-0440 01/14/2003	A3044009
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Phenanthrene	UG/KG	ND	1800	4500	1900	48000	9800	3100	2200
Pyrene	UG/KG	ND	1800	4100	1900	56000	9800	2900	2200
4-Chloro-3-methylphenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2-Chlorophenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2,4-Dichlorophenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2,4-Dimethylphenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2,4-Dinitrophenol	UG/KG	ND	4300	ND	1900	ND	9800	ND	2200
4,6-Dinitro-2-methylphenol	UG/KG	ND	6000	ND	6300	ND	24000	ND	5300
2-Methylphenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
4-Methylphenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2-Nitrophenol	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
4-Nitrophenol	UG/KG	ND	6100	ND	1900	ND	9800	ND	2200
Pentachlorophenol	UG/KG	ND	7500	ND	7900	ND	33000	ND	7400
Phenol	UG/KG	ND	1800	ND	1900	ND	41000	ND	9200
2,4,5-Trichlorophenol	UG/KG	ND	4300	ND	1900	ND	9800	ND	2200
2,4,6-Trichlorophenol	UG/KG	ND	1800	ND	1900	ND	24000	ND	5300
Bis(2-chloroethyl) ether	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
2,2'-Oxybis(1-chloropropane)	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
Bis(2-chloroethoxy) methane	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
4-Bromophenyl phenyl ether	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
4-Chlorophenyl phenyl ether	UG/KG	ND	1800	ND	1900	ND	9800	ND	2200
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	118	50-200	118	50-200	114	50-200	114	50-200
Naphthalene-D8	%	120	50-200	113	50-200	117	50-200	116	50-200
Acenaphthene-D10	%	118	50-200	124	50-200	110	50-200	115	50-200
Phenanthrene-D10	%	125	50-200	133	50-200	122	50-200	120	50-200
Chrysene-D12	%	169	50-200	167	50-200	170	50-200	167	50-200
Perylene-D12	%	190	50-200	180	50-200	172	50-200	176	50-200
Nitrobenzene-D5	%	38	23-120	46	23-120	49	23-120	44	23-120
2-Fluorobiphenyl	%	55	30-115	61	30-115	82	30-115	61	30-115
p-Terphenyl-d14	%	54	18-137	73	18-137	90	18-137	65	18-137
Phenol-D5	%	46	24-113	47	24-113	66	24-113	54	24-113
2-Fluorophenol	%	43	25-121	33	25-121	62	25-121	51	25-121
2,4,6-Tribromophenol	%	54	19-122	57	19-122	63	19-122	58	19-122
2-Chlorophenol-d4	%	44	20-130	46	20-130	67	20-130	52	20-130
1,2-Dichlorobenzene-d4	%	38	20-130	44	20-130	52	20-130	44	20-130

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Client ID	Lab ID	Analyte	Units	RSS-SS40-S-O A03-0440 01/14/2003	A3044010	RSS-SS41-S-O A03-0440 01/14/2003	A3044011	RSS-SS42-S-O A03-0440 01/14/2003	A3044012	RSS-SS43-S-O A03-0440 01/14/2003	Reporting Limit
Job No	Sample Date			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
		N-nitrosodiphenylamine	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		N-Nitroso-Di-n-propylamine	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		4-Chloroaniline	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		2-Nitroaniline	UG/KG	ND	4500	ND	5000	ND	4400	ND	5600
		3-Nitroaniline	UG/KG	ND	4500	ND	5000	ND	4400	ND	5600
		4-Nitroaniline	UG/KG	ND	4500	ND	5000	ND	4400	ND	5600
		3,3'-Dichlorobenzidine	UG/KG	ND	2000	ND	2200	ND	1900	ND	2400
		2-Chloronaphthalene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Dibenzofuran	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		1,2-Dichlorobenzene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		1,3-Dichlorobenzene	UG/KG	ND	1900	ND	2100	ND	1900	ND	2400
		1,4-Dichlorobenzene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Hexachlorobenzene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Hexachlorobutadiene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Hexachloroethane	UG/KG	ND	2000	ND	2300	ND	2000	ND	2500
		Hexachlorocyclopentadiene	UG/KG	ND	2200	ND	2400	ND	2200	ND	2700
		2-Methylnaphthalene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		1,2,4-Trichlorobenzene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Butyl benzyl phthalate	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Bis(2-ethylhexyl) phthalate	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Diethyl phthalate	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Dimethyl phthalate	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Di-n-butyl phthalate	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Di-n-octyl phthalate	UG/KG	ND	5000	ND	5500	ND	4900	ND	6200
		Carbazole	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		2,4-Dinitrotoluene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		2,6-Dinitrotoluene	UG/KG	ND	2000	ND	2200	ND	2000	ND	2500
		Isophorone	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Nitrobenzene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Acenaphthylene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Acenaphthene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Anthracene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Benzo(a)anthracene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Benzo(a)pyrene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Benzo(b)fluoranthene	UG/KG	ND	2500	ND	2800	ND	2500	ND	3100
		Benzo(ghi)perylene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Benzo(k)fluoranthene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Chrysene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Dibenzo(a,h)anthracene	UG/KG	ND	2500	ND	2800	ND	2500	ND	3200
		Fluoranthene	UG/KG	1700 J	1800	ND	2000	ND	1800	ND	2300
		Fluorene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300
		Indeno(1,2,3-cd)pyrene	UG/KG	ND	2300	ND	2500	ND	2200	ND	2800
		Naphthalene	UG/KG	ND	1800	ND	2000	ND	1800	ND	2300

NA = Not Applicable ND = Not Detected

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Roblin Steel site SI/RAR - Soil Probes/Test Pits
TVGA - ASP 95 - SEMIVOLATILES - S

CC: AN0326

Client ID	Lab ID	Units	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No Sample Date	RSS-TP37-023-S-0 A03-0577 01/16/2003		A3057705							
Analyte										
N-nitrosodiphenylamine	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-Di-n-propylamine	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	UG/KG	5300	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	UG/KG	5300	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	UG/KG	5300	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	2300	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	UG/KG	2400	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	2600	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	UG/KG	5900	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	2300	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	UG/KG	3000	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	UG/KG	2200	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	UG/KG	2200	2200	ND	ND	ND	ND	ND	ND	ND
Fluorene	UG/KG	3000	4400	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	UG/KG	2200	2200	ND	ND	ND	ND	ND	ND	ND
Naphthalene	UG/KG	2700	2200	ND	ND	ND	ND	ND	ND	ND

NA = Not Applicable ND = Not Detected

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TVGA Consultants
Roblin Steel Site SI/RAR - Soil Probes/Test Pits
TVGA - ASP 95 - SEMIVOLATILES - S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	RSS-TP37-D23-S-0 A03-0577 01/16/2003	A3057705	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Phenanthrene	UG/KG	3500	2200	NA		NA		NA	
Pyrene	UG/KG	3900	2200	NA		NA		NA	
4-Chloro-3-methylphenol	UG/KG	ND	2200	NA		NA		NA	
2-Chlorophenol	UG/KG	ND	2200	NA		NA		NA	
2,4-Dichlorophenol	UG/KG	ND	2200	NA		NA		NA	
2,4-Dimethylphenol	UG/KG	ND	2200	NA		NA		NA	
2,4-Dinitrophenol	UG/KG	ND	5300	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/KG	ND	7300	NA		NA		NA	
2-Methylphenol	UG/KG	ND	2200	NA		NA		NA	
4-Methylphenol	UG/KG	ND	2200	NA		NA		NA	
2-Nitrophenol	UG/KG	ND	2200	NA		NA		NA	
4-Nitrophenol	UG/KG	ND	7400	NA		NA		NA	
Pentachlorophenol	UG/KG	ND	9100	NA		NA		NA	
Phenol	UG/KG	ND	2200	NA		NA		NA	
2,4,5-Trichlorophenol	UG/KG	ND	5300	NA		NA		NA	
2,4,6-Trichlorophenol	UG/KG	ND	2200	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/KG	ND	2200	NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	2200	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/KG	ND	2200	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/KG	ND	2200	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/KG	ND	2200	NA		NA		NA	
-IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	58	50-200	NA		NA		NA	
Naphthalene-D8	%	62	50-200	NA		NA		NA	
Acenaphthene-D10	%	68	50-200	NA		NA		NA	
Phenanthrene-D10	%	76	50-200	NA		NA		NA	
Chrysene-D12	%	89	50-200	NA		NA		NA	
Perylene-D12	%	88	50-200	NA		NA		NA	
Nitrobenzene-D5	%	47	23-120	NA		NA		NA	
2-Fluorobiphenyl	%	67	30-115	NA		NA		NA	
p-Terphenyl-d14	%	75	18-137	NA		NA		NA	
Phenol-D5	%	55	24-113	NA		NA		NA	
2-Fluorophenol	%	55	25-121	NA		NA		NA	
2,4,6-Tribromophenol	%	67	19-122	NA		NA		NA	
2-Chlorophenol-d4	%	56	20-130	NA		NA		NA	
1,2-Dichlorobenzene-d4	%	54	20-130	NA		NA		NA	

NA = Not Applicable ND = Not Detected

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Date: 03/03/03
 Time: 10:47

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Roblin Steel Silo SI/RAR - Concrete
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S

Client ID	Lab ID	RSS-SS09-CC-0 A03-0554 01/15/2003	RSS-SS44-S-0 A03-0554 01/15/2003	RSS-SS45-S-0 A03-0554 01/15/2003	RSS-SS46-S-0 A03-0554 01/15/2003
Job No	Sample Date	Sample Value	Sample Value	Sample Value	Sample Value
Analyte	Units	Reporting Limit	Reporting Limit	Reporting Limit	Reporting Limit
Aroclor 1016	UG/KG	1900	1200	110	1100
Aroclor 1221	UG/KG	ND	ND	ND	ND
Aroclor 1232	UG/KG	ND	ND	ND	ND
Aroclor 1242	UG/KG	ND	ND	ND	ND
Aroclor 1248	UG/KG	36000	58000	1900	31000
Aroclor 1254	UG/KG	ND	ND	ND	ND
Aroclor 1260	UG/KG	4800	3800	240	3800
<u>SURROGATE(S)</u>					
Tetrachloro-m-xylene	%	0 D	0 D	95	0 D
Decachlorobiphenyl	%	0 D	0 D	100	0 D

Client ID	Lab ID	RSS-SS47-S-0 A03-0554 01/15/2003	RSS-SS47-S-0 A03-0554 01/15/2003	RSS-SS47-S-0 A03-0554 01/15/2003	RSS-SS47-S-0 A03-0554 01/15/2003
Job No	Sample Date	Sample Value	Sample Value	Sample Value	Sample Value
Analyte	Units	Reporting Limit	Reporting Limit	Reporting Limit	Reporting Limit
Aroclor 1016	UG/KG	18	18	18	18
Aroclor 1221	UG/KG	ND	ND	ND	ND
Aroclor 1232	UG/KG	ND	ND	ND	ND
Aroclor 1242	UG/KG	ND	ND	ND	ND
Aroclor 1248	UG/KG	220	220	220	220
Aroclor 1254	UG/KG	ND	ND	ND	ND
Aroclor 1260	UG/KG	51	51	51	51
<u>SURROGATE(S)</u>					
Tetrachloro-m-xylene	%	84	84	84	84
Decachlorobiphenyl	%	97	97	97	97

Date: 03/03/2003
Time: 16:25:38

TVGA Consultants
Roblin Steel Site SI/RAR - Surface Soil/Fill
TVGA - TOTAL TAL ME - Aq.

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
	RSS-SSXX-RB A03-0440 01/14/2003			A3043202				
Analyte								
Aluminum - Total		UG/L	ND	32.5	NA		NA	
Antimony - Total		UG/L	9.7 B	5.4	NA		NA	
Arsenic - Total		UG/L	ND	4.0	NA		NA	
Barium - Total		UG/L	ND	0.20	NA		NA	
Beryllium - Total		UG/L	ND	0.20	NA		NA	
Cadmium - Total		UG/L	ND	0.30	NA		NA	
Calcium - Total		UG/L	ND	39.4	NA		NA	
Chromium - Total		UG/L	ND	0.60	NA		NA	
Cobalt - Total		UG/L	ND	0.50	NA		NA	
Copper - Total		UG/L	ND	0.60	NA		NA	
Iron - Total		UG/L	ND	13.9	NA		NA	
Lead - Total		UG/L	ND	2.3	NA		NA	
Magnesium - Total		UG/L	ND	10.9	NA		NA	
Manganese - Total		UG/L	ND	0.10	NA		NA	
Nickel - Total		UG/L	ND	1.0	NA		NA	
Potassium - Total		UG/L	ND	20.6	NA		NA	
Selenium - Total		UG/L	ND	4.0	NA		NA	
Silver - Total		UG/L	ND	0.50	NA		NA	
Sodium - Total		UG/L	ND	258	NA		NA	
Thallium - Total		UG/L	ND	3.9	NA		NA	
Vanadium - Total		UG/L	ND	0.70	NA		NA	
Zinc - Total		UG/L	ND	4.1	NA		NA	
Mercury - Total		UG/L	ND	0.125	NA		NA	

NA = Not Applicable ND = Not Detected

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Date: 03/01/03
Time: 16:25:38

TVGA Consultants
Roblin Steel Site SI/RAR - Surface Soil/Fill
TVGA - TOTAL TAL ME - SOIL

: AND326

Client ID	Lab ID	Units	RSS-SS23-S-O A03-0437 01/13/2003	A3043701	RSS-SS24-S-O A03-0437 01/13/2003	A3043702	RSS-SS25-D12-S-O A03-1141 01/13/2003	A3044803	RSS-SS25-S-O A03-0437 01/13/2003	A3043703
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/KG	0.072 N*	0.020	0.021	0.528 N*	0.021	0.035 8N	0.026	0.676 N*	0.021
Aluminum - Total	MG/KG	6730 E	3.9	4.0	16800 E	4.0	10200	1.2	8840 E	3.9
Antimony - Total	MG/KG	ND N	0.64	0.67	3.4 8N	0.67	0.72 8N	0.67	4.2 8N	0.65
Arsenic - Total	MG/KG	6.2 *	0.48	0.50	8.8 *	0.50	12.5	0.38	11.7 *	0.48
Barium - Total	MG/KG	109 EN*	0.02	0.02	309 EN*	0.02	85.2	0.04	145 EN*	0.02
Beryllium - Total	MG/KG	0.36 BE	0.02	0.02	2.5 E	0.02	0.64	0.01	1.1 E	0.02
Cadmium - Total	MG/KG	2.3 EN*	0.04	0.04	10.9 EN*	0.04	1.7 E*	0.04	31.0 EN*	0.04
Calcium - Total	MG/KG	4000	4.7	97.9	100000	97.9	3190	0.72	46400	4.7
Chromium - Total	MG/KG	51.6 E*	0.07	0.07	210 E*	0.07	27.2	0.10	223 E*	0.07
Cobalt - Total	MG/KG	7.1 E	0.06	0.06	8.5 E	0.06	12.5 E	0.13	7.6 E	0.06
Copper - Total	MG/KG	63.4 N*	0.07	0.07	372 N*	0.07	49.9	0.11	205 N*	0.07
Iron - Total	MG/KG	33200 E*	1.7	34.6	109000 E*	34.6	30800	2.4	72500 E*	33.5
Lead - Total	MG/KG	166 E*	0.27	0.29	486 E*	0.29	89.2 E	0.14	1460 E*	0.28
Magnesium - Total	MG/KG	3050 E	1.3	1.4	21800 E	1.4	3860	0.96	11400 E	1.3
Manganese - Total	MG/KG	1080 *	0.01	0.12	5430 *	0.25	664	0.02	7590 *	0.24
Nickel - Total	MG/KG	33.6 EN*	0.12	0.12	89.3 EN*	0.12	37.2 EN	0.14	68.6 EN*	0.12
Potassium - Total	MG/KG	696	2.4	2.6	2630	2.6	1110	6.4	769	2.5
Selenium - Total	MG/KG	1.2	0.48	0.50	2.5	0.50	0.75	0.60	3.4	0.48
Silver - Total	MG/KG	ND	0.06	0.06	0.97 B	0.06	0.33 B	0.16	3.1	0.06
Sodium - Total	MG/KG	159 B*	30.7	32.1	980 *	32.1	109 8E	38.2	1800 *	31.1
Thallium - Total	MG/KG	ND	0.46	0.48	ND	0.48	ND	0.64	ND	0.47
Vanadium - Total	MG/KG	11.6 E	0.08	0.09	22.9 E	0.09	16.3	0.14	34.3 E	0.08
Zinc - Total	MG/KG	2300 *	2.4	25.5	12500 *	25.5	1480	9.8	30400 *	49.4

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TVGA Consultants
Roblin Steel Site SI/RAR - Surface Soil/Fill
TVGA - TOTAL TAL ME - SOIL

Rept: AN0326

Client ID	Lab ID	Units	RSS-SS26-D12-S-O A03-1141 01/13/2003	A3044804	RSS-SS26-S-O A03-0437 01/13/2003	A3043704	RSS-SS27-S-O A03-0437 01/13/2003	A3043705	RSS-SS28-D12-S-O A03-1141 01/13/2003	Reporting Limit
Analyte	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	0.112 N	0.024	0.596 N*	0.023	0.155 N*	0.021	0.100 N	0.026	0.100 N	0.026
Calcium - Total	73100	87.6	78100	93.6	131000	45.3	8260	0.68	8260	0.68
Zinc - Total	1930	9.1	71700 *	97.4	8570 *	9.4	5000	9.4	5000	9.4
Aluminum - Total	13300	1.1	10600 E	3.9	16200 E	3.7	8480	1.1	8480	1.1
Antimony - Total	0.71 BN	0.62	20.2 *	0.64	3.3 BN	0.62	1.6 BN	0.64	1.6 BN	0.64
Arsenic - Total	7.7	0.36	376 EN*	0.48	6.3 *	0.46	9.4	0.37	9.4	0.37
Barium - Total	137	0.03	3.2 E	0.02	344 EN*	0.02	108	0.03	108	0.03
Beryllium - Total	1.9	0.01	1.6 E	0.02	3.2 E	0.02	0.43 B	0.01	0.43 B	0.01
Cadmium - Total	3.0 E*	0.03	72.0 EN*	0.04	6.4 EN*	0.03	8.3 E*	0.03	8.3 E*	0.03
Chromium - Total	26.4	0.09	485 E*	0.07	252 E*	0.07	90.4	0.09	90.4	0.09
Cobalt - Total	37.1	0.12	8.9 E	0.06	8.7 E	0.06	6.7 E	0.13	6.7 E	0.13
Copper - Total	19800	0.10	406 N*	0.07	146 N*	0.07	70.7	0.10	70.7	0.10
Iron - Total	131 E	2.2	140000 E*	33.0	122000 E*	16.0	36200	2.3	36200	2.3
Lead - Total	14000	0.13	3670 E*	0.27	290 E*	0.26	377 E	0.14	377 E	0.14
Magnesium - Total	1960	0.89	20300 E	1.3	35200 E	1.3	4840	0.91	4840	0.91
Manganese - Total	24.0 EN	0.02	18300 *	0.59	5600 *	0.23	2130	0.02	2130	0.02
Nickel - Total	1640	0.13	93.2 EN*	0.12	122 EN*	0.12	29.6 EN	0.14	29.6 EN	0.14
Potassium - Total	1.3	5.9	669	2.4	1130	2.4	652	6.1	652	6.1
Selenium - Total	0.24 B	0.56	6.8	0.48	1.8	0.46	ND	0.57	ND	0.57
Silver - Total	436 BE	0.14	9.5	0.06	0.59 B	0.06	0.97 B	0.15	0.97 B	0.15
Sodium - Total	ND	35.5	4390 *	30.7	945 *	29.7	300 BE	36.4	300 BE	36.4
Thallium - Total	12.9	0.59	ND	0.46	ND	0.45	ND	0.60	ND	0.60
Vanadium - Total		0.13	27.4 E	0.08	18.8 E	0.08	15.0	0.14	15.0	0.14

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/01
Time: 16:25:--

TVGA Co
Roblin Steel Site S1/KKK - Surface Soil/Fill
TVGA - TOTAL TAL ME - SOIL

AN0326

Client ID	Lab ID	RSS-SS28-S-O A03-0437 01/13/2003	A3043706	RSS-SS29-S-O A03-0437 01/13/2003	A3043707	RSS-SS30-S-O A03-0437 01/13/2003	A3043708	RSS-SS39-S-O A03-0437 01/13/2003	A3043709
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Iron - Total	MG/KG	266000 E*	95.8	53700 E*	1.6	148000 E*	81.3	25700 E*	1.8
Manganese - Total	MG/KG	31700 *	0.69	5030 *	0.24	3700 *	0.12	7670 *	0.13
Mercury - Total	MG/KG	0.916 N*	0.024	0.140 N*	0.021	0.062 N*	0.019	0.192 N*	0.023
Aluminum - Total	MG/KG	6630 E	4.5	22200 E	3.8	18400 E	3.8	16200 E	4.2
Antimony - Total	MG/KG	24.3 N	0.74	2.4 BN	0.64	ND N	0.63	8.3 N	0.70
Arsenic - Total	MG/KG	28.9 *	0.55	6.6 *	0.47	10.2 *	0.47	5.6 *	0.52
Barium - Total	MG/KG	418 EN*	0.03	288 EN*	0.02	226 EN*	0.02	313 EN*	0.03
Beryllium - Total	MG/KG	0.78 E	0.03	4.5 E	0.02	3.6 E	0.02	1.8 E	0.03
Cadmium - Total	MG/KG	99.5 EN*	0.04	9.7 EN*	0.04	3.2 EN*	0.04	5.5 EN*	0.04
Calcium - Total	MG/KG	50900	5.4	156000	93.2	123000	46.1	45500	5.1
Chromium - Total	MG/KG	1040 E*	0.08	130 E*	0.07	145 E*	0.07	66.1 E*	0.08
Cobalt - Total	MG/KG	11.6 E	0.07	5.0 BE	0.06	7.7 E	0.06	3.6 BE	0.06
Copper - Total	MG/KG	686 N*	0.08	89.7 N*	0.07	144 N*	0.07	73.7 N*	0.08
Lead - Total	MG/KG	4190 E*	0.32	435 E*	0.27	169 E*	0.27	566 E*	0.30
Magnesium - Total	MG/KG	23400 E	1.5	34600 E	1.3	27000 E	1.3	20800 E	1.4
Nickel - Total	MG/KG	173 EN*	0.14	48.4 EN*	0.12	80.1 EN*	0.12	26.8 EN*	0.13
Potassium - Total	MG/KG	301 B	2.8	1670	2.4	1380	2.4	1320	2.7
Selenium - Total	MG/KG	10.0	0.55	2.3	0.47	1.7	0.47	3.2	0.52
Silver - Total	MG/KG	12.7	0.07	0.66 B	0.06	ND	0.06	0.29 B	0.06
Sodium - Total	MG/KG	10500 *	35.5	1230 *	30.5	768 *	30.2	938 *	33.3
Thallium - Total	MG/KG	ND	0.54	ND	0.46	ND	0.46	ND	0.50
Vanadium - Total	MG/KG	46.2 E	0.10	13.4 E	0.08	18.4 E	0.08	14.9 E	0.09
Zinc - Total	MG/KG	178000 *	169	11200 *	9.7	3800 *	4.8	6630 *	10.6

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/03/2003
Time: 16:25:38

TVGA Consultants
Roblin Steel Site SI/RAR - Surface Soil/Fill
TVGA - TOTAL TAL ME - SOIL

Rept: AN0326

Client ID	Lab ID	Units	RSS-SS40-S-O A03-0437 01/13/2003	A3043710	RSS-SS41-D12-S-O A03-1141 01/14/2003	A3044815	RSS-SS41-S-O A03-0437 01/13/2003	A3043711	RSS-SS42-D12-S-O A03-1141 01/14/2003	Reporting Limit
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/KG	0.020	0.060 N	0.026	1.8 N*	0.021	0.081 N	0.026	0.026	
Aluminum - Total	MG/KG	4.0	7110	1.1	10200 E	3.9	25200	1.1	1.1	
Antimony - Total	MG/KG	0.66	2.0 BN	0.64	11.8 N	0.64	1.7 BN	0.62	0.62	
Arsenic - Total	MG/KG	0.49	8.6 *	0.36	21.3 *	0.47	4.6	0.35	0.35	
Barium - Total	MG/KG	0.02	189 EN*	0.03	151 EN*	0.02	244	0.03	0.03	
Beryllium - Total	MG/KG	0.02	3.9 E	0.01	1.8 E	0.02	5.0	0.01	0.01	
Cadmium - Total	MG/KG	0.04	16.0 EN*	0.03	6.8 E*	0.04	4.3 E*	0.03	0.03	
Chromium - Total	MG/KG	0.07	194 E*	0.09	63.5	0.07	101	0.09	0.09	
Cobalt - Total	MG/KG	0.06	5.7 BE	0.12	6.1 E	0.06	3.1 BE	0.12	0.12	
Copper - Total	MG/KG	0.07	162 N*	0.10	67.8	0.07	55.5	0.10	0.10	
Lead - Total	MG/KG	0.28	679 E*	0.14	598 E	0.27	176 E	0.13	0.13	
Magnesium - Total	MG/KG	1.3	26800 E	0.91	5210	1.3	41700	0.89	0.89	
Nickel - Total	MG/KG	0.12	84.9 EN*	0.14	24.8 EN	0.12	39.4 EN	0.13	0.13	
Potassium - Total	MG/KG	2.5	1600	6.0	644	2.4	2050	5.9	5.9	
Selenium - Total	MG/KG	0.49	2.9	0.57	581 B	0.47	2.6	0.55	0.55	
Silver - Total	MG/KG	0.06	1.8	0.15	0.81 B	0.06	0.56 B	0.14	0.14	
Sodium - Total	MG/KG	31.5	1930 *	36.2	664 E	30.6	1260 E	35.3	35.3	
Thallium - Total	MG/KG	0.48	ND	0.60	ND	0.46	ND	0.59	0.59	
Vanadium - Total	MG/KG	0.09	12.4 E	0.14	13.3	0.08	8.5	0.13	0.13	
Zinc - Total	MG/KG	25.1	27000 *	23.3	11700	122	7270	9.1	9.1	
Calcium - Total	MG/KG	96.3	137000	0.68	8080	234	163000	87.3	87.3	
Iron - Total	MG/KG	34.0	88700 E*	2.3	27900	82.4	31600	2.2	2.2	
Manganese - Total	MG/KG	0.24	5860 *	0.23	2750	0.59	3570	0.22	0.22	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/03
Time: 16:22

Roblin Steel Site S1, AR - Surface Soil/Fill
TVGA - TOTAL TAL ME - SOIL

TVGA .tants

#: AN0326

Client ID	Lab ID	Units	RSS-SS42-S-O A03-0437 01/13/2003	A3043712	RSS-SS43-D12-S-O A03-1141 01/14/2003	A3044817	RSS-SS43-S-O A03-0437 01/13/2003	A3043713	Sample Value	Reporting Limit
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/KG	0.458 N*	0.021	0.028	0.445 N	0.028	0.408 N*	0.025	NA	
Aluminum - Total	MG/KG	12200 E	3.6	1.2	8660	1.2	6870 E	4.0	NA	
Antimony - Total	MG/KG	5.3 BN	0.59	0.70	8.0 N	0.70	9.0 N	0.67	NA	
Arsenic - Total	MG/KG	16.6 *	0.44	0.40	36.0	0.40	18.9 *	0.49	NA	
Barium - Total	MG/KG	115 EN*	0.02	0.04	180	0.04	203 EN*	0.02	NA	
Beryllium - Total	MG/KG	2.5 E	0.02	0.01	1.3	0.01	1.0 E	0.02	NA	
Cadmium - Total	MG/KG	17.4 EN*	0.03	0.04	33.1 E*	0.04	40.4 EN*	0.04	NA	
Chromium - Total	MG/KG	363 E*	0.07	0.10	343	0.10	458 E*	0.07	NA	
Cobalt - Total	MG/KG	11.6 E	0.06	0.14	8.4 E	0.14	11.6 E	0.06	NA	
Copper - Total	MG/KG	277 N*	0.07	0.11	271	0.11	382 N*	0.07	NA	
Lead - Total	MG/KG	653 E*	0.25	0.15	1200 E	0.15	1570 E*	0.28	NA	
Magnesium - Total	MG/KG	18400 E	1.2	1.0	13000	1.0	10600 E	1.3	NA	
Nickel - Total	MG/KG	206 EN*	0.11	0.15	137 EN	0.15	219 EN*	0.12	NA	
Potassium - Total	MG/KG	771	2.3	6.7	580 B	6.7	491 B	2.5	NA	
Selenium - Total	MG/KG	2.9	0.44	0.63	2.2	0.63	4.1	0.49	NA	
Silver - Total	MG/KG	2.4	0.06	0.16	4.7	0.16	6.0	0.06	NA	
Sodium - Total	MG/KG	2150 *	28.4	40.0	4160 E	40.0	5760 *	31.9	NA	
Vanadium - Total	MG/KG	ND	0.43	0.66	ND	0.66	ND	0.48	NA	
Zinc - Total	MG/KG	11.7 E	0.08	0.15	14.9	0.15	17.2 E	0.09	NA	
Iron - Total	MG/KG	34200 *	45.1	257	76200	257	106000 *	127	NA	
Calcium - Total	MG/KG	148000 E*	76.5	872	128000	872	163000 E*	86.0	NA	
Manganese - Total	MG/KG	78100	43.4	2470	97100 B	2470	76500	48.7	NA	
	MG/KG	5690 *	0.11	0.25	8510	0.25	11800 *	0.12	NA	

Date: 03/03/2003
Time: 16:25:43

TVGA Consultants
Roblin Steel Site SI/RAR - Soil Probes/Test Pits
WET CHEMISTRY ANALYSIS

Rept: AN0326

Client ID	Lab ID	RSS-SP42-D45-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP43-D45-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP44-D46-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP45-D04-S-0 A03-0577 01/17/2003	Reporting Limit
Job No		A3057712	0	7.98	A3057704	0	7.82	A3057709	0	8.45	A3057703	0
Sample Date		01/17/2003			01/17/2003			01/17/2003		01/17/2003		
Analyte	Units											
Leachable pH	S.U.											

Client ID	Lab ID	RSS-SP46-D04-S-0 A03-0663 01/17/2003	Reporting Limit	Sample Value	RSS-SP48-D04-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP49-D48-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP50-D46-S-0 A03-0577 01/17/2003	Reporting Limit
Job No		A3057708	0	8.04	A3057707	0	8.25	A3057713	0	8.23	A3057710	0
Sample Date		01/17/2003			01/17/2003			01/17/2003		01/17/2003		
Analyte	Units											
Leachable pH	S.U.											

Client ID	Lab ID	RSS-SP52-D48-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP57-D04-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP59-D48-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SP60-D48-S-0 A03-0663 01/17/2003	Reporting Limit
Job No		A3057717	0	8.35	A3057714	0	8.05	A3057711	0	8.25	A3057706	0
Sample Date		01/17/2003			01/17/2003			01/17/2003		01/17/2003		
Analyte	Units											
Leachable pH	S.U.											

Client ID	Lab ID	RSS-SP62-D48-S-0 A03-0577 01/17/2003	Reporting Limit	Sample Value	RSS-SS09-CC-0 A03-0554 01/15/2003	Reporting Limit	Sample Value	RSS-SS23-S-0 A03-0437 01/13/2003	Reporting Limit	Sample Value	RSS-SS24-S-0 A03-0437 01/13/2003	Reporting Limit
Job No		A3057701	0	7.99	A3055401	0	8.65	A3043701	0	7.62	A3043702	0
Sample Date		01/17/2003			01/15/2003			01/13/2003		01/13/2003		
Analyte	Units											
Leachable pH	S.U.											

Client ID	Job No	Sample Date	Lab ID	RSS-SS25-D12-S-O A03-1141 01/13/2003	A3044803	RSS-SS25-S-O A03-0437 01/13/2003	A3043703	RSS-SS26-D12-S-O A03-1141 01/13/2003	A3044804	RSS-SS26-S-O A03-0437 01/13/2003	A3043704
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	7.44	0	7.95	0	7.73	0	8.66	0	8.66	0

Client ID	Job No	Sample Date	Lab ID	RSS-SS27-S-O A03-0437 01/13/2003	A3043705	RSS-SS28-D12-S-O A03-1141 01/13/2003	A3044806	RSS-SS28-S-O A03-0437 01/13/2003	A3043706	RSS-SS29-S-O A03-0437 01/13/2003	A3043707
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.79	0	7.74	0	8.55	0	8.66	0	8.66	0

Client ID	Job No	Sample Date	Lab ID	RSS-SS30-S-O A03-0437 01/13/2003	A3043708	RSS-SS31-S-O A03-0440 01/13/2003	A3044001	RSS-SS32-S-O A03-0440 01/13/2003	A3044002	RSS-SS33-S-O A03-0440 01/14/2003	A3044003
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.98	0	9.07	0	8.57	0	10.1	0	10.1	0

Client ID	Job No	Sample Date	Lab ID	RSS-SS34-S-O A03-0440 01/14/2003	A3044004	RSS-SS35-S-O A03-0440 01/14/2003	A3044005	RSS-SS36-S-O A03-0440 01/14/2003	A3044006	RSS-SS37-S-O A03-0440 01/14/2003	A3044007
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.96	0	10.1	0	8.50	0	8.60	0	8.60	0

Date: 03/03/2003
Time: 16:25:43

TVGA Consultants
Roblin Steel Site SI/RAR - Surface Soil/Fill
MET CHEMISTRY ANALYSIS

Rept: AN0326

Client ID	Lab ID	RSS-SS38-D12-S-O A03-1140 01/14/2003	RSS-SS38-S-O A03-0440 01/14/2003	A3044812	A3044008	RSS-SS39-S-O A03-0437 01/13/2003	A3043709	RSS-SS39-S-O A03-0440 01/14/2003	A3044009
Job No									
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.24	0	8.58	0	7.86	0	7.92	0

Client ID	Lab ID	RSS-SS40-S-O A03-0437 01/13/2003	RSS-SS40-S-O A03-0440 01/14/2003	A3043710	A3044010	RSS-SS41-D12-S-O A03-1141 01/14/2003	A3044815	RSS-SS41-S-O A03-0437 01/13/2003	A3043711
Job No									
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.60	0	8.58	0	7.65	0	8.54	0

Client ID	Lab ID	RSS-SS41-S-O A03-0440 01/14/2003	RSS-SS42-D12-S-O A03-1141 01/14/2003	A3044011	A3044816	RSS-SS42-S-O A03-0437 01/13/2003	A3043712	RSS-SS42-S-O A03-0440 01/14/2003	A3044012
Job No									
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.44	0	8.38	0	8.60	0	8.62	0

Client ID	Lab ID	RSS-SS43-D12-S-O A03-1141 01/14/2003	RSS-SS43-S-O A03-0437 01/13/2003	A3044817	A3043713	RSS-SS43-S-O A03-0440 01/14/2003	A3044013	RSS-SS44-S-O A03-0554 01/15/2003	A3055402
Job No									
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.89	0	11.1	0	11.1	0	7.98	0

Client ID Job No Sample Date	Lab ID	RSS-SS45-S-0 A03-0554 01/15/2003	A3055403	RSS-SS46-S-0 A03-0554 01/15/2003	A3055404	RSS-SS47-S-0 A03-0554 01/15/2003	A3055405	RSS-TP37-D23-S-0 A03-0577 01/16/2003	A3057705
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	8.00	0	8.15	0	8.51	0	7.47	0

Client ID Job No Sample Date	Lab ID	RSS-TP38-D23-S-0 A03-0577 01/16/2003	A3057702	RSS-TP43-D14-S-0 A03-0577 01/16/2003	A3057715	RSS-TP44-D14-S-0 A03-0577 01/16/2003	A3057716
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Leachable pH	S.U.	7.73	0	8.11	0	7.84	0

ANALYTICAL REPORT

Job#: A03-0872

STL Project#: NY2A8931

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - TCLP Surface Soil/Fill

Mr. James Manzella
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1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

02/06/2003

This report contains 549 pages which are individually numbered.

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000001

SAMPLE DATA SUMMARY PACKAGE

000002

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3044606	RSS-SS28-S-O	01/13/2003	12:30	01/14/2003	19:15
A3087201	RSS-SS28-S-O	01/13/2003	12:30	01/14/2003	19:15

METHODS SUMMARY

Job#: A03-0872STL Project#: NY2A8931Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Arsenic - Total	ASP95 6010
Barium - Total	ASP95 6010
Cadmium - Total	ASP95 6010
Chromium - Total	ASP95 6010
Lead - Total	ASP95 6010
Mercury - Total	ASP95 7471
Selenium - Total	ASP95 6010
Silver - Total	ASP95 6010
pH	CFR136 150.1
Synthetic Leaching Procedure	ASP95 1312
Toxicity Characteristic Leaching Procedure	SW8463 1311

References:

- ASP95 "Analytical Services Protocol", New York State Department of Conservation, September 1995
- CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.
- SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A03-0872STL Project#: NY2A8931Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0872

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

Metals Data

The following comments pertain to Metals Digestion Batch A3B01144 for TCLP Metals:

The original MS, SD for this job was placed arbitrarily on sample 08, therefore the MS and SD are poured from the preserved sample.

The duplicated LCS is the LFB which was poured from the preserved Extractor Blank.

The initial spike loss in the LCS is a factor of the time between original preservation and digestion.

Diminished analyte spike recovery appears in the LCS and occasionally in the sample QC. This could be due to a precipitated Silver complex that is insoluble in the LCS, however, spiked analytes have been recovered in sample matrix QA/QC aliquots.

Silver is especially sensitive to the length of time between the procedures. Silver will deteriorate after 48 hours and cannot be adequately recovered after 72 hours.

The duplicates are needed to demonstrate SW8463/6010 methodology compliance and correlate the initial spike degradation.

The original date for preservation was 01/18/03.

The spiking solutions are the SW8463 concentrations and not the ASP95 concentrations due to Metals Digestion receipt of the samples from Wet Chemistry while the samples were still on hold as per client request.

The following comments pertain to Metals Digestion Batch A3B01145 for SPLP Metals:

The original MS, SD and LCS are likely to have insufficient analyte recovery.

The duplicated MS, SD and the LFB are QA/QC poured from the preserved sample and Extractor Blank. The initial spike loss is a factor of the period of time between the original preservation and digestion. Spike loss appears mostly in the LCS and not in the sample QC. This could be due to a precipitated Ag complex that is insoluble in the LCS, however, spiked analytes have been recovered in sample matrix QA/QC aliquots.

Silver is especially sensitive to the length of time between the procedures. Silver will deteriorate after 48 hours and cannot be adequately recovered after 72 hours.

The duplicates are needed to demonstrate SW8463/6010 methodology compliance and correlate the initial spike degradation. The original date for preservation was 01/18/2003.

The spiking solutions are the SW8463 concentrations and not the ASP95 concentrations due to Metals Digestion receipt of the samples from Wet Chemistry while the samples were still on hold as per client request.

The following comments pertain to Mercury Digestion Batches A3B01163 and A3B01164 for TCLP and SPLP Metals:

The first LCS was spiked on 1/18/03 as per 3rd edition protocol (i.e. 4 ppb of Mercury).

The second LCS, MS, and SD were spiked on 02/04/2003 as per 3rd edition protocol (i.e. 4 ppb of Mercury).

Client requested ASP95 protocol, which calls for 1 ppb of Mercury in the MS and SD, when the samples came off of hold. 3rd edition spiking was originally requested by client before samples were taken off of hold, therefore, the MS and SD were spiked as per 3rd edition.

The second LCS was prepped to show that there was a loss of spike recovery in the first LCS due to the length of time between spiking and digestion.

The recovery of Silver fell below the quality control limits in sample RSS-SS28-S-0 MS SPLP. The LFB was acceptable.

The LCS percent recovery is below quality control limits for TCLP Silver and SPLP Silver.

SPLP Mercury was outside holding time for sample RSS-SS28-S-0.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

000007

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
RSS-SS28-S-O	A3087201	-	-	-	-	ASP95	ASP95

NYSDEC-1

000008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
RSS-SS28-S-O	SOIL	TCLP SPLP ME	01/14/2003	02/03,04/2003	02/04,06/2003

NYSDEC-5

000009

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
RSS-SS28-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SS28-S-O SPLP

Contract: NY01-315

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: A03-0872

Matrix (soil/water): WATER Lab Sample ID: AD304240

Level (low/med): LOW Date Received: 1/14/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.0	B		P
7440-39-3	Barium	396			P
7440-43-9	Cadmium	6.3			P
7440-47-3	Chromium	79.8			P
7439-92-1	Lead	230			P
7782-49-2	Selenium	8.7			P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	2.2	B	N	P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SS28-S-O TCLP

Contract: NY01-315

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A03-0872

Matrix (soil/water): WATER

Lab Sample ID: AD304240

Level (low/med): LOW

Date Received: 1/14/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	2300			P
7440-43-9	Cadmium	417			P
7440-47-3	Chromium	75.4			P
7439-92-1	Lead	1090			P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	1.0	U		P
7439-97-6	Mercury	0.158	U		CV

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000012

Client Sample No.

RSS-SS28-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATER

Lab Sample ID: A3087201

% Solids: 0.0

Date Samp/Recv: 01/13/2003 01/14/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
pH	S.U.	6.89				150.1	01/17/2003

Comments:

ANALYTICAL REPORT

Job#: A03-0644

STL Project#: NY2A8931

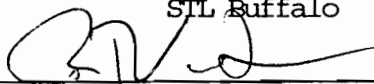
SDG#: 0644

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - TCLP Soil Probes

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

01/31/2003

This report contains 33 pages which are individually numbered.

Severn Trent Laboratories, Inc.

STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228

Tel 716 691 2600 Fax 716 691 7991 • www.st-inc.com

000001

SAMPLE DATA SUMMARY PACKAGE

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3057708	RSS-SP46-D04-S-0	01/17/2003	11:00	01/17/2003	21:35
A3057706	RSS-SP60-D48-S-0	01/17/2003	16:15	01/17/2003	21:35

METHODS SUMMARY

Job#: A03-0644STL Project#: NY2A8931SDG#: 0644Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
TVGA - ASP95 8260 - TCLP VOLATILES - S	ASP95 8260/5ML
TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S	ASP95 8270
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation, September 1995

NON-CONFORMANCE SUMMARY

Job#: A03-0644STL Project#: NY2A8931SDG#: 0644Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0644

Sample Cooler(s) were received at the following temperature(s); 2 °C
Volume for these sample is in job A03-0577.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

The recovery for spiking compound Pentachlorophenol was below client requested quality control limits in the Matrix Spike Blank A3B0076601 and the Matrix Spike Blank Duplicate A3B0076602. All samples were reextracted within hold and reanalyzed with compliant results. Both sets of data will be reported.

The recovery of spiking compound Hexachloroethane was below client requested quality control limits in the Matrix Spike Blank A3B0088301. However, the Matrix Spike Blank Duplicate A3B0088302 was compliant for this compound. No corrective action was required.

The relative percent difference between the Matrix Spike Blank A3B0076601 and the Matrix Spike Blank Duplicate A3B0076602 exceeded quality control criteria for Pyridine. However, all individual recoveries were compliant.

The relative percent difference between the Matrix Spike Blank A3B0088301 and the Matrix Spike Blank Duplicate A3B0088302 exceeded quality control criteria for Pyridine. However, all individual recoveries were compliant.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SP46-D04-S-0	A3057708	8260/5ML	10.00	007

000006

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

000007

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
RSS-SP46-D04-S-0	A3057708	ASP95	ASP95	-	-	-	ASP95
RSS-SP60-D48-S-0	A3057706	ASP95	-	-	-	-	ASP95

NYSDEC-1

000008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SP46-D04-S-0	SOIL	01/17/2003	01/17/2003	-	01/22/2003
RSS-SP60-D48-S-0	SOIL	01/17/2003	01/17/2003	-	01/22/2003

NYSDEC-2

000009

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SP46-D04-S-0	SOIL	01/17/2003	01/17/2003	01/22,28/2003	01/25,28/2003

NYSDEC-3

000010

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
RSS-SP46-D04-S-0	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SP60-D48-S-0	SOIL	ASP95	-	AS REQUIRED	AS REQUIRED

NYSDEC-6

000011

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
RSS-SP46-D04-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SP60-D48-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- † Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- * Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - ASP95 8260 - TCLP VOLATILES - S
 ANALYSIS DATA SHEET

000013

Client No

RSS-SP46-D04-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0644

Matrix: (soil/water) SOIL Lab Sample ID: A3057708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F7893.RR

Level: (low/med) LOW Date Samp/Recv: 01/17/2003 01/17/2003

% Moisture: not dec. 100.0 Heated Purge: N Date Analyzed: 01/23/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-01-4	Vinyl chloride		100	U
67-66-3	Chloroform		100	U
107-06-2	1,2-Dichloroethane		100	U
78-93-3	2-Butanone		100	U
56-23-5	Carbon Tetrachloride		100	U
79-01-6	Trichloroethene		1400	
71-43-2	Benzene		100	U
127-18-4	Tetrachloroethene		100	U
108-90-7	Chlorobenzene		100	U
75-35-4	1,1-Dichloroethene		100	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000014

Client No.

RSS-SP46-D04-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0644

Matrix: (soil/water) SOIL Lab Sample ID: A3057708

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: W50309.RR

Level: (low/med) LOW Date Samp/Recv: 01/17/2003 01/17/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 4.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene		80	U
121-14-2-----	2,4-Dinitrotoluene		80	U
118-74-1-----	Hexachlorobenzene		80	U
87-68-3-----	Hexachlorobutadiene		80	U
67-72-1-----	Hexachloroethane		80	U
108-39-4-----	3-Methylphenol		80	U
95-48-7-----	2-Methylphenol		80	U
106-44-5-----	4-Methylphenol		80	U
98-95-3-----	Nitrobenzene		80	U
87-86-5-----	Pentachlorophenol		200	U
110-86-1-----	Pyridine		800	U
95-95-4-----	2,4,5-Trichlorophenol		200	U
88-06-2-----	2,4,6-Trichlorophenol		80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000015

Client No.

RSS-SP46-D04-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0644

Matrix: (soil/water) SOIL Lab Sample ID: A3057708RE

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: W50323.RR

Level: (low/med) LOW Date Samp/Recv: 01/17/2003 01/17/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/28/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/28/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 4.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene	80	U
121-14-2-----	2,4-Dinitrotoluene	80	U
118-74-1-----	Hexachlorobenzene	80	U
87-68-3-----	Hexachlorobutadiene	80	U
67-72-1-----	Hexachloroethane	80	U
108-39-4-----	3-Methylphenol	80	U
95-48-7-----	2-Methylphenol	80	U
106-44-5-----	4-Methylphenol	80	U
98-95-3-----	Nitrobenzene	80	U
87-86-5-----	Pentachlorophenol	200	U
110-86-1-----	Pyridine	800	U
95-95-4-----	2,4,5-Trichlorophenol	200	U
88-06-2-----	2,4,6-Trichlorophenol	80	U

**SEVERN
TRENT**

STL

February 5, 2003

Mr. James Manzella
TVGA Consultants
1000 Maple Rd.
Elma, NY 14059

RE: **REVISION** for SDG 0644

Dear Mr. Manzella:

Please find enclosed the **revised** analytical report concerning sample RSS-SP60-D48-S-O. The additional pages have been numbered for replacement and/or insertion into the original report. The pertinent information regarding these analyses is listed below:

Project : Roblin Steel site - TCLP Soil Probes
SDG : 0644

If you have any questions concerning these data, please contact the Program Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide TVGA Consultants with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo



Ryan T. VanDette
Program Manager

RTV
Enclosure

I.D. #A03-0644
#NY2A8931

Severn Trent Laboratories, Inc.
STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
Tel 716 691 2600 Fax 716 691 7991 • www.stlinc.com

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - ASP95 8260 - TCLP VOLATILES - S
 SOIL SURROGATE RECOVERY

000020

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0644

Level (low/med): LOW

	Client Sample ID	BFB %REC #	DCE %REC #	TOL %REC #					TOT OUT
=====									
1	EBLK	99	104	100					0
2	MSB58	98	99	101					0
3	RSS-SP46-D04-S-0	98	106	101					0
4	RSS-SP60-D48-S-0	99	103	100					0
5	VBLK58	99	102	101					0

QC LIMITS

BFB = p-Bromofluorobenzene
 DCE = 1,2-Dichloroethane-D4
 TOL = Toluene-D8

(86-115)
 (76-114)
 (88-110)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - ASP95 8260 - TCLP VOLATILES - S
 ANALYSIS DATA SHEET

000013A

Client No.

RSS-SP60-D48-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0644

Matrix: (soil/water) SOIL Lab Sample ID: A3057706

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F7894.RR

Level: (low/med) LOW Date Samp/Recv: 01/17/2003 01/17/2003

% Moisture: not dec. 100.0 Heated Purge: N Date Analyzed: 01/23/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
75-01-4-----	Vinyl chloride	86	J
67-66-3-----	Chloroform	100	U
107-06-2-----	1,2-Dichloroethane	100	U
78-93-3-----	2-Butanone	100	U
56-23-5-----	Carbon Tetrachloride	100	U
79-01-6-----	Trichloroethene	100	U
71-43-2-----	Benzene	100	U
127-18-4-----	Tetrachloroethene	100	U
108-90-7-----	Chlorobenzene	100	U
75-35-4-----	1,1-Dichloroethene	100	U

ANALYTICAL REPORT

Job#: A03-0446

STL Project#: NY2A8931

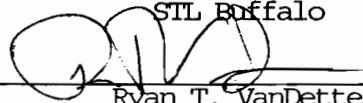
SDG#: 0446

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - TCLP Surface Soil/Fill

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

02/10/2003

This report contains 182 pages which are individually numbered.

000001

SAMPLE DATA SUMMARY PACKAGE

000002

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3044612	RSS-SS34-S-O	01/14/2003	11:30	01/14/2003	19:15

000003

METHODS SUMMARY

Job#: A03-0446

STL Project#: NY2A8931

SDG#: 0446

Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL</u>
	<u>METHOD</u>
TVGA 8270 - SPLP BASE NEUTRAL/ACID EXTRACTABLES-S	ASP95 8270
TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S	ASP95 8270
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
September 1995

NON-CONFORMANCE SUMMARY

Job#: A03-0446STL Project#: NY2A8931SDG#: 0446Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0446

Sample Cooler(s) were received at the following temperature(s); 4 °C
All samples were received in good condition.

GC/MS Semivolatile Data

The spike recovery for Hexachloroethane was below the laboratory quality control limit in the Matrix Spike Blank A3B0060801. Since the associated Matrix Spike Blank was compliant, no corrective action was performed.

The relative percent difference between the Matrix Spike Blank A3B0060801 and the Matrix Spike Blank Duplicate A3B0060802 exceeded quality control criteria for several analytes. However, all individual recoveries were compliant.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

000005

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
RSS-SS23-S-O	A3044601	-	-	-	-	-	ASP95
RSS-SS24-S-O	A3044602	-	-	-	-	-	ASP95
RSS-SS25-S-O	A3044603	-	-	-	-	-	ASP95
RSS-SS26-S-O	A3044604	-	-	-	-	-	ASP95
RSS-SS27-S-O	A3044605	-	-	-	-	-	ASP95
RSS-SS29-S-O	A3044607	-	-	-	-	-	ASP95
RSS-SS30-S-O	A3044608	-	-	-	-	-	ASP95
RSS-SS31-S-O	A3044609	-	-	-	-	-	ASP95
RSS-SS32-S-O	A3044610	-	-	-	-	-	ASP95
RSS-SS33-S-O	A3044611	-	-	-	-	-	ASP95
RSS-SS34-S-O	A3044612	-	ASP95	-	-	-	ASP95
RSS-SS35-S-O	A3044613	-	-	-	-	-	ASP95
RSS-SS36-S-O	A3044614	-	-	-	-	-	ASP95
RSS-SS37-S-O	A3044615	-	-	-	-	-	ASP95
RSS-SS38-S-O	A3044616	-	-	-	-	-	ASP95

NYSDEC-1

000006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
BN-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SS31-S-O	SOIL	01/13/2003	01/14/2003	01/17,21/2003	-
RSS-SS32-S-O	SOIL	01/13/2003	01/14/2003	01/17,21/2003	-
RSS-SS33-S-O	SOIL	01/14/2003	01/14/2003	01/17,21/2003	-
RSS-SS34-S-O	SOIL	01/14/2003	01/14/2003	01/17,21/2003	01/21,23,24/2003
RSS-SS35-S-O	SOIL	01/14/2003	01/14/2003	01/17,21/2003	-
RSS-SS36-S-O	SOIL	01/14/2003	01/14/2003	01/17,21/2003	-
RSS-SS37-S-O	SOIL	01/14/2003	01/14/2003	01/17,21/2003	-
RSS-SS38-S-O	SOIL	01/14/2003	01/14/2003	01/17,21/2003	-

NYSDEC-3

000007

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
RSS-SS31-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS32-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS33-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS34-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS35-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS36-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS37-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SS38-S-O	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED

NYSDEC-6

000008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
RSS-SS23-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS24-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS25-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS26-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS27-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS29-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
S-SS30-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS31-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS32-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS33-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS34-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS35-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS36-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS37-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS38-S-O	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED

DATA COMMENT PAGE**ORGANIC DATA QUALIFIERS**

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

T V G A ENGINEERING & SURVEYING, P. C.
TVGA 8270 - SPLP BASE NEUTRAL/ACID EXTRACTABLES-S
ANALYSIS DATA SHEET

Client No.
000010

RSS-SS34-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0446

Matrix: (soil/water) SOIL Lab Sample ID: A3044612

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54758.RR

Level: (low/med) LOW Date Samp/Recv: 01/14/2003 01/14/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene		80	U
121-14-2-----	2,4-Dinitrotoluene		80	U
118-74-1-----	Hexachlorobenzene		80	U
87-68-3-----	Hexachlorobutadiene		80	U
67-72-1-----	Hexachloroethane		80	U
108-39-4-----	3-Methylphenol		80	U
95-48-7-----	2-Methylphenol		80	U
106-44-5-----	4-Methylphenol		80	U
98-95-3-----	Nitrobenzene		80	U
87-86-5-----	Pentachlorophenol		200	U
110-86-1-----	Pyridine		800	U
95-95-4-----	2,4,5-Trichlorophenol		200	U
88-06-2-----	2,4,6-Trichlorophenol		80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000011

Client No.

RSS-SS34-S-O

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0446

Matrix: (soil/water) SOIL Lab Sample ID: A3044612

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: Z54797.RR

Level: (low/med) LOW Date Samp/Recv: 01/14/2003 01/14/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/23/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene	80	U
121-14-2-----	2,4-Dinitrotoluene	80	U
118-74-1-----	Hexachlorobenzene	80	U
87-68-3-----	Hexachlorobutadiene	80	U
67-72-1-----	Hexachloroethane	80	U
108-39-4-----	3-Methylphenol	80	U
95-48-7-----	2-Methylphenol	80	U
106-44-5-----	4-Methylphenol	80	U
98-95-3-----	Nitrobenzene	80	U
87-86-5-----	Pentachlorophenol	200	U
110-86-1-----	Pyridine	800	U
95-95-4-----	2,4,5-Trichlorophenol	200	U
88-06-2-----	2,4,6-Trichlorophenol	80	U

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000012

Client Sample No.

RSS-SS34-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: 0446

Matrix (soil/water): SOIL

Lab Sample ID: A3044612

% Solids: 0.0

Date Samp/Recv: 01/14/2003 01/14/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.96				9045	01/16/2003

Comments:

ANALYTICAL REPORT

Job#: A03-0553,A03-0555

STL Project#: NY2A8931

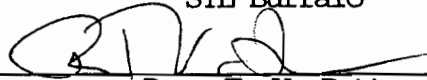
SDG#: 0553

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - TCLP Soil/Debris Pile

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

01/30/2003

This report contains 447 pages which are individually numbered.

Severn Trent Laboratories, Inc.

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000001

SAMPLE DATA SUMMARY PACKAGE

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3055301	RSS-SDP01-S-0	01/15/2003	09:05	01/16/2003	18:35
A3055501	RSS-SDP01-S-0	01/15/2003	09:05	01/16/2003	18:35
A3055302	RSS-SDP02-S-0	01/15/2003	09:45	01/16/2003	18:35
A3055502	RSS-SDP02-S-0	01/15/2003	09:45	01/16/2003	18:35
A3055303	RSS-SDP03-S-0	01/15/2003	10:10	01/16/2003	18:35
A3055503	RSS-SDP03-S-0	01/15/2003	10:10	01/16/2003	18:35
A3055304	RSS-SDP04-S-0	01/15/2003	10:30	01/16/2003	18:35
A3055504	RSS-SDP04-S-0	01/15/2003	10:30	01/16/2003	18:35
A3055305	RSS-SDP05-S-0	01/15/2003	11:00	01/16/2003	18:35
A3055505	RSS-SDP05-S-0	01/15/2003	11:00	01/16/2003	18:35

METHODS SUMMARY

Job#: A03-0553,A03-0555STL Project#: NY2A8931SDG#: 0553Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S	ASP95 8270
Arsenic - Total	ASP95 6010
Barium - Total	ASP95 6010
Cadmium - Total	ASP95 6010
Chromium - Total	ASP95 6010
Lead - Total	ASP95 6010
Mercury - Total	ASP95 7471
Selenium - Total	ASP95 6010
Silver - Total	ASP95 6010
Asbestos	OTHER PLM
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation, September 1995

OTHER Non-Standard Protocol and Method Defined by State, Client QAPP or Developed by Laboratory

NON-CONFORMANCE SUMMARY

Job#: A03-0553,A03-0555STL Project#: NY2A8931SDG#: 0553Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0553

Sample Cooler(s) were received at the following temperature(s); 2 °C

All samples were received in good condition.

A03-0555

Sample Cooler(s) were received at the following temperature(s); 2 °C

All samples were received in good condition.

GC/MS Semivolatile Data

The Matrix Spike Blank A3B0073001 and the Matrix Spike Blank Duplicate A3B0073002 had several compounds that were above the laboratory quality control limits. Since the results were biased high and the analytes were not detected in the sample, no corrective action was required.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

Asbestos analyses were performed by Chopra Lee, Inc. All data is included in this report as Appendix A.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
RSS-SDP01-S-0	A3055301	-	ASP95	-	-	ASP95	ASP95
RSS-SDP02-S-0	A3055302	-	ASP95	-	-	ASP95	ASP95
RSS-SDP03-S-0	A3055303	-	ASP95	-	-	ASP95	ASP95
SS-SDP04-S-0	A3055304	-	ASP95	-	-	ASP95	ASP95
RSS-SDP05-S-0	A3055305	-	ASP95	-	-	ASP95	ASP95

NYSDEC-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SDP01-S-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/24/2003
RSS-SDP02-S-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/24/2003
RSS-SDP03-S-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/24/2003
RSS-SDP04-S-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/24/2003
RSS-SDP05-S-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/24/2003

NYSDEC-3

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
RSS-SDP01-S-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SDP02-S-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SDP03-S-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SDP04-S-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SDP05-S-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003

NYSDEC-5

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
RSS-SDP01-S-0	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SDP02-S-0	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SDP03-S-0	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SDP04-S-0	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED
RSS-SDP05-S-0	SOIL	ASP95	SEPF	AS REQUIRED	AS REQUIRED

NYSDEC-6

000010

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
RSS-SDP01-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SDP02-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SDP03-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SDP04-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SDP05-S-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance The value obtained should be considered an estimate
- Indicates analysis is not within the quality control limits
- Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000012

Client No.

RSS-SDP01-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0553

Matrix: (soil/water) SOIL Lab Sample ID: A3055301

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54764.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

106-46-7-----	1,4-Dichlorobenzene	80	U
121-14-2-----	2,4-Dinitrotoluene	80	U
118-74-1-----	Hexachlorobenzene	80	U
87-68-3-----	Hexachlorobutadiene	80	U
67-72-1-----	Hexachloroethane	80	U
108-39-4-----	3-Methylphenol	80	U
95-48-7-----	2-Methylphenol	80	U
106-44-5-----	4-Methylphenol	80	U
98-95-3-----	Nitrobenzene	80	U
87-86-5-----	Pentachlorophenol	200	U
110-86-1-----	Pyridine	800	U
95-95-4-----	2,4,5-Trichlorophenol	200	U
88-06-2-----	2,4,6-Trichlorophenol	80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000013

Client No.

RSS-SDP02-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0553

Matrix: (soil/water) SOIL Lab Sample ID: A3055302

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54765.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene		80	U
121-14-2-----	2,4-Dinitrotoluene		80	U
118-74-1-----	Hexachlorobenzene		80	U
87-68-3-----	Hexachlorobutadiene		80	U
67-72-1-----	Hexachloroethane		80	U
108-39-4-----	3-Methylphenol		80	U
95-48-7-----	2-Methylphenol		80	U
106-44-5-----	4-Methylphenol		80	U
98-95-3-----	Nitrobenzene		80	U
87-86-5-----	Pentachlorophenol		200	U
110-86-1-----	Pyridine		800	U
95-95-4-----	2,4,5-Trichlorophenol		200	U
88-06-2-----	2,4,6-Trichlorophenol		80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000014

Client No.

RSS-SDP03-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0553

Matrix: (soil/water) SOIL Lab Sample ID: A3055303

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54766.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
106-46-7-----	1,4-Dichlorobenzene	80		U
121-14-2-----	2,4-Dinitrotoluene	80		U
118-74-1-----	Hexachlorobenzene	80		U
87-68-3-----	Hexachlorobutadiene	80		U
67-72-1-----	Hexachloroethane	80		U
108-39-4-----	3-Methylphenol	80		U
95-48-7-----	2-Methylphenol	80		U
106-44-5-----	4-Methylphenol	80		U
98-95-3-----	Nitrobenzene	80		U
87-86-5-----	Pentachlorophenol	200		U
110-86-1-----	Pyridine	800		U
95-95-4-----	2,4,5-Trichlorophenol	200		U
88-06-2-----	2,4,6-Trichlorophenol	80		U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000015

Client No.

RSS-SDP04-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0553

Matrix: (soil/water) SOIL Lab Sample ID: A3055304

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54767.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene	80	U
121-14-2-----	2,4-Dinitrotoluene	80	U
118-74-1-----	Hexachlorobenzene	80	U
87-68-3-----	Hexachlorobutadiene	80	U
67-72-1-----	Hexachloroethane	80	U
108-39-4-----	3-Methylphenol	80	U
95-48-7-----	2-Methylphenol	80	U
106-44-5-----	4-Methylphenol	80	U
98-95-3-----	Nitrobenzene	80	U
87-86-5-----	Pentachlorophenol	200	U
110-86-1-----	Pyridine	800	U
95-95-4-----	2,4,5-Trichlorophenol	200	U
88-06-2-----	2,4,6-Trichlorophenol	80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000016

Client No.

RSS-SDP05-S-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 0553

Matrix: (soil/water) SOIL Lab Sample ID: A3055305

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54768.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7	1,4-Dichlorobenzene		80	U
121-14-2	2,4-Dinitrotoluene		80	U
118-74-1	Hexachlorobenzene		80	U
87-68-3	Hexachlorobutadiene		80	U
67-72-1	Hexachloroethane		80	U
108-39-4	3-Methylphenol		80	U
95-48-7	2-Methylphenol		80	U
106-44-5	4-Methylphenol		80	U
98-95-3	Nitrobenzene		80	U
87-86-5	Pentachlorophenol		200	U
110-86-1	Pyridine		800	U
95-95-4	2,4,5-Trichlorophenol		200	U
88-06-2	2,4,6-Trichlorophenol		80	U

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SDP01-S-0

Contract: NY01-315Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 0553Matrix (soil/water): WATERLab Sample ID: AD302772Level (low/med): LOWDate Received: 1/16/03Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.3	B		P
7440-39-3	Barium	1550			P
7440-43-9	Cadmium	14.1			P
7440-47-3	Chromium	9.1	B		P
7439-92-1	Lead	231			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.193	B		CV
7440-22-4	Silver	0.50	U		P

Color Before: COLORLESSClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SDP02-S-0

Contract: NY01-315

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 0553

Matrix (soil/water): WATER Lab Sample ID: AD302773

Level (low/med): LOW Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.8			P
7440-39-3	Barium	2000			P
7440-43-9	Cadmium	8.2			P
7440-47-3	Chromium	56.7			P
7439-92-1	Lead	393			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: BROWN Clarity Before: CLOUDY Texture: NONE

Color After: BROWN Clarity After: CLEAR Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SDP03-S-0

Contract: NY01-315

Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 0553

Matrix (soil/water): WATER

Lab Sample ID: AD302774

Level (low/med): LOW

Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.2	B		P
7440-39-3	Barium	3300			P
7440-43-9	Cadmium	14.5			P
7440-47-3	Chromium	241			P
7439-92-1	Lead	266			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.210	B		CV
7440-22-4	Silver	0.50	U		P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SDP04-S-0

Contract: NY01-315Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 0553Matrix (soil/water): WATERLab Sample ID: AD302775Level (low/med): LOWDate Received: 1/16/03Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.0	U		P
7440-39-3	Barium	3060			P
7440-43-9	Cadmium	3.6	B		P
7440-47-3	Chromium	7.0	B		P
7439-92-1	Lead	36.6			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: COLORLESSClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SDP05-S-0

Contract: NY01-315

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: 0553

Matrix (soil/water): WATER

Lab Sample ID: AD302779

Level (low/med): LOW

Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.1	B		P
7440-39-3	Barium	7610			P
7440-43-9	Cadmium	1.4	B		P
7440-47-3	Chromium	7.4	B		P
7439-92-1	Lead	17.3			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000022

Client Sample No.

RSS-SDP01-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055301

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	7.08				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000023

Client Sample No.

RSS-SDP01-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055501

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Asbestos	INVALID	0	U			PLM	01/23/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000024

Client Sample No.

RSS-SDP02-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055302

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	7.85				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000025

Client Sample No.

RSS-SDP02-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055502

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Asbestos	INVALID	0	U			PLM	01/23/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000026

Client Sample No.

RSS-SDP03-S-0

Location: STL Buffalo

Contract: _____

Lab Code: RECNV

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055303

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.49				9045	01/22/2003

Comments:

Client Sample No.

RSS-SDP03-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055503

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Asbestos	INVALID	0	U			PLM	01/23/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000028

Client Sample No.

RSS-SDP04-S-0

Location: STL Buffalo

Contract: _____

Lab Code: RECNV

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055304

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.95				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000029

Client Sample No.

RSS-SDP04-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055504

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Asbestos	INVALID	0 U				PLM	01/23/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000030

Client Sample No.

RSS-SDP05-S-0

Location Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055305

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.84				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000031

Client Sample No.

RSS-SDP05-S-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: 0553

Matrix (soil/water): SOIL

Lab Sample ID: A3055505

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Asbestos	INVALID	0	U			PLM	01/23/2003

Comments:

ANALYTICAL REPORT

Job#: A03-0557,A03-0836

STL Project#: NY2A8931

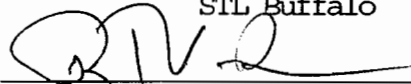
SDG#: 0557

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - TCLP Wood Floor Blocks

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

02/04/2003

This report contains 702 pages which are individually numbered.

Severn Trent Laboratories, Inc.

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000001

SAMPLE DATA SUMMARY PACKAGE

000002

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3055701	RSS-SS48-WD-0	01/15/2003	12:00	01/16/2003	18:35
A3083601	RSS-SS48-WD-0	01/15/2003	12:00	01/23/2003	12:00
A3055702	RSS-SS49-WD-0	01/15/2003	12:15	01/16/2003	18:35
A3083602	RSS-SS49-WD-0	01/15/2003	12:15	01/23/2003	12:00
A3055703	RSS-SS50-WD-0	01/15/2003	12:25	01/16/2003	18:35
A3083603	RSS-SS50-WD-0	01/15/2003	12:25	01/23/2003	12:00

000003

METHODS SUMMARY

Job#: A03-0557,A03-0836

STL Project#: NY2A8931

SDG#: 0557

Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL</u>	
	<u>METHOD</u>	
TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S	ASP95	8270
TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S	ASP95	8082
Arsenic - Total	ASP95	6010
Barium - Total	ASP95	6010
Cadmium - Total	ASP95	6010
Chromium - Total	ASP95	6010
Lead - Total	ASP95	6010
Mercury - Total	ASP95	7471
Selenium - Total	ASP95	6010
Silver - Total	ASP95	6010
Leachable pH	ASP95	9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
September 1995

NON-CONFORMANCE SUMMARY

Job#: A03-0557,A03-0836STL Project#: NY2A8931SDG#: 0557Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0557

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

A03-0836

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

GC/MS Semivolatile Data

The Matrix Spike Blank A3B0073001 and the Matrix Spike Blank Duplicate A3B0073002 had several compounds that were above the laboratory quality control limits. Since the results were biased high and the analytes were not detected in the sample, no corrective action was required.

GC Extractable Data

For method 8082, the recovery of surrogate Tetrachloro-m-xylene in sample RSS-SS50-WD-0 is outside of established quality control limits. The recovery of surrogate Decachlorobiphenyl is within quality control criteria; no corrective action is required.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SS48-WD-0	A3055701	8270	5.00	012
RSS-SS49-WD-0	A3055702	8270	5.00	012
RSS-SS48-WD-0	A3083601	8082	5.00	008

000008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

000007

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
RSS-SS48-WD-0	A3055701	-	ASP95	-	ASP95	ASP95	ASP95
RSS-SS49-WD-0	A3055702	-	ASP95	-	ASP95	ASP95	ASP95
RSS-SS50-WD-0	A3055703	-	ASP95	-	ASP95	ASP95	ASP95

NYSDEC-1

000003

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SS48-WD-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/27/2003
RSS-SS49-WD-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/27/2003
RSS-SS50-WD-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/27/2003

NYSDEC-3

000009

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SS48-WD-0	SOIL	01/15/2003	01/16/2003	01/23,30/2003	01/25,30/2003
RSS-SS49-WD-0	SOIL	01/15/2003	01/16/2003	01/23,30/2003	01/25,30/2003
RSS-SS50-WD-0	SOIL	01/15/2003	01/16/2003	01/23,30/2003	01/30/2003

NYSDEC-4

000010

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
RSS-SS48-WD-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SS49-WD-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SS50-WD-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003

NYSDEC-5

000911

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
RSS-SS48-WD-0	SOIL	ASP95	SONC	AS REQUIRED	AS REQUIRED
RSS-SS49-WD-0	SOIL	ASP95	SONC	AS REQUIRED	AS REQUIRED
RSS-SS50-WD-0	SOIL	ASP95	SONC	AS REQUIRED	AS REQUIRED

NYSDEC-6

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
RSS-SS48-WD-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS49-WD-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SS50-WD-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ' Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- * Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000014

Client No.

RSS-SS48-WD-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0557

Matrix: (soil/water) SOIL Lab Sample ID: A3055701

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54774.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/2003

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 5.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene	400		U
121-14-2-----	2,4-Dinitrotoluene	400		U
118-74-1-----	Hexachlorobenzene	400		U
87-68-3-----	Hexachlorobutadiene	400		U
67-72-1-----	Hexachloroethane	400		U
108-39-4-----	3-Methylphenol	400		U
95-48-7-----	2-Methylphenol	400		U
106-44-5-----	4-Methylphenol	400		U
98-95-3-----	Nitrobenzene	400		U
87-86-5-----	Pentachlorophenol	1000		U
110-86-1-----	Pyridine	4000		U
95-95-4-----	2,4,5-Trichlorophenol	1000		U
88-06-2-----	2,4,6-Trichlorophenol	400		U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000015

Client No.

RSS-SS49-WD-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0557

Matrix: (soil/water) SOIL Lab Sample ID: A3055702

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54775.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/2003

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 5.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7	1,4-Dichlorobenzene	400		U
121-14-2	2,4-Dinitrotoluene	400		U
118-74-1	Hexachlorobenzene	400		U
87-68-3	Hexachlorobutadiene	400		U
67-72-1	Hexachloroethane	400		U
108-39-4	3-Methylphenol	230		J
95-48-7	2-Methylphenol	87		J
106-44-5	4-Methylphenol	230		J
98-95-3	Nitrobenzene	400		U
87-86-5	Pentachlorophenol	1000		U
110-86-1	Pyridine	4000		U
95-95-4	2,4,5-Trichlorophenol	1000		U
88-06-2	2,4,6-Trichlorophenol	400		U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000016

Client No.

RSS-SS50-WD-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0557

Matrix: (soil/water) SOIL Lab Sample ID: A3055703

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54776.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene		80	U
121-14-2-----	2,4-Dinitrotoluene		80	U
118-74-1-----	Hexachlorobenzene		80	U
87-68-3-----	Hexachlorobutadiene		80	U
67-72-1-----	Hexachloroethane		80	U
108-39-4-----	3-Methylphenol		80	U
95-48-7-----	2-Methylphenol		80	U
106-44-5-----	4-Methylphenol		80	U
98-95-3-----	Nitrobenzene		80	U
87-86-5-----	Pentachlorophenol		200	U
110-86-1-----	Pyridine		800	U
95-95-4-----	2,4,5-Trichlorophenol		200	U
88-06-2-----	2,4,6-Trichlorophenol		80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S
 ANALYSIS DATA SHEET

000017

Client No.

RSS-SS48-WD-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0557

Matrix: (soil/water) SOIL Lab Sample ID: A3083601

Sample wt/vol: 30.41 (g/mL) G Lab File ID: PA04618.TX0

% Moisture: 33.8 decanted: (Y/N) N Date Samp/Recv: 01/15/2003 01/23/2003

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 01/30/2003

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/30/2003

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	120	U
11104-28-2----	Aroclor 1221	120	U
11141-16-5----	Aroclor 1232	120	U
53469-21-9----	Aroclor 1242	120	U
12672-29-6----	Aroclor 1248	320	U
11097-69-1----	Aroclor 1254	120	U
11096-82-5----	Aroclor 1260	460	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S
 ANALYSIS DATA SHEET

000018

Client No.

RSS-SS49-WD-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0557

Matrix: (soil/water) SOIL

Lab Sample ID: A3083602

Sample wt/vol: 30.91 (g/mL) G

Lab File ID: PA04619.TX0

% Moisture: 28.0 decanted: (Y/N) N

Date Samp/Recv: 01/15/2003 01/23/2003

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 01/30/2003

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/30/2003

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
12674-11-2----	Aroclor 1016	22 U
11104-28-2- 75	Aroclor 1221	22 U
11141-16-5- 45	Aroclor 1232	22 U
53469-21-9----	Aroclor 1242	22 U
1672-29-6----	Aroclor 1248	31
1097-69-1----	Aroclor 1254	22 U
11096-82-5----	Aroclor 1260	220

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S
 ANALYSIS DATA SHEET

000019

Client No.

RSS-SS50-WD-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0557

Matrix: (soil/water) SOIL Lab Sample ID: A3083603

Sample wt/vol: 30.75 (g/mL) G Lab File ID: PA04622.TX0

% Moisture: 37.8 decanted: (Y/N) N Date Samp/Recv: 01/15/2003 01/23/2003

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 01/30/2003

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/30/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	26	U
11104-28-2----	Aroclor 1221	26	U
11141-16-5----	Aroclor 1232	26	U
53469-21-9----	Aroclor 1242	26	U
12672-29-6----	Aroclor 1248	51	
11097-69-1----	Aroclor 1254	26	U
11096-82-5----	Aroclor 1260	23	J

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SS48-WD-0

Contract: NY01-315

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 0557

Matrix (soil/water): WATER Lab Sample ID: AD302782

Level (low/med): LOW Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.3	B		P
7440-39-3	Barium	661			P
7440-43-9	Cadmium	2.6	B		P
7440-47-3	Chromium	19.6			P
7439-92-1	Lead	166			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: BROWN Clarity Before: CLOUDY Texture: NONE

Color After: BROWN Clarity After: CLOUDY Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SS49-WD-0

Contract: NY01-315Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 0557Matrix (soil/water): WATERLab Sample ID: AD302783Level (low/med): LOWDate Received: 1/16/03Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.8	B		P
7440-39-3	Barium	679			P
7440-43-9	Cadmium	3.3	B		P
7440-47-3	Chromium	6.5	B		P
7439-92-1	Lead	108			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: COLORLESSClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SS50-WD-0

Contract: NY01-315

Lab Code: STLBFL0

Case No.: _____

SAS No.: _____

SDG NO.: 0557

Matrix (soil/water): WATER

Lab Sample ID: AD302784

Level (low/med): LOW

Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.0	U		P
7440-39-3	Barium	597			P
7440-43-9	Cadmium	4.2	B		P
7440-47-3	Chromium	7.2	B		P
7439-92-1	Lead	46.4			P
7782-49-2	Selenium	4.1	B		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: NONE

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000023

Client Sample No.

RSS-SS48-WD-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: 0557

Matrix (soil/water): SOIL

Lab Sample ID: A3055701

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.69				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000024

Client Sample No.

RSS-SS49-WD-0

Location: SIL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0557

Matrix (soil/water): SOIL

Lab Sample ID: A3055702

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.32				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000025

Client Sample No.

RSS-SS50-WD-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: 0557

Matrix (soil/water): SOIL

Lab Sample ID: A3055703

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.20				9045	01/22/2003

Comments:

ANALYTICAL REPORT

Job#: A03-0556

STL Project#: NY2A8931

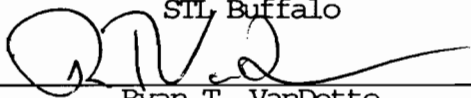
SDG#: 0556

Site Name: TVGA - ROBLIN STEEL SITE

Task: Roblin Steel Site SI/RAR - TCLP Sediment

Mr. James Manzella
TVGA
1000 Maple Rd
Elma, NY 14059-0264

STL Buffalo



Ryan T. VanDette
Project Manager

02/04/2003

This report contains 99/10 pages which are individually numbered.

Severn Trent Laboratories, Inc.

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000001

SAMPLE DATA SUMMARY PACKAGE

000002

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3055602	RSS-SMP01-SLD-0	01/16/2002	09:20	01/16/2003	18:35
A3055601	RSS-SMP06-SED-0	01/15/2003	16:10	01/16/2003	18:35

METHODS SUMMARY

Job#: A03-0556STL Project#: NY2A8931SDG#: 0556Site Name: TVGA - ROBLIN STEEL SITE

<u>PARAMETER</u>	<u>ANALYTICAL</u>
	<u>METHOD</u>
TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S	ASP95 8270
TVGA - ASP95 8081 - TCLP PESTICIDES - S	ASP95 8081
TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S	ASP95 8082
Arsenic - Total	ASP95 6010
Barium - Total	ASP95 6010
Cadmium - Total	ASP95 6010
Chromium - Total	ASP95 6010
Lead - Total	ASP95 6010
Mercury - Total	ASP95 7471
Selenium - Total	ASP95 6010
Silver - Total	ASP95 6010
Leachable pH	ASP95 9045

References:

ASP95 "Analytical Services Protocol", New York State Department of Conservation,
September 1995

NON-CONFORMANCE SUMMARY

Job#: A03-0556STL Project#: NY2A8931SDG#: 0556Site Name: TVGA - ROBLIN STEEL SITEGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-0556

Sample Cooler(s) were received at the following temperature(s); 2 °C
All samples were received in good condition.

GC/MS Semivolatile Data

The Matrix Spike Blank A3B0073001 and the Matrix Spike Blank Duplicate A3B0073002 had several compounds that were above the laboratory quality control limits. Since the results were biased high and the analytes were not detected in the sample, no corrective action was required.

GC Extractable Data

For method 8081, a single point calibration was run for both Technical Chlordane and Toxaphene to use for a pattern match. All samples were graphically compared and are non-detect for these multi-component pesticides, and the run data for the standards is included with the standards summary.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

000006

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
RSS-SMP06-SED-0	A3055601	Barium - Total	5.00	008
RSS-SMP01-SLD-0	A3055602	8082	5.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

000007

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
RSS-SMP01-SLD-0	A3055602	-	ASP95	-	ASP95	ASP95	ASP95
RSS-SMP06-SED-0	A3055601	-	ASP95	-	ASP95	ASP95	ASP95

NYSDEC-1

000003

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SMP01-SLD-0	SOIL	01/16/2002	01/16/2003	01/21/2003	01/24/2003
RSS-SMP06-SED-0	SOIL	01/15/2003	01/16/2003	01/21/2003	01/24/2003

NYSDEC-3

000009

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
RSS-SMP01-SLD-0	SOIL	01/16/2002	01/16/2003	01/21,23/2003	01/25,27/2003
RSS-SMP06-SED-0	SOIL	01/15/2003	01/16/2003	01/21,23/2003	01/25,26/2003

NYSDEC-4

000010

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
RSS-SMP01-SLD-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22/2003
RSS-SMP06-SED-0	SOIL	TCLP ME	01/16/2003	01/21/2003	01/21,22,24/2003

NYSDEC-5

000011

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
RSS-SMP01-SLD-0	SOIL	ASP95	SONC; SEPF	AS REQUIRED	AS REQUIRED
RSS-SMP06-SED-0	SOIL	ASP95	SONC; SEPF	AS REQUIRED	AS REQUIRED

NYSDEC-6

000012

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
RSS-SMP01-SLD-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED
RSS-SMP06-SED-0	SOIL	ASP95	ASP95	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- † Indicates coelution.
- Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000014

Client No.

J-0860

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL Lab Sample ID: A3055603

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54771.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene		80	U
121-14-2-----	2,4-Dinitrotoluene		80	U
118-74-1-----	Hexachlorobenzene		80	U
87-68-3-----	Hexachlorobutadiene		80	U
67-72-1-----	Hexachloroethane		80	U
108-39-4-----	3-Methylphenol		80	U
95-48-7-----	2-Methylphenol		80	U
106-44-5-----	4-Methylphenol		80	U
98-95-3-----	Nitrobenzene		80	U
87-86-5-----	Pentachlorophenol		200	U
110-86-1-----	Pyridine		800	U
95-95-4-----	2,4,5-Trichlorophenol		200	U
88-06-2-----	2,4,6-Trichlorophenol		80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000015

Client No.

RSS-SMP06-SED-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL Lab Sample ID: A3055601

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54769.RR

Level: (low/med) LOW Date Samp/Recv: 01/15/2003 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

EPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene	80	U
121-14-2-----	2,4-Dinitrotoluene	80	U
118-74-1-----	Hexachlorobenzene	80	U
87-68-3-----	Hexachlorobutadiene	80	U
67-72-1-----	Hexachloroethane	80	U
108-39-4-----	3-Methylphenol	80	U
95-48-7-----	2-Methylphenol	80	U
106-44-5-----	4-Methylphenol	80	U
98-95-3-----	Nitrobenzene	80	U
87-86-5-----	Pentachlorophenol	200	U
110-86-1-----	Pyridine	800	U
95-95-4-----	2,4,5-Trichlorophenol	200	U
88-06-2-----	2,4,6-Trichlorophenol	80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES-S
 ANALYSIS DATA SHEET

000016

Client No.

RSS-SMP01-SLD-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL Lab Sample ID: A3055602

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: X54770.RR

Level: (low/med) LOW Date Samp/Recv: 01/16/2002 01/16/2003

% Moisture: 100.0 decanted: (Y/N) N Date Extracted: 01/23/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/24/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
106-46-7-----	1,4-Dichlorobenzene		80	U
121-14-2-----	2,4-Dinitrotoluene		80	U
118-74-1-----	Hexachlorobenzene		80	U
87-68-3-----	Hexachlorobutadiene		80	U
67-72-1-----	Hexachloroethane		80	U
108-39-4-----	3-Methylphenol		80	U
95-48-7-----	2-Methylphenol		80	U
106-44-5-----	4-Methylphenol		80	U
98-95-3-----	Nitrobenzene		80	U
87-86-5-----	Pentachlorophenol		200	U
110-86-1-----	Pyridine		800	U
95-95-4-----	2,4,5-Trichlorophenol		200	U
88-06-2-----	2,4,6-Trichlorophenol		80	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - ASP95 8081 - TCLP PESTICIDES - S
 ANALYSIS DATA SHEET

000017

Client No.

RSS-SMP01-SLD-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL Lab Sample ID: A3055602

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: RA23133.TX0

% Moisture: 100.0 decanted: (Y/N) N Date Samp/Recv: 01/16/2002 01/16/2003

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 01/23/2003

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/27/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
58-89-9-----	gamma-BHC (Lindane)	0.20 U
57-74-9-----	Chlordane	2.0 U
72-20-8-----	Endrin	0.40 U
76-44-8-----	Heptachlor	0.20 U
1024-57-3-----	Heptachlor epoxide	0.20 U
72-43-5-----	Methoxychlor	2.0 U
8001-35-2-----	Toxaphene	4.0 U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - ASP95 8081 - TCLP PESTICIDES - S
 ANALYSIS DATA SHEET

000018

Client No.

RSS-SMP06-SED-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL

Lab Sample ID: A3055601

Sample wt/vol: 250.00 (g/mL) ML

Lab File ID: RA23128.TX0

% Moisture: 100.0 decanted: (Y/N) N

Date Samp/Recv: 01/15/2003 01/16/2003

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 01/23/2003

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/26/2003

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
58-89-9-----	gamma-BHC (Lindane)	0.20	U
57-74-9-----	Chlordane	2.0	U
72-20-8-----	Endrin	0.40	U
76-44-8-----	Heptachlor	0.20	U
124-57-3-----	Heptachlor epoxide	0.20	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2-----	Toxaphene	4.0	U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - ASP95 8081 - TCLP PESTICIDES - S
 ANALYSIS DATA SHEET

000019

Client No.

J-0860

Lab Name: STL Buffalo Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL Lab Sample ID: A3055603

Sample wt/vol: 250.00 (g/mL) ML Lab File ID: RA23134.TX0

% Moisture: 100.0 decanted: (Y/N) N Date Samp/Recv: 01/15/2003 01/16/2003

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 01/23/2003

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/27/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
58-89-9-----	gamma-BHC (Lindane)	0.20 U
57-74-9-----	Chlordane	2.0 U
72-20-8-----	Endrin	0.40 U
76-44-8-----	Heptachlor	0.20 U
1024-57-3-----	Heptachlor epoxide	0.20 U
72-43-5-----	Methoxychlor	2.0 U
8001-35-2-----	Toxaphene	4.0 U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S
 ANALYSIS DATA SHEET

000020

Client No.

RSS-SMP01-SLD-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL

Lab Sample ID: A3055602

Sample wt/vol: 30.39 (g/mL) G

Lab File ID: PB04455.TX0

% Moisture: 29.2 decanted: (Y/N) N

Date Samp/Recv: 01/16/2002 01/16/2003

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 01/23/2003

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/2003

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 8.78

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
12674-11-2----	Aroclor 1016	120 U
11104-28-2----	Aroclor 1221	120 U
11141-16-5----	Aroclor 1232	120 U
3469-21-9----	Aroclor 1242	120 U
2672-29-6----	Aroclor 1248	120 U
11097-69-1----	Aroclor 1254	1900 U
11096-82-5----	Aroclor 1260	120 U

T V G A ENGINEERING & SURVEYING, P. C.
 TVGA - METHOD 8082 - POLYCHLORINATED BIPHENYLS - S
 ANALYSIS DATA SHEET

000021

Client No.

RSS-SMP06-SED-0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0556

Matrix: (soil/water) SOIL Lab Sample ID: A3055601

Sample wt/vol: 30.07 (g/mL) G Lab File ID: PB04452.TX0

% Moisture: 26.0 decanted: (Y/N) N Date Samp/Recv: 01/15/2003 01/16/2003

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 01/23/2003

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/25/2003

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.47 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	22	U
11104-28-2----	Aroclor 1221	22	U
11141-16-5----	Aroclor 1232	22	U
53469-21-9----	Aroclor 1242	22	U
12672-29-6----	Aroclor 1248	22	U
11097-69-1----	Aroclor 1254	150	
11096-82-5----	Aroclor 1260	140	

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SMP01-SLD-0

Contract: NY01-315

Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 0556

Matrix (soil/water): WATER

Lab Sample ID: AD302781

Level (low/med): LOW

Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.6	B		P
7440-39-3	Barium	8110			P
7440-43-9	Cadmium	1.1	B		P
7440-47-3	Chromium	10.1			P
7439-92-1	Lead	303			P
7782-49-2	Selenium	12.2			P
7439-97-6	Mercury	0.390			CV
7440-22-4	Silver	0.50	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts: _____

Comments: _____

TVGA ENGINEERING & SURVEYING, P.C.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RSS-SMP06-SED-0

Contract: NY01-315

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 0556

Matrix (soil/water): WATER Lab Sample ID: AD302780

Level (low/med): LOW Date Received: 1/16/03

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.0	U		P
7440-39-3	Barium	10600			P
7440-43-9	Cadmium	10.8			P
7440-47-3	Chromium	3.5	B		P
7439-92-1	Lead	326			P
7782-49-2	Selenium	4.0	U		P
7439-97-6	Mercury	0.158	U		CV
7440-22-4	Silver	0.50	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000024

Client Sample No.

RSS-SMP01-SLD-0

Location: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: 0556

Matrix (soil/water): SOIL

Lab Sample ID: A3055602

% Solids: 0.0

Date Samp/Recv: 01/16/2002 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.78				9045	01/22/2003

Comments:

T V G A Engineering & Surveying, P. C.
Wet Chemistry Analysis

000025

Client Sample No.

RSS-SMP06-SED-0

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0556

Matrix (soil/water): SOIL

Lab Sample ID: A3055601

% Solids: 0.0

Date Samp/Recv: 01/15/2003 01/16/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	8.47				9045	01/22/2003

Comments:

APPENDIX G

CHAIN OF CUSTODY FORMS

Chain of Custody Record

STL-4124 (0901)

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

Client: **TVA Consultants** Project Manager: **Terry Reid** Date: **10-8-02** Chain of Custody Number: **135527**
 Address: **1000 Maple Road** Telephone Number (Area Code)/Fax Number: **(716) 655-8842** Lab Number: _____
 City: _____ State: **NY** Zip Code: **14055** Fax: **(716) 655-0937** Page: **1** of **1**
 E-Mail: _____ Site Contact: **James Manzella** Lab Contact: **Ryan Van Dette**
 Project Name and Location (State): **Robin Steg** Carrier/Waybill Number: _____

Contract/Purchase Order/Quote No. _____
 Analysis (Attach list if more space is needed):
 ASP-VOA
 ASP-PCB/PST
 TAL Metals
 CN by ASP

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Special Instructions/ Conditions of Receipt	
			Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH		
RSS-MW12IF-GW-0	10-8-02	10:10												Sample was filtered in the field analyze for Dissolved Metals & CN
RSS-MW06IF-GW-0		11:05												
RSS-MW11IF-GW-0		12:15												
RSS-MW09IF-GW-0		12:50												
Existing-MW09IF-GW-0		14:00												
Existing-MW10IF-GW-0		14:35												
Existing-MW11IF-GW-0		15:00												This sample EX-MWD Not submitted this day
Existing-MW12IF-GW-0														
RSS-MW06IF-GW-MS		11:10												
RSS-MW06IF-GW-MD		11:15												
RSS-MWXX-GW-FO		15:05												
RSS-TRIP02-TB	10-8-02	11:35												140ml VOA

Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown Disposal By Lab Archive For _____ Months Return To Client Sample Disposal

Turn Around Time Required:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

QC Requirements (Specify):
 1. Relinquished By: **James C. Manzella** Date: **10/8/02** Time: **2:00**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

Received By: _____ Date: **10/8/02** Time: **2:00**
 Received By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

Comments: _____

Chain of Custody Record

STL-4124 (0901)

Client: **TVA Consultants**
 Address: **1000 Maple Road**
 City: **Elmira** State: **NY** Zip Code: **14053**
 Project Name and Location (State): **Roblin Steel**
 Contract/Purchase Order/Quote No.: _____

Project Manager: **Terry Reid**
 Telephone Number (Area Code)/Fax Number: **(716) 655-8842** Fax: **(716) 655-0937**
 Site Contact: **James Manzella** Lab Contact: **Ryan Van Dette**
 Carrier/Maybill Number: _____

Date: **10-11-02** Chain of Custody Number: **135549**
 Lab Number: _____ Page **2** of **2**

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/NaOH			
RSS-MW01-IF-GW-0	10-11-02	14:50						1/2						ASP-VOA ASP-SVON ASP-RB/Res TAL-Metals Y8/14 Y8/14	Total Metals 1-802/4NO Total Metals 1-402/4NO
RSS-MW03-RK-GW-0		15:35						1/2							
RSS-MW02-IF-GW-0		15:55						1/2							
RSS-MW08-IF-GW-0		16:10						1/2							
RSS-MW05-RK-GW-0		15:30						1/2							
RSS-TRIP04-TB		XX													
RSS-MWX-GW-FD															

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 _____

QC Requirements (Specify)
 1. Relinquished By _____ Date: **10-11-02** Time: **18:45**
 2. Relinquished By _____ Date: _____ Time: _____
 3. Relinquished By _____ Date: _____ Time: _____

Comments: _____

Chain of Custody Record

STL-4124 (0901)

Client: TVGA Consultants
 Address: 1000 Maple Road
 City: L Irid State: NY Zip Code: 14059
 Project Name and Location (State):
 Contract/Purchase Order/Quote No.:

Project Manager: Terry Ried
 Telephone Number (Area Code)/Fax Number: (716) 655-8342
 Site Contact: James Manzella
 Carrier/Waybill Number:
 Lab Contact: Ryan Vanuette

Date: 10-1-02
 Lab Number:
 Page: 1 of 1

Chain of Custody Number: 14663

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix						Containers & Preservatives						Special Instructions/ Conditions of Receipt		
			Aqueous	Sed	Soil	Sludge	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH					
RSS - SMP01-SLD-0	10-1-02	11:00			X	X											
RSS - SMP02-05-SLD-0	10-1-02	11:20			X	X											
RSS - SMP06-SE0-0	10-1-02	11:35		X													
RSS - SMP07-08-SLD-0	10-1-02	12:00		X													
RSS - SMP09-SE0-0	10-1-02	12:30		X													
RSS - SMP09-SE0-MS	10-1-02	12:30		X													
RSS - SMP09-SE0-MD/ MSD	10-1-02	12:30		X													MSD - 10/1/02 15 min

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 _____

QC Requirements (Specify):

1. Relinquished By: *James Manzella* Date: 10-1-02 Time: 19:00
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

1. Received By: *James Manzella* Date: 10/1/02 Time: 11:00
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments:

Chain of Custody Record

STL-4124 (0901)

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

Client: **TVGA Consultants** Project Manager: **Terry Ried** Chain of Custody Number: **114661**
 Address: **1000 Maple Road** Telephone Number (Area Code)/Fax Number: **(716) 655-8342** Fax: **(716) 655-0937** Lab Number: **4-23-02**
 City: **Elmira** State: **NY** Zip Code: **14859** Lab Contact: **Ryan VanDette** Page: **1** of **1**

Project Name and Location (State): **Roblin Steel** Site Contact: **James Manzella** Lab Contact: **Ryan VanDette**
 Contract/Purchase Order/Quote No. Carrier/Waybill Number

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	
			Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH			
RSS-TB10-0810-5-0	9-23-02	9:50		X			X							Received
RSS-OF01-SED-0	9-24-02	14:30		X			X							10c
RSS-HC01-SED-0	9-24-02	16:00		X			X							(PMP)
RSS-HC02-SED-0	9-24-02	16:15		X			X							

Possible Hazard Identification
 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
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

QC Requirements (Specify)

1. Relinquished By: **James Manzella** Date: **9-24-02** Time: **19:00**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

1. Received By: **James Manzella** Date: **9-24-02** Time: **19:00**
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments

Chain of Custody Record

STL-4124 (0901)

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

Client TVGA Consultants		Project Manager Terry Reid		Date 9-18-02		Chain of Custody Number 135551	
Address 1000 Maple Road		Telephone Number (Area Code)/Fax Number (716) 655-8842		Lab Number		Page 1 of 1	
City NY		State NY		Zip Code 14059		Fax: (716) 655-0937	
E-Mail		Site Contact James Marzella		Lab Contact KYan Van Dette		Analysis (Attach list if more space is needed)	
Project Name and Location (State) Koblin Steel		Carrier/Waybill Number		Carrier/Waybill Number		Special Instructions/ Conditions of Receipt	
Contract/Purchase Order/Quote No.		Carrier/Waybill Number		Carrier/Waybill Number		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					Special Instructions/ Conditions of Receipt				
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH					
RSS-TB05-0410-S-0	9-18-02	9:50		X		X		X									
RSS-TB05-0410-S-MS	9-18-02	9:50		X		X		X									
RSS-TB05-0410-S-MD	9-18-02	9:50		X		X		X									
RSS-TB06-01018-S-0	9-18-02	16:35		X		X		X									
RSS-TB08-0610-S-0	9-18-02	17:30		X		X		X									
RSS-TB07-004-S-0	9-19-02	12:45		X		X		X									

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

Turn Around Time Required	<input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 7 Days <input type="checkbox"/> 14 Days <input type="checkbox"/> 21 Days <input type="checkbox"/> Other
Sample Disposal	<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
QC Requirements (Specify)	
1. Relinquished By	Date 9-18-02 Time 10:15
2. Relinquished By	Date _____ Time _____
3. Relinquished By	Date _____ Time _____

Comments

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

Chain of Custody Record

STL-4124 (0901)

Client: **TVGA Consultants**
 Address: **1000 Maple Road**
 City: **Elme** State: **NY** Zip Code: **14059**

Project Name and Location (State): **Koblin Steel**
 Contract/Purchase Order/Quote No.:

Project Manager: **Terry Reid**
 Telephone Number (Area Code)/Fax Number: **(716) 655-8842**
 Site Contact: **Janis Manzella** Lab Contact: **Ryan Van Dette**
 Carrier/Waybill Number:

Date: **9-17-02** Chain of Custody Number: **135554**
 Lab Number: _____ Page _____ of _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Special Instructions/ Conditions of Receipt		
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl		NaOH	ZnAc/NaOH
RSS-SS21-RB	9-17-02	9:40	X										
RSS-SS20-S-O	9-17-02	10:35		X									402 - CN 07 ASP 8-2-01-10-1-1-1
RSS-SS20-S-MS	9-17-02	10:35		X									
RSS-SS20-S-MSD	9-17-02	10:35		X									
RSS-SS21-S-O-215MRA	9-17-02	12:15		X									SVOA PCB/PEST TAL M/L/L
RSS-SS22-S-O-448RRP	9-17-02	12:45		X									
RSS-TR04-D610-S-O	9-17-02	16:35		X									

Possible Hazard Identification:
 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:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

QC Requirements (Specify)	Received By	Date	Time
1. Relinquished By _____	_____	9-17-02	4:00
2. Relinquished By _____	_____	_____	_____
3. Relinquished By _____	_____	_____	_____

Comments:

Chain of Custody Record

STL-4124 (0901)

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

Client: **TVGA Consultants** Project Manager: **Terry Reid** Chain of Custody Number: **135552**
 Address: **1000 Maple Road** Telephone Number (Area Code)/Fax Number: **(716) 655-0937** Lab Number: **9-16-02** Page **1** of **1**
 City: **Elmira** State: **NY** Zip Code: **14059** Site Contact: **James Manzella** Lab Contact: **Ryan Van Dette**
 Project Name and Location (State): **Roblin Steel** Carrier/Waybill Number: **655-8842** Fax: **(716) 655-0937**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Special Instructions/ Conditions of Receipt				
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc		NaOH			
RSS-TB02-D48-S-0	9-16-02	11:45		X		X		X									
RSS-TBXX-RB	9-16-02	13:45		X		X		X									TAL M.H.I. = 802 CN=H02
RSS-TB03-D48-S-0	9-16-02	16:45		X		X		X									Received 40C JMS
RSS-SH-S-0	9-16-02	17:45		X		X		X									

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Disposal By Lab Archive For _____ Months Return To Client 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 _____

QC Requirements (Specify):

1. Relinquished By: *James Manzella* Date: **9-16-02** Time: **19:50**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

1. Received By: *David Dack* Date: **9-16-02** Time: **19:50**
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments: _____

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

Chain of Custody Record

STL-4124 (0901)

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

Client: **TVA Consultants** Project Manager: **Terry Ried** Date: **9-13-02** Chain of Custody Number: **114666**

Address: **1000 Maple Road** Telephone Number (Area Code)/Fax Number: **(716) 655-8842** Fax: **(716) 655-0937** Lab Number: _____ Page _____ of _____

City: **Elmira** State: **NY** Zip Code: **14855** Site Contact: **JAMES MANZELLA** Lab Contact: **KYAH VANBETTE**

Project Name and Location (State): **Rublin Steel** Carrier/Waybill Number: _____

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/ NaOH	
RSS-SS14-S-0	9-13-02	8:05			X		X			X					
RSS-SS15-S-0	9-13-02	8:45			X		X			X					
RSS-SS16-S-0	9-13-02	9:10			X		X			X					
RSS-SS17-S-0	9-13-02	9:55			X		X			X					
RSS-SS18-S-0	9-13-02	11:15			X		X			X					
RSS-T01-DA4-S-0	9-13-02	12:00			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 _____

QC Requirements (Specify)
 1. Relinquished By: _____ Date: **9-13-02** Time: **10:30**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

1. Received By: _____ Date: **9/13/02** Time: **19:30**
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments: _____

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

**Chain of
Custody Record**

STL-4124 (0901)

Client: **TVGA Consultants**
 Address: **1000 Maple Road**
 City: **WY** State: **WY** Zip Code: **14059**
 E. Mail: **JAMES MANZELLA**
 Project Name and Location (State): **Roblin Steel**
 Contract/Purchase Order/Quote No. _____

Project Manager: **Terry Reid**
 Telephone Number (Area Code)/Fax Number: **(716) 655-8842** Fax: **(716) 655-0937**
 Site Contact: **JAMES MANZELLA** Lab Contact: **KYAN VAN DETRE**
 Carrier/Waybill Number: _____

Date: _____ Lab Number: _____ Page: **135534** of _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives					Special Instructions/ Conditions of Receipt					
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH		ZnAc	HORN			
RSS - SP20 - 023 - S-0	9-11-02	17:50			X					X							
RSS - SP23 - 034 - S-0	9-11-02	17:30			X					X							
RSS - SP25 - 028 - S-0	9-11-02	17:55			X					X							
RSS - SS11 - S-0	9-11-02	17:40			X					X							
RSS - SS12 - S-0	9-11-02	18:05			X					X							
RSS - SS12 - S-0	9-11-02	18:20			X					X							
RSS - SP21 - 046 - S-0	9-12-02	9:50			X					X							
RSS - SP32 - 035 - S-0	9-12-02	11:25			X					X							
RSS - SP36 - 024 - S-0	9-12-02	13:45			X					X							
RSS - SP37 - 024 - S-0	9-12-02	14:15			X					X							
RSS - SF-34 - 01416 - S-0	9-12-02	15:05			X					X							
RSS - SPXX - RB	9-12-02	14:15		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)

Sample Disposal:
 Air Aqueous Sed. Soil Unpres. H2SO4 HNO3 HCl NaOH ZnAc HORN

Turn Around Time Required:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

QC Requirements (Specify):
 1. Received By: *[Signature]* Date: **9-12-02** Time: **20:30**
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments: _____

Chain of Custody Record

STL-4124 (0901)

Client
TVA Consultants

Address
1000 Maple Road

City
Elma

State
NY

Zip Code
14759

Project Name and Location (State)
Roubin Steel

Contract/Purchase Order/Quote No.

Project Manager
Terry Kied

Telephone Number (Area Code)/Fax Number
(716) 655-8842 Fax: (716) 655-0937

Site Contact
James Manzella

Lab Contact
Kyun Vandette

Carrier/Waybill Number

Date

Chain of Custody Number
114667

Lab Number

Page 1 of 1

Analysis (Attach list if more space is needed)

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

Unpres

H2SO4

HNO3

HCl

NaOH

ZnAc

NaOH

Analysis

AS VOA

AS VOA

AS VOA

AS VOA

AS VOA

AS VOA

AS VOA

AS VOA

AS VOA

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

1. Relinquished By

James C. Manzella

Date

9-10-02

Time

19:20

2. Relinquished By

Date

9/10/02

Time

19:20

3. Relinquished By

Date

Time

Date

Time

Date

Time

Comments

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

Chain of Custody Record

STL-4124 (0700)

Client: **IVGA Consultants** Project Manager: **Terry Ried** Chain of Custody Number: **010465**
 Address: **1000 Maple Road** Telephone Number (Area Code)/Fax Number: **(716) 655-0937** Lab Number: _____ Date: _____
 City: **Littleton** State: **NY** Zip Code: **14059** Site Contact: **James Ranzella** Lab Contact: **Nyati VanDette** Page: _____ of _____
 Project Name and Location (State): **KOOLIM STEEL** Carrier/Waybill Number: _____ Analysis (Attach list if more space is needed): _____
 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						Special Instructions/ Conditions of Receipt					
			Asph	Soil	Sed	Sludge	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	HNO3							
RSS-TP26-024-S-0	9-5-02	17:20		X			X													
RSS-TP27-046-S-0	9-5-02	13:50		X			X													
RSS-SS03-S-0	9-5-02	16:40		X			X													
RSS-TP32-046-S-0	9-6-02	11:35		X			X													
RSS-TP32-046-S-MS	9-6-02	11:35		X			X													
RSS-TP32-046-S-MSD	9-6-02	11:35		X			X													
RSS-TP32-046-S-0	9-6-02	12:30		X			X													
RSS-SS04-S-0	9-6-02	14:15		X			X													
RSS-SS05-S-0	9-6-02	11:15		X			X													
RSS-SS06-S-0	9-6-02	16:55		X			X													

Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown Other _____
 Turn Around Time Required:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____
 Sample Disposal:
 Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)
 QC Requirements (Specify): _____
 1. Relinquished By: *James Ranzella* Date: **9-6-02** Time: **20:00**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____
 Comments: _____
 DISTRIBUTION: **WHITE** - Stays with the Sample; **CANARY** - Returned to Client with Report; **PINK** - Field Copy

Chain of Custody Record

STL-4124 (0901)

Client
VBA Consultants
Address
1000 Maple Road

City
Elm
State
NY
Zip Code
14055

Project Manager
Terry Ried

Telephone Number (Area Code)/Fax Number
(716) 655-8842

Date
9-4-02

Chain of Custody Number
114668

Page
of

Project Name and Location (State)
Koblin Steel

Site Contact
James Hanzelia

Lab Contact
Kyatt VanDucie

Analysis (Attach list if more space is needed)

Special Instructions/
Conditions of Receipt

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

RSS-TP01-024-S-0
RSS-TP02-036-S-0
RSS-SS01-S-0
RSS-SS02-S-0
RSS-TP11-024-S-0

Date

9-3-02
9-3-02
9-3-02
9-3-02
9-4

Time

12:50
14:25
15:50
16:20
15:05

Matrix

Air

Aqueous

Sed

Soil

Unpres

H2SO4

HNO3

HCl

NaOH

ZnAc

NaOH

Containers & Preservatives

AS-P-95 VOA

AS-P-95 RES/RB

TAL MTK (M/M)

16.07

11.07

4.42

4.42

4.42

4.42

4.42

4.42

Possible Hazard Identification

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

24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

1. Relinquished By
James C. Manly

Date
9-4-02

Time
20:05

1. Received By
JRM

Date
9-4-02

Time

2. Relinquished By

Date

Time

2. Received By

Date

Time

3. Relinquished By

Date

Time

Comments

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

Chain of Custody Record

STL-4124 (0901)

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

Client: **TVG-A Consultants** Project Manager: **Terry Rad** Chain of Custody Number: **114778**
 Address: **1000 Maple Rd** Telephone Number (Area Code)/Fax Number: **8-11-02** Lab Number: _____
 City: **Elm.** State: **NY** Zip Code: **14059** Site Contact: **Steve Marshall** Lab Contact: **Ryan Marshall** Page: _____ of _____
 Project Name and Location (State): _____ Carrier/Waybill Number: _____

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	Sludge	Unpres.	H2SO4	HNO3	HCl	NaOH			ZnAc/NaOH
R55-5501-CC-0	8-19-02	12:45				X									
R55-5502-CC-0	8-19-02	13:30				X									
R55-5503-CC-0		14:10				X									
R55-5504-CC-0		14:40				X									
R55-5505-CC-0		15:10				X									
R55-5506-CC-0		16:20				X									
R55-5507-CC-0		16:45				X									
R55-5508-CC-0		17:10				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 _____

QC Requirements (Specify)
 1. Received By: **Steve Marshall** Date: **8-19** Time: **7:20P**
 2. Received By: **Acid Avg** Date: **11/1/02** Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments: _____

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

Chain of Custody Record

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: TVGA Consultants
Address: 1000 Maple Road
City: Elmhurst, IL 60120
State: IL
Zip Code: 60120

Project Manager: Terry Reid
Telephone Number (Area Code)/Fax Number: (716) 655-8842 / Fax: (716) 655-0937
Site Contact: James Manzella
Lab Contact: Ryan Van Dette

Date: 1-17-03
Chain of Custody Number: 135531
Page: 1 of 2

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		
			Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH				
RSS - SP42 - 048 - 5-0	1-17-03	4:30p			X											
RSS - TP38 - 023 - 5-0	1-16-03	2:00p														
RSS - SP45 - 004 - 5-0	1-17-03	10:40a														
RSS - SP43 - 045 - 5-0	1-17-03	9:50a														
RSS - TP37 - 023 - 5-0	1-16-03	2:30p														
RSS - SP60 - 048 - 5-0	1-17-03	4:15p														
RSS - SP48 - 004 - 5-0	1-17-03	11:55a														
RSS - SP48 - 004 - 5-0 MS/MSD	1-17-03	11:55a														
RSS - SP46 - 004 - 5-0	1-17-03	11:00a														
RSS - SP44 - 046 - 5-0	1-17-03	10:10a														
RSS - SP50 - 046 - 5-0	1-17-03	1:00p														
RSS - SP59 - 048 - 5-0	1-17-03	4:10p														

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)

Sample Disposal
 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 _____

1. Relinquished By: James C. Manzella Date: 1/17/03 Time: 2:35
 2. Relinquished By: Keri Schillaci Date: 1/17/03 Time: 2:35
 3. Relinquished By: _____ Date: _____ Time: _____

Comments

Chain of Custody Record

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: TVGA Consultants
Address: 1000 Maple Road
City: L. I. Ind. State: NY Zip Code: 14059

Project Manager: Terry Reid
Telephone Number (Area Code)/Fax Number: (716) 655-8842 / Fax: (716) 655-0937

Site Contact: James Manzella
Lab Contact: Ryan Van Dette
Carrier/Waybill Number: _____

Date: 1-13-03
Chain of Custody Number: 135535
Page: 1 of 4

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/NaOH			
RSS-SS23-S-0	1-13-03	10:30a				X									hold TCLP + SPLP
RSS-SS23-D12-S-0		10:30a													hold
RSS-SS24-S-0		11:00a													hold TCLP + SPLP
RSS-SS24-D12-S-0		11:00a													hold
RSS-SS25-S-0		11:20a													hold TCLP + SPLP
RSS-SS25-D12-S-0		11:20a													hold
RSS-SS26-S-0		11:40a													hold TCLP + SPLP
RSS-SS26-D12-S-0		11:40a													hold
RSS-SS27-S-0		12:10p													hold TCLP + SPLP
RSS-SS27-D12-S-0		12:10p													hold
RSS-SS28-S-0		12:30p													hold TCLP + SPLP
RSS-SS28-D12-S-0		12:30p													hold

Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown Other _____

Sample Disposal:
 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 _____

1. Relinquished By: _____ Date: 01/14/03 Time: 11:10
 2. Relinquished By: _____ Date: 1/14/03 Time: 11:10
 3. Relinquished By: _____ Date: _____ Time: _____

OC Requirements (Specify):
 1. Received By: _____ Date: 01/14/03 Time: 11:10
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments: _____

Chain of Custody Record

STL-4124 (0901)

Client: **TVA Consultants**
 Address: **1000 Maple Road**
 City: **NY** State: **NY** Zip Code: **14059**

Project Manager: **Terry Reid**
 Telephone Number (Area Code)/Fax Number: **(716) 655-8842** Fax: **(716) 655-0937**

Site Contact: **James Manzella** Lab Contact: **Ryan Van Dette**
 Carrier/Waybill Number: **14059**

Project Name and Location (State): **Robin Steel**

Contract/Purchase Order/Quote No.:

Chain of Custody Number: **135553**
 Page **2** of **4**

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/NaOH	
RSS-5528-S-O	1-13-03					X									
RSS-5529-S-MS															
RSS-5529-S-MD															
RSS-5529-D12-S-O															
RSS-5530-S-O															
RSS-5530-D12-S-O															
RSS-5531-S-O															
RSS-5531-D12-S-O															
RSS-5532-S-O															
RSS-5532-S-MS															
RSS-5532-S-MSD															
RSS-5532-D12-S-O															

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: _____

1. Relinquished By: **James Manzella** Date: **01/14/03** Time: **19:10**
 2. Relinquished By: **James Manzella** Date: **1/14/03** Time: **19:10**
 3. Relinquished By: _____ Date: _____ Time: _____

OC Requirements (Specify):
 1. Received By: _____ Date: _____ Time: _____
 2. Received By: _____ Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments:

**Chain of
Custody Record**

STL-4124 (0901)

Client: **TVGA Consultants** Project Manager: **Terry Reid** Date: **1-17-03** Chain of Custody Number: **135542**
 Address: **1000 Maple Road** Telephone Number (Area Code)/Fax Number: **(716) 655-8842** Fax: **(716) 655-0937** Lab Number: _____ Page **2** of **2**
 City: **Elmira** State: **NY** Zip Code: **14853** Site Contact: **James Manzelia** Lab Contact: **Ryan Van Dette** Analysis (Attach list if more space is needed): _____
 Project Name and Location (State): **Kublin Steel** Carrier/Waybill Number: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives					Special Instructions/ Conditions of Receipt		
			Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc		H2O2	
RSS-SP42-045-50	1-17-03	4:15a			X	YH								
RSS-SP49-048-50		4:40a												
RSS-SP57-004-50		3:45p												
RSS-TP42-014-50	1-16-03	2:00p												1-16-03
RSS-TP44-014-50	1-16-03	2:20p												1-16-03
RSS-SP52-048-50	1-17-03													

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Poison C 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 _____

1. Relinquished By: **James C. Murphy** Date: **1/17/03** Time: **2:35** 1. Received By: **Keri Schillaci** Date: **1/17/03**
 2. Relinquished By: _____ Date: _____ Time: _____ 2. Received By: _____ Date: _____
 3. Relinquished By: _____ Date: _____ Time: _____ 3. Received By: _____ Date: _____

Comments: _____

APPENDIX H1

DATA VALIDATION REPORT - SI

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, NY 12853

Phone (518) 251-4429

Fax (518) 251-4428

LETTER OF TRANSMITTAL

TO: James Manzella

COMPANY: TVGA Engineering

FROM: Judy Harry

DATE: 01-28-03

ENCLOSED: Revised DUSR narrative for the Roblin Steel site

Associated invoice

*Please replace original,
and attach to remainder*

COMMENTS:

RECEIVED
JAN 30 2003
TVGA

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

Facsimile 518-251-4428

January 22, 2003; Revised January 27, 2003

James Manzella
TVGA Engineering
P. O. Box H
Elma, NY 14059

RE: Data Usability Summary Report for Roblin Steel site
STL-Buffalo SDG/Package Nos. A02-8323, A02-8766, A02-9166, and A02-9918

Dear Mr. Manzella:

Review has been completed for the data packages generated by Severn Trent Laboratories which pertain to samples collected 8/19/02 through 10/11/02 at the Roblin Steel site. Thirty five soil samples were processed for TCL volatiles, TCL semivolatiles, TCL pesticide/PCBs, and TAL metals/CN by the 1995 NYSDEC ASP CLP. Ten additional soil samples were analyzed for TCL semivolatiles, TCL pesticide/PCBs, and TAL metals/CN. Two soil samples were analyzed for TCL semivolatiles and TAL metals/CN, and ten soil samples were analyzed for TAL metals/CN. Eighteen aqueous samples were analyzed for TCL volatiles, TCL semivolatiles, TCL pesticide/PCBs, cyanide, and dissolved TAL metals. Three of these samples were also processed for total TAL metals. One sample was processed only for TCL volatiles and one sample for TCL volatiles and TCL semivolatiles. Eight additional soil samples were analyzed for TCL PCBs by USEPA SW846 method 8082. Sample matrix spikes, and equipment and trip blanks were also processed.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with limited review of sample raw data, and some review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

- * Laboratory Narrative Discussion
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Matrix Spike Recoveries/Duplicate Correlations
- * Preparation/Calibration Blanks
- * Control Spike/Laboratory Control Samples
- * Instrumental Tunes and IDLs
- * Calibration/CRI/CRA Standards
- * ICP Interference Check Standards
- * ICP Serial Dilution Correlations

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR review level.

In summary, although most sample results for the volatile, semivolatile (BNA), and metals fractions are usable, many require qualification as estimated (due to lab processing for organics and due to apparent matrix effect with metals). Results for four of the pesticide analytes must be rejected ("R"; unusable data) in all soil samples due to errors in sample preparation. The results for most pesticide/PCB analytes in one soil sample are also rejected due to lab processing. Phenolic compounds in one soil sample are rejected possibly due to the sample matrix. Most of the metals soil results are qualified as estimated due to an apparent matrix effect. Additionally, the soluble metals fraction of the aqueous samples were not digested (an ASP requirement) prior to analysis. In addition to the noncompliant pesticide and soluble metals processing, many of the semivolatile and pesticide soil sample preparations were performed beyond allowable holding time due to initial extraction failure. These issues, and others of interest, are discussed in the following sections. Although metals data may not improve with sample recollection, organic data quality could be highly improved, as other QC parameters indicate that there is little matrix effect, if any, on those sample results.

Copies of the laboratory case narratives and laboratory NYSDEC Sample Identification and Analytical Requirement Summary Forms (many were revised and resubmitted upon request) are attached to this text, and should be reviewed in conjunction with this report. Included with this report are resubmission communications and red-ink edited sample report forms that represent final qualified samples results.

The following text discusses quality issues of concern.

Data Completeness

Data packages that pertain to soil samples were generated to include sample quantities and collection timeframes that exceed the ASP SDG definition, but sufficient QC were processed and reported to meet ASP SDG requirements, and no adverse impact is noted.

Some of the cooler temperatures were elevated at sample receipt, but pertain to samples collected that same day, in the process of cooling. However, samples RSS-TB05-D410-S-O and RSS-TB06-D1018-S-O were collected the day before laboratory receipt, and were in a cooler received at fifteen degrees centigrade. All results for these two samples are therefore qualified estimated, with a possible low bias.

The aqueous samples were initially collected and submitted as filtered (dissolved) fractions. Those submissions were processed for dissolved metals only. The samples were recollected unfiltered on 10/11/02 for the full TCL/TAL list. The rinse blank submitted with the dissolved fractions was processed for all analytes (and reported as an addendum to SDG 9918) but well beyond a usable holding time for the organics and cyanide. Reported results are unaffected as those fractions were not processed for organic analytes.

Custody

The external custody shows requests for volatile analyses of samples RSS-SS04-S-O, RSS-SS05-S-O, and RSS-SS06-S-O, whereas metals were processed and reported.

Custody form edits should have been initialed and dated when made.

General/Data Completeness

Aqueous blind field duplicate correlations for sample RSS-MW11-IF-GW-O were acceptable for all analytes. No soil field duplicates were evaluated with this sampling event.

Samples RSS-SMP01-SLD-O and RSS-SMP02-05-SLD-O have solids contents below 50% (at 41% and 35%). There may therefore be an inherent bias in the reported concentrations and reporting limits for these two samples.

The pesticide/PCB and semivolatile results for the soil samples are heavily qualified due to extraction failures (discussed later). The NYSDEC ASP requires that extracts be screened by the laboratory within a timeframe to allow for timely reextraction in the event of initial failure.

No cyanide processing was performed on RSS-TB01-D24-S-O.

Some of the raw mercury data (9/16/02 22:29 through 23:08) are not present, and contain support data for samples in SDG 8766. These would be required if full validation in to be performed.

Although required for the NYSASP deliverables, the raw data are not identified in some fractions with the client ID. Although the 1995 NYSASP was required and the data packages reference that year, some of the processing (i.e. semivolatile matrix spike evaluation) was performed according to the 2000 ASP.

TCL Volatiles by ASP 95-1

Surrogate and internal standard recoveries were acceptable, with the exception of one elevated surrogate recovery (120%) for RSS-SP05-D24-S-O. The initial analysis of that sample should be used, with results for detected analytes in RSS-SP05-D24-S-O qualified estimated ("J").

Holding times were met and instrument tunes were acceptable.

Calibrations standards showed responses not significantly adversely affecting reported results, with the exception of that for 1,2-dichloroethene (total) on 9/20/02 (43%D) and carbon disulfide on 9/25/02 (42%D). Results for 1,2-dichloroethene (total) in associated samples RSS-SP29-D46-S-O and RSS-TB04-D610-S-O, carbon disulfide in associated samples RSS-TB06-D1018-S-O, RSS-TB07-D04-S-O, and RSS-TB08-D610-S-O are to be considered estimated, with a possible low bias.

Due to presence in associated method, trip, and/or equipment blanks, results for the following detected analytes are considered external contamination, and edited to nondetection (“U”) at either the CRDL, or the originally reported concentration, whichever is greater.

methylene chloride, acetone, chloromethane, and bromomethane in all samples

carbon disulfide detections in all of the aqueous samples

toluene detections in all samples except RSS-TB09-D1016-S-O, RSSMW02-IF-GW-O,

RSS-MW05-RK-GW-O, RSSMW06-IF-GW-O, RSS-MW07-IF-GW-O,

RSS-MW09-IF-GW-O, and RSS-MW12-IF-GW-O

trichloroethene detections in EX-MW10-IF-GW-O, RSS-MW01-IF-GW-O,

EX-MW12-IF-GW-O, RSS-MW04-IF-GW-O, RSS-MW03-IF-GW-O,

and RSS-MW06-IF-GW-O

Results for sample analytes initially reported with the “E” flag are to be derived from the dilution (“-DL”) analyses of the samples. They are the following:

Sample ID	Analyte	Final Result, ppb
EX-MW12-IF-GW-O	1,2-dichloroethene(total)	150
RSS-MW07-IF-GW-O	1,2-dichloroethene(total)	1500
	vinyl chloride	330
RSS-MW09-IF-GW-O	1,2-dichloroethene(total)	380
	trichloroethene	450
RSS-SMP07-08-SLD-O	1,2-dichloroethene(total)	15,000
RSS-TB03-D48-S-O	1,2-dichloroethene(total)	270
RSS-TB08-D610-S-O	1,2-dichloroethene(total)	180
	trichloroethene	440
RSS-TB12-D04-S-O	trichloroethene	200,000

Soil matrix spikes of RSS-TP-32-D46-S-O and RSS-TB-05-D410-S-O show acceptable accuracy and precision.

The soil matrix spikes of RSS-SMP-09-SED-O show low recoveries for all analytes except one, with three of the five with elevated duplicate correlations. However, the surrogate recoveries of the matrix spikes were very good, indicating a probable spiking or spike solution error (i.e. spike compound toluene recoveries are 49% and 38%, and surrogate compound d8-toluene recoveries, which should recover similarly, are 112% and 94%; and chlorobenzene quantities as only 47% and 35% against its own deuterated analogue). Therefore, the failures do not appear to impact sample reported results.

Aqueous matrix spikes of RSS-MW06-IF-GW-O showed outlying recoveries (165% to 262%) for benzene and toluene, both of which are detected in the parent sample. Reported values for these two analytes in that sample may have a low bias.

Tentatively Identified Compounds (TICs) flagged as “B” by the laboratory, or identified as carbon dioxide or system artifacts, are considered external contamination (indicated by presence in associated blanks), and results should be rejected as sample components. Some of the hexane and pentane detections are likewise rejected, as they are present in associated equipment blanks. Additionally, TICs identified as BNA target analytes (i.e. naphthalene) should not have been reported (per ASP) as TICs.

Semivolatile Analyses by ASP 95-2

The holding times for numerous samples were exceeded due to extraction batch failures which include lack of recovery of surrogate and/or matrix spike compounds in samples and QC. Some of the samples were reextracted beyond the contract allowance from sample receipt, but within the allowable technical holding time from collection, and those results are acceptable. However, all results for the following samples are to be considered estimated (“UJ” and “J”), with a possible low bias due to technical holding time exceedence. In all cases the reextraction should be used: RSS-SS11-S-O, RSS-SS12-S-O, RSS-SS13-S-O, RSS-SS14-S-O, RSS-SS15-S-O, RSS-SS16-S-O, RSS-SS17-S-O, RSS-SS18-S-O, RSS-SS20-D23-S-O, RSS-SP23-D34-S-O, RSS-SP29-D46-S-O, RSS-SP32-D35-S-O, RSS-SP36-D24-S-O, RSS-SP37-D24-S-O, RSS-SP39-D1416-S-O, RSS-TP01-D24-S-O, RSS-TP02-D36-S-O, RSS-TP11-D24-S-O, and RSS-TB1-D24-S-O

Results for acid compounds (phenolics) reporting nondetection in RSS-SP36-D24-S-O are rejected (“R” and not usable) due to recoveries below 10% for acid surrogates in the sample.

Results for acid compounds (phenolics) in RSS-TB04-D610-S-O are qualified estimated due to multiple low recoveries for acid surrogates in the sample. This sample should have been reextracted, but was not.

Internal standard recoveries were acceptable, with the exception of one low internal standard recovery (47%) for RSS-SMP-09-SED-O. The initial analysis should be used, with results for the following analytes in RSS-SMP-09-SED-O qualified estimated (“J” and “UJ”): di-n-octylphthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene, indeno(1,2,3-cd)-pyrene, and benzo(g,h,i)perylene.

Due to presence in associated method or rinse blanks, results for di-n-butylphthalate, diethyl phthalate, bis(2-ethylhexyl)phthalate, and di-n-octylphthalate in the soil samples, and for bis(2-ethylhexyl)phthalate, di-n-butylphthalate, and di-n-octylphthalate in the aqueous samples, are considered external contamination, and edited to nondetection (“U”) at either the CRDL, or the originally reported concentration, whichever is greater. The exception is the result for bis(2-ethylhexyl)phthalate in RSS-TB12-D04-S-O, which is above the action level.

Results for sample analytes initially reported with the “E” flag are to be derived from the dilution (“-DL”) analyses of the samples. They are the following:

Sample ID	Analyte	Final Result, ppb
RSS-SS12-S-O	butylbenzylphthalate	37,000
RSS-SS17-S-O	benzo(a)anthracene	140,000
	benzo(b)fluoranthene	92,000
	chrysene	130,000
	fluoranthene	340,000
	phenanthrene	280,000
	pyrene	250,000
RSS-HC01-SED-O	fluoranthene	2,700
RSS-TB11-D26-S-O	2-methylnaphthylene	4,000

Calibrations standards showed acceptable responses, or slightly outlying responses not affecting the usability of the sample results. Nondetected results are not qualified for elevated responses in associated continuing calibration standards.

Matrix spikes of RSS-MW06-IF-GW-O, RSS-TB05-D410-S-O, RSS-SMP09-SED-O, and RSS-TP32-D46-S-O produced acceptable accuracy and precision for all analytes. The matrix spikes of RSS-SS20-S-O showed acceptable recoveries for the matrix spike, but produced two low recoveries in the spiked duplicate. No qualification is recommended. The matrix spikes of for RSS-SS15-S-O were part of the failed extraction batches.

Tentatively Identified Compounds (TICs) flagged as "B" by the laboratory are considered external contamination (indicated by presence in associated blanks), and results should be rejected as sample components. Those identified as aldol condensates, flagged by the laboratory as "A", are analysis artifacts, and are similarly rejected. Additionally, TICs identified as VOA target analytes (i.e. dimethylbenzene, a.k.a. xylene) should not have been reported (per ASP) as TICs.

The Form 1 for the diluted reextraction of RSS-SS17S-O has an incorrect extraction date.

TCL Pesticide/PCB Analyses by ASP 95-3 and PCB Analyses by EPA 8082

Review of the blank spike (MSB) and sample matrix spike (MS/MSD) recoveries shows numerous instances of analytes dieldrin and endrin producing no recovery (these are two of the six analytes spiked). This is indicative of exposure to acid (this may be through pH adjustment or acid cleanup). The failures were not consistent within extraction batches, where in some cases the MSB was acceptable, and the matrix spikes were not, and vice versa. In one case, the MS was acceptable, but the MSD failed. The GPC cleanup of these samples was subcontracted to another STL laboratory, and the extraction batch associations were not maintained. The analytes lost upon exposure to acid are known to be dieldrin, endrin, methoxychlor and endrin aldehyde; the recovery of endosulfan II is suppressed. Due to the spike failures, and the fact that it could not be predicted which samples, if any, were not affected, the recovery of those four analytes from the samples cannot be assured, and those analyte results are rejected ("R") in all of the soil samples that report nondetection for them. Detected values of these four analytes, and all results for endosulfan II in the samples are qualified estimated ("J" or "UJ"), with a low bias. For those instances where the samples were reextracted, the initial results should be used preferentially due to the extreme holding time exceedence (22 to 28 days from VTSR) for the reextractions.

The initial extraction of RSS-SS20-S-O failed, and the sample was reextracted. However, the reextraction was performed at 35 days, beyond the usable holding time, and all results for the sample that report nondetection are rejected, and detected values are qualified estimated.

Many of the reported pesticide detections in the soil samples show very poor dual column correlation (laboratory "P" flag), indicating likely matrix interference contribution or false positives. These responses were generally shown as low level detections, and have been qualified as estimated ("J"),

tentative in identification (“N”), or (for the most severe variances), edited to nondetection (“U”). The attached forms reflect these edits.

The following Aroclor detections are to be qualified estimated (“J”), due to elevated dual column quantitative correlation:

<u>Sample ID</u>	<u>Aroclor</u>
RSS-SS01-CC-O	1260
RSS-SS03-CC-O	1260
RSS-SS04-CC-O	1260
RSS-SS05-CC-O	1260
RSS-SS07-CC-O	1260
RSS-SS08-CC-O	1248 and 1260
RSS-SS15-S-O	1248
RSS-SS16-S-O	1248

Due to low surrogate standard recoveries, all results for RSS-MW09-IF-GW-O, RSS-HC02-SED-O, and RSS-OF01-SED-O are to be qualified estimated, with a low bias. Due to elevated surrogate standard recoveries, the detected results of RSS-SS19-S-O are to be qualified estimated, with a high bias.

The result for Aroclor 1260 in RSS-SS01-CC-O should be edited to reflect detection at 18 ug/kg. The detection evident in the raw data appears to have been accepted by the analyst, but not reflected on the report Form 1 for the sample.

Matrix spikes of RSS-MW06-IF-GW-O, RSS-TP32-D46-S-O, RSS-SP23-D34-S-O, RSS-SS14-S-O produced acceptable recoveries and duplicate correlations; some of these were acceptable only on initial or reextraction due to the above-noted presumed acid exposure. Matrix spike evaluations were also performed on RSS-SS20-S-O, RSS-SMP09-SED-O, and RSS-TB05-D410-S-O, with consistent failure, as discussed above.

Most calibration standards associated with sample reported results showed acceptable linearity and consistency. Sample results reporting nondetection are not affected by the elevated responses observed in some of the calibration standards.

The required calibration standard summary forms (for retention times, sequences, linearity, and CCV %Ds) associated with the SW846 analyses were not provided in the data packages A02-8323. Raw standard data were reviewed for these parameters.

TAL Metals/CN by CLP-M

All soil cyanide results reporting nondetection were resubmitted to reflect sample weight and moisture content. These resubmitted forms are incorporated into the attached qualified results forms.

Detected cyanide values in the samples of matrix “SMP and “SS” reported in SDG 9166, and for four “SS” samples reported in SDG 8766 are qualified estimated, with a possible high bias, due to noncompliant elevated LCS recoveries (132% to 156%, above 125% limit).

The dissolved (soluble, filtered) fractions of the samples were not digested in acid prior to analysis, although required of the ASP. The results for these project samples are not recommended for qualification for this DUSR evaluation. However, the end-user of the data should be aware that there may be a low bias to the reported results for the soluble fractions.

For the three samples for which total (unfiltered) metals evaluation were performed, some of the elements showed significantly higher values in the dissolved fractions, and results for those elements in both fractions are qualified estimated:

Sample ID	Element	Total, ug/L	Dissolved, ug/L
RSS-MW01-IF-GW-O	selenium	< 4	27
RSS-MW03-RK-GW-O	arsenic	< 4	13
	calcium	12700	36500
	magnesium	5810	9630
	selenium	< 4	11
	sodium	180000	470000
RSS-MW12-IF-GW-O	arsenic	< 4	18
	potassium	17700	20500
	selenium	< 4	15
	sodium	29000	34700

The soluble fractions of these samples were collected on a different day than the filtered, and the variances may reflect nonhomogeneous nature of the samples.

ICP serial dilution evaluations were performed on eleven of the soil samples, and show numerous outlying correlations (above 10%D) that indicate a matrix effect. Most correlations fell between 15%D and 20%D, and most showed increase with dilution, indicating a possible low bias to the sample results. These evaluations are performed only on analyte concentrations exceeding 50 times the IDL, and the variance in low level concentrations is therefore not evaluated or qualified. The following elements are known to be affected, and detected values (above 10 X IDL) in the designated samples are qualified estimated due to the outlying serial dilution:

all ICP elements except antimony, arsenic, beryllium, selenium, silver, sodium, and thallium in the samples in SDG 8766.

all ICP elements except cadmium, selenium, silver, and thallium in samples in SDG 9166.

ICP serial dilution evaluations for aqueous samples RSS-HC01-SW-O, RSS-MW06-IF-GW-O, and RSS-MW01-IF-GW-O show acceptable correlations.

Due to noncompliant low response of lead (-3.1 ug/L) in the associated CCB, the lead results for RSS-MW09-IF-GW-O, RSS-MW10-IF-GW-O, RSS-MW11-IF-GW-O, and RSS-MW06-IF-GW-O are qualified estimated, with a possible slight low bias.

The matrix spike recoveries and laboratory duplicate correlations of aqueous sample RSS-MW06-IF-GW-O (mercury on RSS-MW01-IF-GW-O) were acceptable. Matrix spike/duplicate evaluations were performed on six soil samples, with antimony producing low recoveries (21% to 49%) in each of the spiked samples and duplicate correlations outside validation ranges in two of the samples. Additional outlying recoveries include chromium in RSS-TP32-D46-S-O and RSS-HC02-SED-O, nickel in RSS-SS06-S-O and RSS-SS20-S-O, manganese and zinc in RSS-TB05-D410-S-O, and mercury,

barium, beryllium, and cadmium in RSS-SMP-09-SED-O. Results for those elements in the associated sample matrices are qualified estimated.

Cyanide results in the aqueous samples are qualified estimated ("J" or "UJ") due to low (68%) recovery of the matrix spike of RSS-MW06-IF-GW-O.

Cyanide results in the five "SMP" samples reported in SDG 9166 are qualified estimated due to outlying duplicate correlation ($>2X \pm$ CRDL) in RSS-SMP09-SED-O. This variance should have been flagged as "*" on the laboratory Form 6.

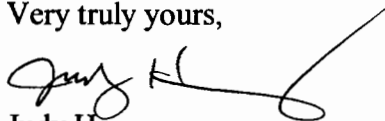
Cyanide matrix spikes of RSS-TP32-D46-S-O show acceptable recoveries. The ASP-required laboratory duplicate correlation evaluation was not performed.

The duplicate evaluation for RSS-SMP-09-SED-O shows multiple incorrect "*" flags on the laboratory Form 6 and associated Forms 1.

Due to low recoveries of CRI/CRA standards, results for mercury in seven samples, thallium in four samples, and selenium in four samples are qualified estimated, with a low bias, on the attached forms. No corrective laboratory action is required for CRI/CRA results.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,


Judy Harry

APPENDIX H2

DATA VALIDATION REPORT - SSI

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

Facsimile 518-251-4428

May 9, 2003; Revised May 14, 2003

James Manzella
TVGA Engineering
P. O. Box H
Elma, NY 14059

RE: **Data Usability Summary Report for Roblin Steel site**
STL-Buffalo SDG/Package Nos. C432, 0437, 0448, 0554, and 0577

Dear Mr. Manzella:

Review has been completed for the data packages generated by Severn Trent Laboratories that pertain to samples collected 1/13/03 through 1/17/03 at the Roblin Steel site. Five soil samples were analyzed for TCL semivolatiles and TAL metals, fourteen soils were analyzed for TAL metals, and nine soils were analyzed for TCL semivolatiles. Seventeen soil samples and one aqueous sample were analyzed for TCL volatiles; one of the soils was also processed for TCL semivolatiles. Methodologies utilized for those analyses were the 1995 NYSDEC ASP CLP. Five additional soil samples were analyzed for TCL PCBs by USEPA SW846 method 8082. Sample matrix spikes, and rinse and trip blanks were also processed.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with limited review of sample raw data, and some review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

- * Laboratory Narrative Discussion
- * Custody Documentation
 - * Holding Times
 - * Surrogate and Internal Standard Recoveries
 - * Matrix Spike Recoveries/Duplicate Correlations
 - * Preparation/Calibration Blanks
 - * Control Spike/Laboratory Control Samples
 - * Instrumental Tunes and IDLs
 - * Calibration/CRI/CRA Standards
 - * ICP Interference Check Standards
 - * ICP Serial Dilution Correlations

Those items listed above which show deficiencies are discussed within the text of this narrative.

In summary, organic sample results are primarily usable as reported, or with usable with minor edit or qualification as estimated. Many of the metals soil results in one of the data packages are qualified as estimated due to an apparent matrix effect.

Copies of the laboratory case narratives and laboratory NYSDEC Sample Identification and Analytical Requirement Summary Forms are attached to this text, and should be reviewed in conjunction with this report. Included with this report are red-ink edited sample report forms that represent final qualified samples results.

The following text discusses quality issues of concern.

General/Data Completeness

The case narratives do not include the verbatim statement, and are not signed by laboratory personnel. The raw data are not identified with the client ID.

One of the custody forms for samples reported in SDG 0448 was not present therein, but was found in SDG 0432.

No field duplicates were evaluated with this sampling event.

TCL Volatiles by ASP 95-1

Results for analytes initially reported with the "E" flag are to be derived from the dilution analysis. Other results from the samples can be used from the initial analyses.

Soil matrix spikes of RSS-SP48-D04-S-O show acceptable accuracy and precision. No aqueous matrix spikes were reported; spiked blanks were acceptable.

Holding times were met and instrument tunes were within required ranges, and surrogate and internal standard recoveries were acceptable.

Calibrations standards showed responses within validation guidelines. Blanks show no contamination.

Tentatively Identified Compounds (TICs) flagged as "B" by the laboratory, or identified as hexane, carbon dioxide, or system artifacts, are considered external contamination (indicated by presence in associated blanks), and results should be rejected as sample components.

Semivolatile Analyses by ASP 95-2

Results for analytes initially reported with the "E" flag are to be derived from the dilution analysis. Other results from the samples can be used from the initial analyses.

The result for fluoranthene in RS-SS38-S-O is qualified estimated (“J”) due to response above the established linearity of the system.

Soil matrix spikes of RSS-SS32-S-O and RSS-SS41-S-O show acceptable accuracy and precision, with the exception of that for pyrene, which was detected in the parent samples. Recoveries were 20% and 32% for the former sample, and 85% and 35% for the latter. Results for pyrene in both samples are therefore qualified estimated. Spiked blanks show recoveries within required ranges, or elevated recoveries for analytes not detected in the samples.

Holding times were met and instrument tunes were within required ranges, and surrogate and internal standard recoveries were acceptable.

Calibrations standards showed responses within validation guidelines. Blanks show no target analyte contamination.

Tentatively Identified Compounds (TICs) flagged as “B” by the laboratory are considered external contamination (indicated by presence in associated blanks), and results should be rejected as sample components. Those identified eluting at 5.4’ and 5.5’ are aldol condensates, and should have been flagged by the laboratory as “A” and “B”. They are extraction artifacts, and are similarly rejected. The method blank shows incorrect Form 1F TIC identification entries.

TICs identified as methylene chloride are also extraction artifacts (solvent front) and should not have been reported. TICs identified as silicone compound are also rejected, and should have been flagged as “B”.

TCL PCBs by 8082

Holding times were met and surrogate recoveries are acceptable. Calibrations standards showed responses within validation guidelines. Blanks show no contamination.

Matrix spike evaluation was not performed.

Reported results are substantiated by raw data.

TAL Metals by CLP-M

ICP serial dilution evaluation performed on RSS-SS43-D12-S-O shows outliers (11%D to 14%D) for elements cadmium, cobalt, nickel, and sodium. Results for those four analytes in the samples in SDG 0448 are therefore qualified estimated. The serial dilution evaluation for RSS-SS-41-S-O shows outliers (11%D to 15%D) for cadmium, copper, lead, and nickel. That for RSS-SS29-S-O shows outliers for ten of the analytes (11%D to 20%). Results for these ten analytes in samples in SDG 0437 are therefore qualified estimated. These indicate a matrix effect. Most correlations fell below 15%D, and all below 20%D. Most showed increase with dilution, indicating a possible low bias to the sample results.

The matrix spike recoveries and laboratory duplicate correlations of sample RSS-SS43-D12-S-O show outliers for antimony (49% and 44%), mercury (178%), and nickel (66%). Results for antimony

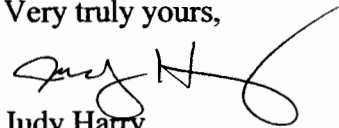
and nickel, and detected results for mercury in the samples reported in SDG 0448 are qualified estimated.

The matrix spike recoveries of sample RSS-SS29-S-O show outliers for antimony (35% and 33%), cadmium (5% and 49%, copper (-7% and 91%), nickel (53%), mercury (56%), and barium (131%). These analytes also show poor duplicate correlation. Antimony and nickel also produced low recoveries (29% to 39%) in the matrix spikes of RSS-SS41-S-O. Results for those six analytes are qualified estimated in the samples reported in SDG 0437.

Due to low recoveries of CRI/CRA standards (55% to 71%), results for mercury and silver in the samples in SDG 0448, and for mercury and thallium in the soil samples in SDG 0437, are qualified estimated, with a low bias.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Judy Harry', with a large, sweeping flourish extending to the right.

Judy Harry

APPENDIX I

PRE-DEMOLITION ASBESTOS SURVEY REPORT

ASBESTOS SURVEY

at

Roblin Steel
320 South Roberts Road
Dunkirk, New York

Prepared for:

TVGA Engineering & Surveying, P.C.
1000 Maple Road
Elma, New York 14059

October 17 & November 8, 2002
Addendum to Original Survey Dated December 12, 2002

Report Prepared By:
PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608

ADDENDUM FOR:
ROBLIN STEEL
DUNKIRK, NEW YORK

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INTRODUCTION

Paradigm Environmental Services, Inc. was retained by *TVGA Engineering & Surveying, P.C.* on October 17 and November 8, 2002 to conduct an inspection for the detection of asbestos containing materials located at **Roblin Steel, 320 South Roberts Road, Dunkirk, New York.**

Paradigm performed all sample analysis and report generation for this project. Field services were performed by Envoy Environmental Consultants as a subcontractor to Paradigm. Envoy Environmental Consultants inspector, Doug Hull, Inspector #AH 01-00104, conducted this inspection with procedures and guidelines commonly used and accepted in New York State and in accordance with Industrial Code Rule #56, applicable provisions of 40 CFR Part 61 (NESHAPS) and OSHA 29 CFR 1910. The objective of this inspection was to identify the approximate locations and quantities of asbestos containing materials present at the above-referenced location.

An initial walkthrough of the area requiring inspection was conducted by an experienced inspector who observed and recorded many of the materials used in the construction of the building. The inspector proceeded by assessing floor, wall, ceiling materials, surfacing materials, thermal systems insulation, roofing materials and miscellaneous materials

The inspection was organized and approached systematically to observe, record, and prepare a list of building materials that are suspected to contain asbestos. The inspector selected materials for inclusion in this report through an understanding of the historical uses of asbestos and the experience of the Envoy staff. Generally, if a building material within a structure could contain asbestos the material was included in the survey.

Samples were collected from locations within each homogeneous sampling area. Samples consist of a small amount of the subject material. Sampling points were recorded and cross-referenced to prepared sketches. Individual samples were also recorded on a chain of custody document. Samples were then transported to the Paradigm analytical laboratory for asbestos analysis.

The Paradigm laboratory is accredited through NYSDOH/ELAP (Lab ID# 10958) for Solid and Hazardous Waste and Air and Emissions for Bulk Asbestos Fiber Analysis. The chain of custody record accompanies all samples from the point collected until they reach the laboratory. Samples are stored at the laboratory for 90 days then disposed of according to authoritative regulations.

The analysis methodology used is as follows:

Asbestos Bulk Samples:

New York State Department of Health, ELAP Method 198.1 (“Polarized Light Microscopy Methods for identifying and quantitating asbestos in bulk samples”).

LIMITATIONS

The information provided in this report was compiled from field and laboratory data and was prepared for reference to **Roblin Steel, Dunkirk, New York.**

Observations noted and recorded are intended to represent the conditions that existed at the subject site at the time and date that the observations were made.

Determinations of suspect asbestos containing materials within the building were subject to the accessibility of individual areas or spaces. Paradigm Environmental Services, Inc. accepts no responsibility for the content of building materials within areas or spaces that were unknown to us or not reasonably accessible to Envoy field personnel. The inspector could not gain access to the small building unit on top of Building #54 and therefore did not take any samples. Buildings #78 and #80 have a sub-roof on the North side under the transite roof panels. The sub-roof appears to be wood material with tar paper or shingles on it. The inspector was unable to obtain a sample of this material or quantify this material at the time of the inspection. The inspector was also unable to obtain an outside roof sample on Building #54. The inspector checked underneath the floors of the buildings in two areas utilizing manholes in the area and did not observe any suspect materials.

Paradigm assumes no liability for any buildings that were not identified by the client that may fall under state or federal regulations.

Conclusions and recommendations provided in this report are based on the assumption that materials identified are homogeneous throughout their application.

CONCLUSIONS

Paradigm Environmental Services, Inc. was retained to perform an asbestos survey at **Roblin Steel, Dunkirk, New York** on October 17th and November 8, 2002. A New York State certified inspector conducted a walk-through of the building and from observations, notes, and drawings compiled a suspect list of materials that may contain asbestos.

Sample locations and custody information were recorded and the samples were transported to the Paradigm laboratory for analysis. **The following materials were found to contain asbestos or are to be treated as asbestos containing:**

ASBESTOS CONTAINING MATERIALS

Samples are designated as friable or non-friable with the abbreviation (F) or (NF).

BUILDING #54 - Beams #18-33

Walls	Gray Window Caulk & Window Glaze (NF)	6,000	square feet
Exterior Window Covering	Gray Transite Panels (NF)	600	square feet
Interior Walls	Black Tar Paper (NF)	6,000	square feet
Exterior Walls	Black Tar Paper (NF)	3,850	square feet
Ceilings	Black Tar Paper (NF)	22,000	square feet

BUILDING #78 – Beams #43-54

Windows	Gray Window Caulk & Window Glaze (NF)	3,840	square feet
Walls	Gray Transite Panels (NF)	5,020	square feet
Roof	Gray Transite Panels (NF)	15,540	square feet

BUILDING #80 – Beams #33-43

Windows	Gray Window Caulk & Window Glaze (NF)	2,320	square feet
Walls	Gray Transite Panels (NF)	3,745	square feet
Roof	Gray Transite Panels (NF)	14,800	square feet

BUILDING #80 – Beams #33-43 Continued

Boiler Room (Outside Roof)	Black Roofing Tar (NF)	4,800	square feet
Boiler Room	White Canvas Cloth (F)	80	square feet
South Side Room	Black Mastic (NF) (behind wall foam board)	35	square feet

BUILDING #85 – Beams #1-18

Exterior Walls	Gray Window Caulk & Window Glaze (NF)	9,800	square feet
	Gray/Brown Transite Panels (NF)	14,600	square feet
Roof	Black Roofing (NF)	25,200	square feet

NOTES:

Quantities for window caulk and window glaze materials were determined by using the square footage of the entire window space.

Building material debris (transite panels, window materials, tar paper) is present throughout the interior and around the exterior of the Roblin Steel buildings.

Paradigm certifies that this report is based on the observations of the inspector and believes it to be an accurate representation of the conditions as they existed on October 17th and November 8, 2002. Addendum to this report was created on December 12, 2002.

***All quantities are approximations.**

PLM BULK ASBESTOS REPORT

Client: TVGA Consultants
Location: Roblin Steel
 Dunkirk, New York
Sample Date: 10/17/2002

Job No: 10528-02
Page: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WC-01	78225	Building #85, Beam #5	Grey Fibrous Window Caulk	Chrysotile 11%	11%		None Detected	89%
WG-02	78226	Building #85, Beam #5	Grey Window Glaze	None Detected	0%		None Detected	100%
TR-03	78227	Building #85, Beam #1	Grey Fibrous Transite Panel	Chrysotile 28%	28%		None Detected	72%
TR-04	78228	Building #85, Beam #5	Brown Fibrous Transite Panel	Chrysotile 20%	20%		None Detected	80%
TP-05	78229	Building #54, Outside Beam #16	Black Fibrous Tar Paper	Chrysotile 57%	57%		Cellulose 30%	13%
TP-06	78230	Building #54, Inside Beam #20	Black Fibrous Tar Paper	Chrysotile 44%	44%		Cellulose 26%	30%
WG-07	78231	Building #54, Beam #20	White Window Glaze	Chrysotile 6%	6%		None Detected	94%
TP-08	78232	Building #54, Outside Under Window Ledge Beam #21	Black Fibrous Tar Paper	Chrysotile 33%	33%		Cellulose 33%	34%
FT-09	78233	Building #54, Office Beam #20	Grey 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	*	Fiberglass 8%	92%
FTM-10	78234	Building #54, Office Beam #20	Yellow Floor Tile Mastic from Sample 78233	Inconclusive No Asbestos Detected	0%	*	None Detected	100%

NVLAP Lab Code 200530-0

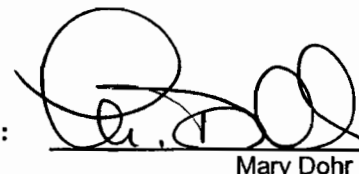
ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 10/22/2002
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

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PLM BULK ASBESTOS REPORT

Client: TVGA Consultants
Location: Roblin Steel
 Dunkirk, New York
Sample Date: 10/17/2002

Job No: 10529-02
Page: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
CT-11	78235	Building #54, Office, Beam #20	White/Brown Fibrous 2' x 4' Ceiling Tile	None Detected	0%		Cellulose 40% Wood Fiber 45%	15%
CP-12	78236	Building #54, Beam #21	Gray Fibrous Cement Ceiling Plaster	None Detected	0%		None Detected	100%
CT-13	78237	Building #54, Office, Beam #32	White/Brown Fibrous 12" x 12" Ceiling Tile	None Detected	0%		Cellulose 60% Wood Fiber 30%	10%
PI-14	78238	Building #80, Beam #37	White/Yellow Pipe Insulation	None Detected	0%		Mineral Wool 100%	0%
MJP-15	78239	Building #80, Beam #36	Gray/Yellow Fibrous Mudded Joint Packing	None Detected	0%		Cellulose 30% Mineral Wool 50%	20%
WG-16	78240	Building #80, Beam #37	Gray Window Glaze	None Detected	0%		None Detected	100%
TR-17	78241	Building #54, Beam #33	Gray Fibrous Transite Panel	Chrysotile 28%	28%		None Detected	72%
CV-18	78242	Building #80, Beam #43	Gray/White Fibrous Canvas Cloth	Chrysotile 80%	80%		Cellulose 20%	0%
WC-19	78243	Building #78, Beam #54	Gray Fibrous Window Caulk	Chrysotile 11%	11%		None Detected	89%
TR-20	78244	Building #78, Beam #54	Gray Fibrous Transite Panel	Chrysotile 32%	32%		None Detected	68%

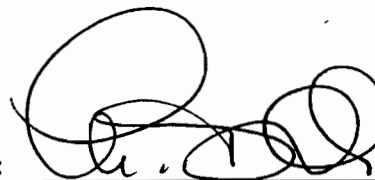
NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

Date Analyzed: 10/22/2002
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

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PLM BULK ASBESTOS REPORT

Client: TVGA Consultants
Location: Roblin Steel
 Dunkirk, New York
Sample Date: 11/08/2002

Job No: 11358-02
Page: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
TP-21	83917	Building #54 South Side Office Beam 32 & 33	Black Fibrous Tar Paper	Inconclusive No Asbestos Detected	0%	*	Cellulose 75%	25%
M-22	83918	Building #80, South Side behind Wall Foam Board, Beam 37 & 38	Black Mastic	Chrysotile 10%	10%		None Detected	90%
T-23	83919	Roof Building #78	Grey Fibrous Transite	Chrysotile 28%	28%		None Detected	72%
T-24	83920	Roof Building #80	Grey Fibrous Transite	Chrysotile 28%	28%		None Detected	72%
C-25	83921	Ceiling Building #85	Grey/Black Cement	None Detected	0%		None Detected	100%
R-26	83922	Exterior Roof Building #85	Black Roofing	Inconclusive Trace Chrysotile Detected	<1.0%	*	None Detected	100%
RT-27	83923	Exterior Roof Building #85	Black Roofing Tar	Chrysotile 5%	5%		None Detected	95%

NVLAP Lab Code 200530-0

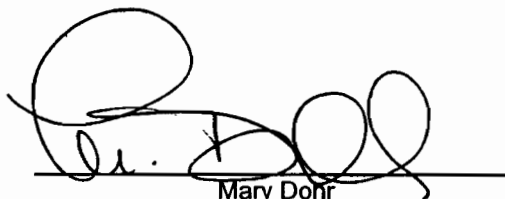
ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 11/11/2002
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

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PLM BULK ASBESTOS REPORT

Client: TVGA
Location: Roblin Steel
Dunkirk, New York
Sample Date: 11/08/2002

Job No: 11359-02
Page: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RT-28	83924	Building #80 Roof above Boiler Room	Black Roofing Tar	Chrysotile 8%	8%		None Detected	92%
FB-29	83925	Building #80 Boiler	Red/White Fire Brick	None Detected	0%		None Detected	100%
TKI-30	83926	Building #80 Boiler	Brown Fibrous Boiler Insulation	None Detected	0%		Cellulose 10% Mineral Wool 80%	10%
C-31	83927	Building #80 Base of Boiler	Grey Cement	None Detected	0%		None Detected	100%
C-32	83928	Building #80 Inside Boiler	Grey Brick Mortar	None Detected	0%		None Detected	100%

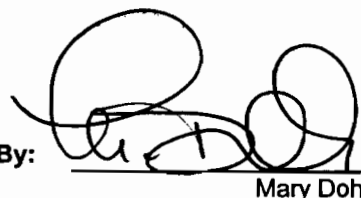
NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and quantifying asbestos in bulk samples").

Date Analyzed: 11/11/2002
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

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ENVOY

Environmental Consultants, Inc.

460 State St. Rochester, NY 14608
(585) 454-1060 * Fax (585) 454-1062

Client Mailing Address:

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client: **TVGA** Contact: **Bill Czelusta**
 Phone Number: **716-998-8574 (cell)** Fax Number:
 Results To: **Doug** Turn Around Time: 1 2 3 5 Other
 Date Sampled: **10-17-02** Material Type/Quantity: Friable NOB TEM
 Project Location: **Roblin Steec Dunkirk N.Y.**

LABORATORY USE ONLY

Job #: **10528-02**
 Page **1** of **1**
 Date Logged In: **10/18/02**
 Logged In By: **PF**

Client ID	Lab ID	Sampling Location	Color	Material Size	Type of Material
1	WC-01	Bldg # 85 - Beam # 5	Grey		Window Caulk
2	WG-02	" "	Grey		Window Glaze
3	TR-03	Bldg # 85 - Beam # 1	Grey		Transite Panel
4	TR-04	Bldg # 85 - Beam # 5	Brown		Transite Panel
5	TP-05	Bldg # 54 - Beam # 16 ^{out side}	Black		Tax Paper
6	TP-06	Bldg # 54 - Inside - Beam # 20	Black		Tax Paper
7	WG-07	Bldg # 54 - Beam # 20	White		Window Glaze
8	TP-08	Bldg # 54 - ^{out side} under window ledge beam # 21	Black		Tax Paper
9	FT-09	Bldg # 54 - office - Beam # 20	Grey	12x12	Floor Tile
10	FTM-10	Bldg # 54 - office - Beam # 20	Yellow		Mastic

Sampled By: *[Signature]* Date: **10-18-02**
 Relinquished By: *[Signature]* Date: **10-18-02**
 Received At Lab By: *[Signature]* Date: **10-18-02**

CHECK HERE IF PROJECT IS A SURVEY:

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: **Shawn**

TOTAL NUMBER OF SAMPLES IN SURVEY:

Environmental Consultants, Inc.
 460 State St. Rochester, NY 14608
 (585) 454-1060 * Fax (585) 454-1062

Client Mailing Address:
 1000 Maple Rd.
 P.O. Box H
 E/ma NY 14059

Client: **TUGA** Contact: **Bill Czelusta**
 Phone Number: **716-998-8574 (cell)** Fax Number: _____
 Results To: **Doug** Turn Around Time: 1 2 3 5 Other
 Date Sampled: **10-17-02** Material Type/Quantity: _____ NOB _____ TEM _____
 Project Location: **Roblin Steec**
Dunkirk N.Y.

Job #: **10529-02**
 Page (of) _____
 Date Logged In: **10/18/02**
 Logged In By: **PP**

Client ID	Lab ID	Sampling Location	Color	Material Size	Type of Material
1 CT-11	78235	Bldg # 54 - office - Beam # 20	white / brown	2x4	Ceiling Tile
2 CP-12	36	Bldg # 54 - Beam # 21	Grey		Ceiling Plaster
3 CT-13	37	Bldg # 54 - office - Beam # 32	white / brown	12" x 12"	Ceiling Tile
4 PI-14	38	Bldg # 80 - Beam # 37	white / yellow		Pipe Insulation
5 MSP-15	39	Bldg # 80 - Beam # 36	Grey / yellow		mudded joint fitting
6 W6-16	40	Bldg # 80 - Beam # 37	Grey		Window Glaze
7 TR-17	41	Bldg # 54 - Beam # 33	Grey		Transite Panel
8 CV-18	42	Bldg # 80 - Beam # 43	Grey / white		Canvas Cloth
9 WC-19	43	Bldg # 78 - Beam # 54	Grey		Window Cracks
10 TR-20	44	Bldg # 78 - Beam # 54	Grey		Transite Panel

Sampled By: *[Signature]* Date: **10-18-02**
 Relinquished By: *[Signature]* Date: **10-18-02**
 Received At Lab By: _____ Date: _____

CHECK HERE IF PROJECT IS A SURVEY:
 CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS
 or provide TEM contact name: **Shawn**
 TOTAL NUMBER OF SAMPLES IN SURVEY: _____

ENVOY

Environmental Consultants, Inc.

460 State St. Rochester, NY 14608
(585) 454-1060 * Fax (585) 454-1062

CHAIN OF CUSTODY FOR P/M ASBESTOS ANALYSIS

LABORATORY USE ONLY

Client: TVGA	Contact: Bill Czeluska
Phone Number: 716-998-8574 (ceid)	Fax Number:
Results To: Doug	Turn Around Time: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/> Other <input type="checkbox"/>
Date Sampled: 11-8-02	Material Type/Quantity: Friable NOB TEM
Project Location: Robin Steel Donkirk NY	

Job #: 11358-02
Page 1 of 1
Date Logged In: 11/11/02
Logged In By: PF

Client ID	Lab ID	Sampling Location	Color	Material Size	Type of Material
1 TP-21	83917	Building #54 - South Side office - Beam 32+33	Black		Tape paper
2 M-22	18	Building #80 - South Side - Behind wall	Black		Mastic
3		foam Board - Beam 37+38			
4 T-23	19	Roof Bldg #78	Grey		TRANSITE
5 T-24	20	Roof Bldg - #80	Grey		TRANSITE
6 C-25	21	Ceiling - Bldg #85	Grey/Black		Cement
7 R-26	22	EXT. Roof Bldg #85	Black		Roofing
8 RT-27	23	" "	Black		Roofing TAR
9					
10					

Sampled By:	Date: 11-8-02
Relinquished By:	Date: 11-11-02
Received At Lab By:	Date:

<input checked="" type="checkbox"/>	CHECK HERE IF PROJECT IS A SURVEY:
<input checked="" type="checkbox"/>	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:
37	TOTAL NUMBER OF SAMPLES IN SURVEY:

460 State St. Rochester, NY 14608
 (585) 454-1060 * Fax (585) 454-1062

Client Mailing Address:

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client: **TUGA** Contact: **Bill CZEUSTA**
 Phone Number: **716-998-8574 (cell)** Fax Number:
 Results To: **Doyle** Turn Around Time: 1 2 3 5 Other
 Date Sampled: **11-8-02** Material Type/Quantity: Friable NOB TEM
 Project Location: **Roblin Steel DUNKIRK NY**

Job #: **11359-0.2**
 Page **6** of **1**
 Date Logged In: **11/11/02**
 Logged In By: **PF**

Client ID	Lab ID	Sampling Location	Color	Material Size	Type of Material
1 RT-28	83924	Bldg # 80 - Roof Above boiler room	Black		Roofing TAR
2 FB-29	25	Bldg # 80 - Boiler	Red/white		FIRE BRICK
3 TKI-30	26	" "	Brown		Boiler Insulation
4 C-31	27	" " Base of boiler	Grey		Cement
5 C-32	28	" " Inside	Grey		BRICK MORTAR
6					
7					
8					
9					
10					

Sampled By: *[Signature]* Date: **11-8-02** CHECK HERE IF PROJECT IS A SURVEY:

Relinquished By: *[Signature]* Date: **11-11-02** CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:

Received At Lab By: *[Signature]* Date: **11-11-02** TOTAL NUMBER OF SAMPLES IN SURVEY: **31**

APPENDIX J

QUALITATIVE RISK ASSESSMENT REPORT

FORMER ROBLIN STEEL SITE SI/RAR RISK ASSESSMENT REPORT

1.0 Introduction

A qualitative risk assessment was performed to assess potential human health and environmental risks associated with the site. The assessment was based on the results of the initial and supplemental site investigations completed in 2002 and 2003 respectively, and the site's intended future use as a commercial or industrial facility. Recently, a local industry expressed an interest in redeveloping the property as a warehousing/distribution center.

In addition to site specific information and in lieu of a quantitative risk assessment, regulatory guidance and precedence established by the NYSDEC for cleanup goals at similar sites (e.g., LTV Steel and Hanna Furnace in Buffalo, NY), background metals concentrations at industrial sites in the Dunkirk area (Al Tech Specialty Steel, Alumax Extrusion Facility and Edgewood Warehouse), and neighboring states (Pennsylvania) were reviewed to develop the proposed cleanup limits for this site.

2.0 Data Collection and Evaluation

The 12-acre former Roblin Steel site in Dunkirk, NY has been the subject of several site investigations beginning with a Phase II environmental assessment in 1990, followed by groundwater and soil assessments during the 1990s, and culminating in this Site Investigation Report. The site is characterized by soil and groundwater contamination with volatile organics, semi-volatile organics (particularly PAHs), PCBs and metals.

The data presented in detail in previous sections of this report and statistically summarized in Table 1 (Initial Investigation) and Table 2 (Supplemental Investigation) of this section show the soils to be predominantly contaminated with metals, both in the surface and subsurface soils. Trichloroethene is found at elevated concentrations in the vicinity of MW-09, and carcinogenic PAHs are found at several locations around the site.

The regulatory values for metals in Tables 1 and 2 are based on either the NYSDEC's guidance values or background as per TAGM #4046 on Soil Cleanup Objectives and Levels. Two background samples (SS-21-S and SS-22-S) were collected as part of the site investigation. The HSL (USEPA's Hazardous Substance List) organics should not typically be present in soils, and therefore the regulatory values in Table 1 for organics are those listed in TAGM #4046. Some of the contaminants have found their way into surface water and sediments. Nearly all surficial and subsurface soils exceeded regulatory guidance values for metals concentrations. Only one area has surface and subsurface soils exceeding guidance values for volatile organics. Semivolatile organics (predominantly carcinogenic PAHs) were found at elevated levels in more than half the surficial and subsurface soils analyzed.

Groundwater contamination is primarily due to chlorinated hydrocarbons and aromatic hydrocarbons that exceed guidance values. The elevated metals concentrations in some of the wells appear to be naturally occurring. The surface water samples show only iron at elevated concentrations, and all other chemicals below regulatory guidance values.

3.0 Exposure Assessment

The Roblin Steel site is located in a zoned industrial area of the city. The steel mill was closed and all former process equipment were removed from the buildings. The site has been vacant since the late 1980s. Land use in this area is characterized by a mixture of commercial, industrial and residential uses. The site has not been secured against trespassing and vandalism. Pathways that currently exist for contaminants to migrate from the site include:

Air:	Fugitive dust from erosion of contaminated surface soils or construction activities at the site
Surface water:	Erosion and surface water runoff of contaminated soils from the site into catch basins and sumps or Hyde Creek.
Groundwater:	Rainwater infiltration and leaching of contaminants from site soils as well as railroad ballasts on north side of site by MW07.
Biota:	Uptake of contaminated soil, surface water or sediment

Given the nature and extent of contamination, and the multiple land use scenarios adjacent to the site, populations in the vicinity of the site could potentially be affected by the following exposure routes to site contaminants:

- Inhalation of particulates containing airborne contaminants
- Ingestion of contaminated soil, surface water or groundwater
- Dermal contact with contaminated soil, surface water or groundwater

Metals and carcinogenic PAHs are the primary contaminants of concern since they exist in all media at elevated levels. Volatilization of contaminants do not appear to be of concern under existing conditions since VOC contamination is limited to distinct locations in the surface and subsurface soils (OU-1, in the vicinity of MW-09), and groundwater (at EX-MW-11). The subsurface soil in the OU-1 area should be excavated and disposed off-site to eliminate the source of groundwater contamination. Any residual VOC contamination in the groundwater may have to be addressed as a potential future IRM activity or as part of the groundwater remediation activities that will be undertaken on adjacent properties. VOCs may also be of some concern during construction activities when VOC contaminated groundwater is exposed.

Human exposure to contaminants at the site can occur under existing conditions, during construction as well as during the intended future use of the site for industrial/commercial purposes. Populations potentially exposed are those that come in contact with the above three modes of contaminant migration. Currently, due to the unrestricted access to the site, people on site (especially children) and in the neighboring residences are potentially exposed to the site contaminants through the air and surface water routes. These two routes will also be of greater concern during intrusive construction activities at the site. Unless mitigated, the risks to human health will continue when the site is put to industrial or commercial use. The surface water and groundwater routes can also mobilize the contaminants into the lake thereby affecting aquatic life.

The site is under consideration for redevelopment as a possible warehouse and food distribution center. The buildings will be refurbished and the area outside the buildings will be either covered with clean soil or paved for truck and other vehicular access. Under this

scenario, the contaminant migration and exposure pathways will be controlled. In particular, the fugitive dust and overland surface water runoff routes will be eliminated. While rainwater infiltration through contaminated soils will be reduced, groundwater flowing beneath the site may still carry contaminants off-site. The catch basins and storm drains could remain as potential sources of contamination if not cleaned out and either refurbished or properly plugged and abandoned.

4.0 Chemicals of Potential Concern (CPCs) and Their Toxicities

Site-specific contaminants that exceed regulatory guidance values for soil, groundwater or surface water are shown in Table 3 along with possible health effects. For comparison of the relative toxicities of these contaminants, OSHA standards for worker exposure and Maximum Contaminant Levels (MCLs) from the Safe Drinking Water Act are included in the table. The OSHA TWAs are included in Table 3 also for use in establishing requirements for worker protection during on site construction activities.

5.0 Risk Characterization

Site contaminants include both carcinogenic (PAHs, 1, 2-dichloroethene, nickel) and non-carcinogenic (all other metals, chlorinated organics and hydrocarbons) parameters. Currently, the most significant pathway for human exposure is by inhalation of airborne contaminated soil and by direct dermal contact with the soils. The lack of controls for site access increases the potential for human exposure. Access is restricted by fencing on the south, west and east, but not on the north side where site access is possible by foot or vehicle. The City of Dunkirk has a public water supply system that uses surface water from Lake Erie. Off-site migration through the groundwater and subsequent indirect exposure to the site contaminants remains a concern.

A quantitative risk assessment was not performed for this site as the same contaminants have been the subject of risk assessments at other brownfields sites, and general guidance has been established by State and Federal agencies. In particular, the NYSDEC has established soil cleanup goals for two similar brownfields sites, LTV Steel and Hanna Furnace, in western New York.

6.0 Regulatory Review

Major regulations applicable to the site soils include the NYSDEC's TAGM #4046 on Determination of Soil Cleanup Objectives and Cleanup Levels, the Resource Conservation and Recovery Act (RCRA) and the Toxic Substances Control Act (TSCA). Additionally, the USEPA's Interim Soil Lead Guidance (EPA/540/F-94/043) provides guidance in determining protective levels for lead in soils.

The NYSDEC cleanup goals (TAGM #4046 for soil remediation) and RCRA toxicity limits (for disposal purposes) for the parameters of concern at this site are summarized in Table 4. The NYSDEC soil cleanup goals are typically used under the residential land use scenario in New York State. Higher goals are normally accepted for non-residential properties, and can generally be applied without any risk assessment. TAGM #4046 allows the use of site-specific or state-wide background soil concentrations for metals. However, it is commonly known that metals in background soils are highly variable even within specific rural, industrial, commercial and urban locations.

As a comparison, cleanup goals (referred to as medium-specific concentrations or MSCs) established by the Pennsylvania Department of Environmental Regulation (PADER) under the land recycling program for non-residential surface soils is also included in Table 4. PADER has an MSC of 190,000 mg/Kg for each metal in non-residential, subsurface soils at depths greater than 2 feet. The values are generally much higher than the corresponding cleanup goals in New York State.

TSCA Section 403 guidance identifies various types of responses commensurate with the level of potential risk reduction and cost incurred to achieve the risk reduction. For example, it recommends limited interim controls for sites with lead in the range of 400 to 5000 ppm, and abatement of soils with lead above 5000 ppm. RCRA toxicity criteria will be applicable for any contaminated soil that is removed from the site for off-site treatment and/or disposal. Soils exceeding the TCLP limits for lead and other heavy metals on the toxicity list will be deemed hazardous. These soils will have to be disposed off-site as a hazardous waste or be rendered non-hazardous by treatment before disposal in a permitted solid waste landfill.

The USEPA has published (see USEPA's IRIS database) a toxicity factor (or cancer slope factor) for benzo (a) pyrene. Toxicity factors are not currently available for the other six carcinogenic polynuclear aromatic hydrocarbons (cPAHs). The seven cPAHs are not equally toxic and their tumorigenic potency or toxic equivalency factors (TEFs) relative to benzo (a) pyrene (or B(a)P) can be used to calculate their benzo (a) pyrene equivalent concentrations. The B(a)P-TEF is 1.0 for benzo (a) pyrene and dibenzo (a, h) anthracene, 0.001 for chrysene, and 0.1 for the remaining cPAHs. Tables 1 and 2 include a statistical summary (average, minimum and maximum) of the calculated total B(a)P-TEF equivalent concentrations for soil samples analyzed for semivolatile organics. At this time, the New York State DEC has proposed guidance values of 10 ppm B(a)P-TEF equivalent concentration in soil for commercial/industrial use.

Cleanup limits were recently approved by the NYSDEC for volatile organics, heavy metals and carcinogenic PAHs at the LTV Steel and Hanna Furnace sites in Western New York based on leaching studies, assessment of site soils and background soils data, and industry-specific risk assessments. Heavy metals in contaminated soils at industrial sites are less mobile and do not readily leach into groundwater or surface water. The limits approved for these two brownfields sites can be applied to the Roblin Steel site due to their similarities in site contaminants, intended future commercial/industrial use and required deed restrictions under the brownfields program.

7.0 Soil Leaching Study

The leachability of metals from contaminated soils at the site was evaluated using the USEPA's Synthetic Precipitation Leaching Procedure (SPLP Method 1312). A composite soil sample from an area of high metals concentration (RSS-SS12-S-0) was mixed with a simulated precipitation for the Western New York area in a manner similar to the TCLP extraction procedure. The rainwater was simulated using ten years worth of historical chemical data for precipitation in the Western New York area, which is collected and maintained by the USGS's National Atmospheric Deposition Program database. As shown in Table 5A, several inorganic constituents (cations and anions) are present in rainfall over this area. For the SPLP test procedure, the simulated precipitation was prepared with distilled deionized water to which were added the commonly present chemical constituents at the maximum seasonal precipitation-weighted mean concentrations.

A second grab soil sample was tested for TCLP and SPLP during the supplemental investigation. Several other soil samples from soil stock piles were also tested TCLP during as part of the supplemental investigation.

The leaching test results tabulated in Tables 5 and 6 show the metals of concern at this site to be tightly bound to the soils, and not likely to significantly impact the groundwater. Less than 2% of the total metals in the soil sample was extracted by the synthetic leachate in the first sample (see Table 5). The relative percent extraction was lower (less than 0.6%) in the second sample (see Table 6). The TCLP results were also well below the corresponding RCRA toxicity criteria. Due to the immobility of the metals, the soil cleanup levels can be set several times higher than those listed in the NYSDEC's TAGM #4046 and still be protective of groundwater, and human health and the environment.

8.0 Background Metals Concentrations

Background metals concentrations in soils are highly variable not only across the northeastern United States, but also across western New York in general and within industrial areas in particular. The two site background soil samples (SS-21-S and SS-22-S, see Table 5) that were taken from the backyards of residential homes reflect the inherent variability, and also have relatively lower metals concentrations than those typical encountered in an industrial areas. These two samples are therefore inappropriate for use in establishing cleanup limits for a restricted use brownfields industrial site such as Roblin.

Phase I and II investigation reports for three other industrial sites in the Dunkirk (Al Tech Specialty Steel, Alumax Extrusion Facility and Edgewood Warehouse) were reviewed for possible use in establishing cleanup goals for this site. As shown in Table 7, all three sites show highly variable soil metals concentrations in both the plant areas and in background locations and can only be used in a qualitative sense to develop cleanup levels. The relative toxicities of the metals also have to be taken into consideration.

9.0 Site-Specific Cleanup Goals

The site is anticipated to be redeveloped for industrial or commercial use by renovating the buildings, and covering or paving all the areas around the buildings. Under this future use scenario, the site specific soil cleanup limits can be established similar to those approved for the other two brownfields sites (e.g. LTV and Hanna Furnace) being remediated in Western New York. All three sites are associated with past steel manufacturing operations. They are all being remediated under the brownfields program and will have similar deed restrictions and final cover requirements for future use.

The cleanup goals in NYSDEC's TAGM #4046 are applicable primarily to residential sites and to protect the underlying groundwater. Regulatory guidance allows the use of higher cleanup goals for non-residential sites, particularly those under the brownfields program. The deed restrictions will limit redevelopment to commercial/industrial uses, and the cover requirements will prevent contact with residual soil contaminants after soils exceeding the site-specific cleanup levels are removed and disposed of off-site. The final cover of clean soil or asphalt will thus be protective of human health and the environment. Additionally, the relative immobility of the metals in the site soils justifies the use of correspondingly higher cleanup goals. Soil leaching tests at this and other similar brownfields sites have

shown the contaminants of concern (metals and cPAHs) to have low leaching potentials, thereby minimizing migration pathways.

Table 8 lists proposed cleanup levels along with the rationale for setting these levels for this site based on the qualitative risk assessment, site-specific soil concentrations and cleanup levels at other similar brownfields sites. The site-specific concentrations are compared with the proposed cleanup levels in Table 9.

10.0 Remediation Approach

A final remediation approach will be developed and submitted to the NYSDEC for review in an IRM work plan following acceptance of the proposed site-specific cleanup levels. The IRM approach will likely include:

- Excavation and off-site disposal of surface soil/fill (e.g. one foot) that exceeds the cleanup limits
- Excavation and off-site disposal of subsurface soil/fill hotspots
- Covering of all portions of the site not covered by buildings, sidewalks, roadways, parking areas or other structures with 12 inches of clean soil to limit exposure
- Removal of PCB contaminated soil and concrete
- Removal of asbestos containing materials
- On-site bioremediation of petroleum contaminated soils exhibiting objectionable nuisance characteristics (e.g. odors)
- Development of a Soil/Fill Management Plan that provides protocols for site development activities including:
 - Excavation, grading, sampling and handling of site soils
 - Acceptability of soil from off-site sources for backfill or cover
 - Erosion/dust control measures
 - Fencing or other access controls
 - Health and safety procedures for construction activities and protection of surrounding community
 - Deed restrictions
 - Zoning of property
 - Program responsibilities

The primary exposure pathway (contact with contaminated surface soil) and the leaching of contaminants from the subsurface soils in the vadose zone by infiltration will be significantly reduced with the soil cover and paving of the exposed soils around the buildings.

List of Tables

- 1 Summary of Contaminant Concentrations – Initial Site Investigation**
 - 1A. Surface Soil Samples**
 - 1B. Subsurface Soil Samples**
 - 1C. Groundwater Samples**
 - 1D. Surface Water Samples**

- 2 Summary of Contaminant Concentrations – Supplemental Site Investigation**
 - 2A. Metals in Surface Soil Samples**
 - 2B. Metals in Subsurface Soil Samples**
 - 2C. Organics in Surface Soil Samples**
 - 2D. Organics in Subsurface Soil Samples**

- 3 Chemicals of Potential Concern and Their Health Effects**

- 4 Guidance Values for Site Contaminants**

- 5 Soil Leachability Study – Initial Site Investigation**

- 6 Soil Leachability Study – Supplemental Site Investigation**

- 7 Metals Concentrations at Other Sites**

- 8 Proposed Site-Specific Cleanup Levels**

- 9 Comparison of Site Concentrations to Proposed Cleanup Levels**

Table 1A
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Site Investigation
Surface Soil Samples

PARAMETER	REGULATORY VALUE	UNITS	MAX	MIN	AVERAGE
TAL - Metals (ppm)					
Aluminum	10,800	MG/KG	24400	3020	12528
Antimony	0.94	MG/KG	27.3	0.74	7.21
Arsenic	12.7	MG/KG	28.0	3.40	14.7
Barium	300	MG/KG	798	0.90	293
Beryllium	0.56	MG/KG	4.90	0	1.87
Cadmium	1.00	MG/KG	118	0	13.4
Calcium	3,000	MG/KG	157000	2460	72888
Chromium	29.4	MG/KG	966	14.6	328
Cobalt	30	MG/KG	25.6	3.20	11.1
Copper	25	MG/KG	717	24.4	225
Cyanide	-	MG/KG	5.20	0.55	1.46
Iron	26,300	MG/KG	274000	19700	116918
Lead	200	MG/KG	5940	91.6	734
Magnesium	2,890	MG/KG	33000	1330	17190
Manganese	430	MG/KG	33500	176	5698
Mercury	0.1	MG/KG	2.40	0.06	0.52
Nickel	27.3	MG/KG	482	16.5	169
Potassium	1,100	MG/KG	2180	42.8	1037
Selenium	2	MG/KG	6.90	1.30	3.15
Silver	0.14	MG/KG	15.5	0	2.22
Sodium	111	MG/KG	5970	88.7	1101
Thallium	1	MG/KG	1.00	1.00	1.00
Vanadium	150	MG/KG	45.1	9.2	24.7
Zinc	274	MG/KG	154000	183	15973
Leachable pH	-	S.U.	8.77	7.88	8.26
Carcinogenic PAHs (ppb)					
Benzo(a)anthracene	3,000	UG/KG	140000	240	18822
Benzo(a)pyrene	11,000	UG/KG	110000	230	15797
Benzo(b)fluoranthene	1,100	UG/KG	92000	430	15991
Benzo(k)fluoranthene	1,100	UG/KG	95000	260	14943
Chrysene	400	UG/KG	130000	340	18570
Dibenzo(a,h)anthracene	165,000,000	UG/KG	37000	49	4690
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	67000	150	8831
Total cPAHs (ppb)			671000	0	87833
Total BG/P-TEF (ppb)			186530	0	24106
Semi-Volatiles (ppb)					
1,2,4-Trichlorobenzene	3,400	UG/KG	--	--	ND
1,2-Dichlorobenzene	7,900	UG/KG	--	--	ND
1,3-Dichlorobenzene	1,550	UG/KG	--	--	ND
1,4-Dichlorobenzene	8,500	UG/KG	--	--	ND
2,2'-Oxybis(1-Chloropropane)	-	UG/KG	--	--	ND
2,4,5-Trichlorophenol	100	UG/KG	--	--	ND
2,4,6-Trichlorophenol	-	UG/KG	--	--	ND
2,4-Dichlorophenol	400	UG/KG	--	--	ND
2,4-Dimethylphenol	-	UG/KG	--	--	ND
2,4-Dinitrophenol	200	UG/KG	--	--	ND
2,4-Dinitrotoluene	-	UG/KG	--	--	ND
2,6-Dinitrotoluene	1,000	UG/KG	--	--	ND
2-Chloronaphthalene	-	UG/KG	--	--	ND
2-Chlorophenol	800	UG/KG	--	--	ND
2-Methylnaphthalene	36,400	UG/KG	7900	24.0	1232
2-Methylphenol	100	UG/KG	--	--	ND
2-Nitroaniline	430	UG/KG	--	--	ND
2-Nitrophenol	330	UG/KG	--	--	ND
3,3'-Dichlorobenzidine	-	UG/KG	--	--	ND
3-Nitroaniline	500	UG/KG	--	--	ND
4,6-Dinitro-2-methylphenol	-	UG/KG	--	--	ND
4-Bromophenyl phenyl ether	-	UG/KG	--	--	ND
4-Chloro-3-methylphenol	240	UG/KG	--	--	ND
4-Chloroaniline	220	UG/KG	--	--	ND
4-Chlorophenyl phenyl ether	-	UG/KG	--	--	ND
4-Methylphenol	900	UG/KG	--	--	ND
4-Nitroaniline	-	UG/KG	--	--	ND
4-Nitrophenol	100	UG/KG	--	--	ND
Acenaphthene	90,000	UG/KG	31000	10.0	4258
Acenaphthylene	41,000	UG/KG	950	16.0	205
Anthracene	700,000	UG/KG	74000	48.0	9307
Benzo(ghi)perylene	800,000	UG/KG	61000	98.0	7722
Bis(2-chloroethoxy) methane	-	UG/KG	--	--	ND
Bis(2-chloroethyl) ether	-	UG/KG	--	--	ND
Bis(2-ethylhexyl) phthalate	435,000	UG/KG	4300	0.60	731
Butyl benzyl phthalate	122,000	UG/KG	37000	12.0	8875
Carbazole	-	UG/KG	30000	37.0	3912
Dibenzofuran	6,200	UG/KG	23000	14.0	2876
Diethyl phthalate	7,100	UG/KG	--	--	ND
Dimethyl phthalate	2,000	UG/KG	--	--	ND
Di-n-butyl phthalate	8,100	UG/KG	480	0.50	140
Di-n-octyl phthalate	120,000	UG/KG	96.0	96.0	96.0
Fluoranthene	1,900,000	UG/KG	340000	610	44291
Fluorene	350,000	UG/KG	33000	15.0	3918
Hexachlorobenzene	1,400	UG/KG	--	--	ND
Hexachlorobutadiene	-	UG/KG	--	--	ND
Hexachlorocyclopentadiene	-	UG/KG	--	--	ND
Hexachloroethane	-	UG/KG	--	--	ND
Isophorone	4,400	UG/KG	--	--	ND
Naphthalene	13,000	UG/KG	25000	12.0	2936
Nitrobenzene	200	UG/KG	--	--	ND
N-Nitroso-Di-n-propylamine	-	UG/KG	--	--	ND
N-nitrosodiphenylamine	-	UG/KG	--	--	ND
Pentachlorophenol	1,000	UG/KG	--	--	ND
Phenanthrene	220,000	UG/KG	280000	280	35614
Phenol	30	UG/KG	--	--	ND
Pyrene	665,000	UG/KG	250000	450	31443
Total SVOCs (ppb)			1156330	1480	145472
Total SVOCs + cPAHs (ppb)			1827330	3179	240624
Pesticides / PCBs (ppb)					
4,4'-DDD	2,900	UG/KG	40.0	2.80	17.6
4,4'-DDE	2,100	UG/KG	9.70	2.00	6.04
4,4'-DDT	2,100	UG/KG	47.0	5.40	25.4
Aldrin	41	UG/KG	--	--	ND
alpha-BHC	111	UG/KG	--	--	ND
alpha-Chlordane	540	UG/KG	2.40	2.40	2.40
Aroclor 1016	10,000	UG/KG	--	--	ND
Aroclor 1221	10,000	UG/KG	--	--	ND
Aroclor 1232	10,000	UG/KG	--	--	ND
Aroclor 1242	10,000	UG/KG	--	--	ND
Aroclor 1248	10,000	UG/KG	310	130	220

Table 1A
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Site Investigation
Surface Soil Samples

PARAMETER	REGULATORY VALUE	UNITS	MAX	MIN	AVERAGE
Aroclor 1254	10,000	UG/KG	--	--	ND
Aroclor 1260	10,000	UG/KG	320	97.0	186
beta-BHC	200	UG/KG	--	--	ND
delta-BHC	300	UG/KG	--	--	ND
Dieldrin	100	UG/KG	11.0	2.30	5.33
Endosulfan I	900	UG/KG	--	--	ND
Endosulfan II	900	UG/KG	2.00	2.00	2.00
Endosulfan Sulfate	1,000	UG/KG	--	--	ND
Endrin	100	UG/KG	18.0	3.10	8.70
Endrin aldehyde	-	UG/KG	9	3.30	6
Endrin ketone	-	UG/KG	23	4.50	14
gamma-BHC (Lindane)	60	UG/KG	--	--	ND
gamma-Chlordane	14,000	UG/KG	26.0	26.0	26.0
Heptachlor	100	UG/KG	--	--	ND
Heptachlor epoxide	20	UG/KG	3.20	2.10	2.65
Methoxychlor	-	UG/KG	170	7.40	72
Toxaphene	-	UG/KG	--	--	ND
Total Pesticides/PCBs (ppb)			763	7.40	183

NOTE: Regulatory values based on NYSDEC TAGM #4046 and site background

Table 1B
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	Max	Min	AVERAGE
TAL - Metals (ppm)					
Aluminum	10,800	MG/KG	17400	1090	10310
Antimony	0.94	MG/KG	13.00	0.28	1.99
Arsenic	12.7	MG/KG	23.40	5.40	12.81
Barium	300	MG/KG	5860	8.80	300
Beryllium	0.56	MG/KG	2.60	0.24	0.67
Cadmium	1.00	MG/KG	2.80	0.17	0.49
Calcium	3,000	MG/KG	141000	100	19570
Chromium	29.4	MG/KG	630	11.6	69
Cobalt	30	MG/KG	18.3	5.30	9.8
Copper	25	MG/KG	291	18.1	57
Cyanide	-	MG/KG	0.88	0.50	0.61
Iron	26,300	MG/KG	279000	47.2	41743
Lead	200	MG/KG	192	13.0	53
Magnesium	2,890	MG/KG	38900	137	6111
Manganese	430	MG/KG	10300	144	957
Mercury	0.1	MG/KG	0.31	0.01	0.12
Nickel	27.3	MG/KG	505	14.0	52.3
Potassium	1,100	MG/KG	2400	36.7	1135
Selenium	2	MG/KG	5.30	0.60	1.77
Silver	0.14	MG/KG	1.60	0.07	0.39
Sodium	111	MG/KG	437	59.7	184
Thallium	1	MG/KG	1.20	0.58	1.00
Vanadium	150	MG/KG	72.5	8.50	21.5
Zinc	274	MG/KG	1090	62.8	207
Volatiles (ppb)					
1,1,1-Trichloroethane	800	UG/KG	--	--	ND
1,1,2,2-Tetrachloroethane	-	UG/KG	--	--	ND
1,1,2-Trichloroethane	-	UG/KG	--	--	ND
1,1-Dichloroethane	200	UG/KG	--	--	ND
1,1-Dichloroethene	400	UG/KG	1.00	1.00	1.00
1,2-Dichloroethane	100	UG/KG	12.0	12.0	12.0
1,2-Dichloroethene (Total)	-	UG/KG	270	2.00	117
1,2-Dichloropropane	-	UG/KG	--	--	ND
2-Butanone	300	UG/KG	8.00	2.00	6.33
2-Hexanone	-	UG/KG	--	--	ND
4-Methyl-2-pentanone	1,000	UG/KG	--	--	ND
Acetone	200	UG/KG	3500	2.00	149
Benzene	60	UG/KG	57.0	57.0	57.0
Bromodichloromethane	-	UG/KG	--	--	ND
Bromoform	-	UG/KG	--	--	ND
Bromomethane	-	UG/KG	--	--	ND
Carbon Disulfide	2,700	UG/KG	2.00	1.00	1.83
Carbon Tetrachloride	600	UG/KG	--	--	ND
Chlorobenzene	1,700	UG/KG	--	--	ND
Chloroethane	1,900	UG/KG	--	--	ND
Chloroform	300	UG/KG	--	--	ND
Chloromethane	-	UG/KG	2.00	2.00	2.00
cis-1,3-Dichloropropene	-	UG/KG	--	--	ND
Dibromochloromethane	-	UG/KG	--	--	ND
Ethylbenzene	5,500	UG/KG	33.0	33.0	33.0
Methylene chloride	100	UG/KG	23000	4.00	780
Styrene	-	UG/KG	--	--	ND
Tetrachloroethene	1,400	UG/KG	--	--	ND
Toluene	1,500	UG/KG	1.00	1.00	1.00
Total Xylenes	1,200	UG/KG	8400	5.00	2842
trans-1,3-Dichloropropene	-	UG/KG	--	--	ND
Trichloroethene	700	UG/KG	200000	1.00	40119
Vinyl chloride	200	UG/KG	28	2.00	15
Total VOCs (ppb)			234917	8.00	8471

Table B
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	Max	Min	AVERAGE
Carcinogenic PAHs (ppb)					
Benzo(a)anthracene*	3,000	UG/KG	4500	19.0	597
Benzo(a)pyrene*	11,000	UG/KG	3800	15.0	521
Benzo(b)fluoranthene*	1,100	UG/KG	3600	26.0	552
Benzo(k)fluoranthene*	1,100	UG/KG	4100	22.0	737
Chrysene*	400	UG/KG	4800	23.0	594
Dibenzo(a,h)anthracene*	165,000,000	UG/KG	1300	10.0	227
Indeno(1,2,3-cd)pyrene*	3,200	UG/KG	2900	13.0	377
Total cPAHs (ppb)			25000	0.0	2597
Total BAP-TEF (ppb)					
			6615	0.0	685
Semi-Volatiles (ppb)					
1,2,4-Trichlorobenzene	3,400	UG/KG	--	--	ND
1,2-Dichlorobenzene	7,900	UG/KG	--	--	ND
1,3-Dichlorobenzene	1,550	UG/KG	--	--	ND
1,4-Dichlorobenzene	8,500	UG/KG	--	--	ND
2,2'-Oxybis(1-Chloropropane)	-	UG/KG	--	--	ND
2,4,5-Trichlorophenol	100	UG/KG	--	--	ND
2,4,6-Trichlorophenol	-	UG/KG	--	--	ND
2,4-Dichlorophenol	400	UG/KG	--	--	ND
2,4-Dimethylphenol	-	UG/KG	--	--	ND
2,4-Dinitrophenol	200	UG/KG	--	--	ND
2,4-Dinitrotoluene	-	UG/KG	--	--	ND
2,6-Dinitrotoluene	1,000	UG/KG	--	--	ND
2-Chloronaphthalene	-	UG/KG	--	--	ND
2-Chlorophenol	800	UG/KG	--	--	ND
2-Methylnaphthalene	36,400	UG/KG	9900	12.0	1381
2-Methylphenol	100	UG/KG	--	--	ND
2-Nitroaniline	430	UG/KG	--	--	ND
2-Nitrophenol	330	UG/KG	--	--	ND
3,3'-Dichlorobenzidine	-	UG/KG	--	--	ND
3-Nitroaniline	500	UG/KG	--	--	ND
4,6-Dinitro-2-methylphenol	-	UG/KG	--	--	ND
4-Bromophenyl phenyl ether	-	UG/KG	--	--	ND
4-Chloro-3-methylphenol	240	UG/KG	--	--	ND
4-Chloroaniline	220	UG/KG	--	--	ND
4-Chlorophenyl phenyl ether	-	UG/KG	--	--	ND
4-Methylphenol	900	UG/KG	--	--	ND
4-Nitroaniline	-	UG/KG	63.0	63.0	63
4-Nitrophenol	100	UG/KG	--	--	ND
Acenaphthene	90,000	UG/KG	630	13.0	193
Acenaphthylene	41,000	UG/KG	790	12.0	222
Anthracene	700,000	UG/KG	1300	11.0	252
Benzo(ghi)perylene	800,000	UG/KG	2700	12.0	399
Bis(2-chloroethoxy) methane	-	UG/KG	2000	2000	2000
Bis(2-chloroethyl) ether	-	UG/KG	--	--	ND
Bis(2-ethylhexyl) phthalate	435,000	UG/KG	1500	6.00	268
Butyl benzyl phthalate	122,000	UG/KG	12.0	12.0	12.0
Carbazole	-	UG/KG	450	13.0	120
Dibenzofuran	6,200	UG/KG	510	13.0	179
Diethyl phthalate	7,100	UG/KG	17.0	0	11.1
Dimethyl phthalate	2,000	UG/KG	--	--	ND
Di-n-butyl phthalate	8,100	UG/KG	240	0.7	49.2
Di-n-octyl phthalate	120,000	UG/KG	30.0	0	16.9
Fluoranthene	1,900,000	UG/KG	10000	11.0	1180
Fluorene	350,000	UG/KG	1000	12.0	296
Hexachlorobenzene	1,400	UG/KG	--	--	ND
Hexachlorobutadiene	-	UG/KG	--	--	ND
Hexachlorocyclopentadiene	-	UG/KG	--	--	ND
Hexachloroethane	-	UG/KG	--	--	ND
Isophorone	4,400	UG/KG	--	--	ND
Naphthalene	13,000	UG/KG	3400	16.0	457
Nitrobenzene	200	UG/KG	--	--	ND
N-Nitroso-Di-n-propylamine	-	UG/KG	--	--	ND
N-nitrosodiphenylamine	-	UG/KG	--	--	ND
Pentachlorophenol	1,000	UG/KG	--	--	ND
Phenanthrene	220,000	UG/KG	4900	13.0	885
Phenol	30	UG/KG	22.0	22.0	22.0
Pyrene	665,000	UG/KG	8700	14.0	946
Total SVOCs (ppb)			28910	0	4756
Total SVOCs + cPAHs (ppb)			53910	0	7353
Pesticides / PCBs (ppb)					
4,4'-DDD	2,900	UG/KG	18.0	3.60	8.06
4,4'-DDE	2,100	UG/KG	18.0	2.30	7.33
4,4'-DDT	2,100	UG/KG	38.0	2.80	14.5
Aldrin	41	UG/KG	9.20	1.80	3.75
alpha-BHC	111	UG/KG	9.20	1.80	3.75
alpha-Chlordane	540	UG/KG	9.20	1.80	3.75
Aroclor 1016	10,000	UG/KG	180	36.0	73.3
Aroclor 1221	10,000	UG/KG	360	72.0	147
Aroclor 1232	10,000	UG/KG	180	36.0	73.3
Aroclor 1242	10,000	UG/KG	180	36.0	73.3
Aroclor 1248	10,000	UG/KG	180	36.0	73.3
Aroclor 1254	10,000	UG/KG	290	36.0	113
Aroclor 1260	10,000	UG/KG	180	36.00	73.25
beta-BHC	200	UG/KG	9.20	1.80	3.75
delta-BHC	300	UG/KG	9.20	1.80	3.75
Dieldrin	100	UG/KG	18.0	2.10	7.49
Endosulfan I	900	UG/KG	9.20	1.80	3.75
Endosulfan II	900	UG/KG	18.0	3.60	7.33
Endosulfan Sulfate	1,000	UG/KG	18.0	3.50	6.56
Endrin	100	UG/KG	18.0	3.60	7.33
Endrin aldehyde	-	UG/KG	18.0	3.60	7.33
Endrin ketone	-	UG/KG	15.0	2.70	6.70
gamma-BHC (Lindane)	60	UG/KG	9.20	1.80	3.75
gamma-Chlordane	14,000	UG/KG	9.20	1.80	3.75
Heptachlor	100	UG/KG	9.20	1.80	3.75
Heptachlor epoxide	20	UG/KG	9.20	1.80	3.75
Methoxychlor	-	UG/KG	46.0	2.40	22.3
Toxaphene	-	UG/KG	920	180	375
Total Pesticides/PCBs (ppb)			363	0	30.0
Leachable pH	-	S.U.	12.3	6.20	8.08

NOTE: Regulatory values based on NYSDEC TAGM #4046 and site background

Table C
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Groundwater Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	MAX	MIN	AVERAGE
TAL - Metals (ppb)					
Aluminum	100	UG/L	7340	33	998
Antimony	3	UG/L	--	--	ND
Arsenic	25	UG/L	23.2	6.80	13.6
Barium	1,000	UG/L	350	8.6	178
Beryllium	1,100	UG/L	0.55	0.23	0.39
Cadmium	5	UG/L	--	--	ND
Calcium	-	UG/L	186000	151	90188
Chromium	50	UG/L	7.40	0.65	2.30
Cobalt	NA	UG/L	5.60	0.52	2.62
Copper	200	UG/L	12.2	0.95	4.76
Cyanide	200	MG/L	--	--	ND
Iron	300	UG/L	11300	63.4	1321
Lead	25	UG/L	6.70	4.20	5.45
Magnesium	35,000	UG/L	68500	37.5	29465
Manganese	300	UG/L	761	0.81	346
Mercury	1	UG/L	0	0	0
Nickel	100	UG/L	37.2	1.00	9.52
Potassium	-	UG/L	20500	3880	9869
Selenium	10	UG/L	26.9	5.90	13.4
Silver	50	UG/L	0.77	0.50	0.64
Sodium	20,000	UG/L	640000	1550	112708
Thallium	1	UG/L	3.90	3.90	3.90
Vanadium	-	UG/L	11.6	0.80	3.77
Zinc (2)	2,000	UG/L	38.3	4.10	12.6
Volatiles (ppb)					
1,1,1-Trichloroethane	5	UG/L	200	20.0	86.7
1,1,2,2-Tetrachloroethane	5	UG/L	200	20.0	86.7
1,1,2-Trichloroethane	5	UG/L	200	20.0	86.7
1,1-Dichloroethane	5	UG/L	200	20.0	86.7
1,1-Dichloroethene	5	UG/L	200	3.00	55.6
1,2-Dichloroethane	5	UG/L	200	10.0	56.0
1,2-Dichloroethene (Total)	5	UG/L	41000	1.00	6592
1,2-Dichloropropane	5	UG/L	200	20.0	86.7
2-Butanone	50	UG/L	200	20.0	86.7
2-Hexanone	50	UG/L	200	20.0	86.7
4-Methyl-2-pentanone	-	UG/L	200	20.0	86.7
Acetone	50	UG/L	200	2.00	24
Benzene	1	UG/L	200	1.00	36
Bromodichloromethane	50	UG/L	200	20.0	86.7
Bromoform	50	UG/L	200	20.0	86.7
Bromomethane	5	UG/L	200	20.0	86.7
Carbon Disulfide	60	UG/L	200	1.00	38
Carbon Tetrachloride	5	UG/L	200	20.0	86.7
Chlorobenzene	5	UG/L	200	20.0	86.7
Chloroethane	5	UG/L	200	20.0	86.7
Chloroform	7	UG/L	200	2.00	65.5
Chloromethane	5	UG/L	200	20.0	86.7
cis-1,3-Dichloropropene	5	UG/L	200	20.0	86.7
Dibromochloromethane	50	UG/L	200	20.0	86.7
Ethylbenzene	5	UG/L	200	1.00	25
Methylene chloride	5	UG/L	200	20.0	86.7
Styrene	5	UG/L	200	20.0	86.7
Tetrachloroethene	5	UG/L	200	20.0	86.7
Toluene	5	UG/L	200	1.00	47
Total Xylenes	5	UG/L	200	4.00	46
trans-1,3-Dichloropropene	5	UG/L	200	20.0	86.7
Trichloroethene	5	UG/L	150000	1.00	17709
Vinyl chloride	2	UG/L	9800	2.00	1845

Table 1C
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Groundwater Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	MAX	MIN	AVERAGE
Carcinogenic PAHs (ppb)					
Benzo(a)anthracene	0.002	UG/L	1.00	0.40	0.70
Benzo(a)pyrene	-	UG/L	1.00	0.20	0.60
Benzo(b)fluoranthene	0.002	UG/L	0.80	0.40	0.60
Benzo(k)fluoranthene	0.002	UG/L	0.80	0.80	0.80
Chrysene	0.002	UG/L	1.00	0.40	0.70
Dibenzo(a,h)anthracene	-	UG/L	--	--	ND
Indeno(1,2,3-cd)pyrene	0.002	UG/L	0.60	0.60	0.60
Total cPAHs (ppb)			5.20	0.00	0.47
Total BAP-TEF (ppb)			1.32	0.00	0.11
Semi-Volatiles (ppb)					
1,2,4-Trichlorobenzene	-	UG/L	--	--	ND
1,2-Dichlorobenzene	-	UG/L	--	--	ND
1,3-Dichlorobenzene	-	UG/L	--	--	ND
1,4-Dichlorobenzene	-	UG/L	--	--	ND
2,2'-Oxybis(1-Chloropropane)	-	UG/L	--	--	ND
2,4,5-Trichlorophenol	-	UG/L	--	--	ND
2,4,6-Trichlorophenol	-	UG/L	--	--	ND
2,4-Dichlorophenol	-	UG/L	--	--	ND
2,4-Dimethylphenol	-	UG/L	--	--	ND
2,4-Dinitrophenol	-	UG/L	--	--	ND
2,4-Dinitrotoluene	-	UG/L	--	--	ND
2,6-Dinitrotoluene	-	UG/L	--	--	ND
2-Chloronaphthalene	-	UG/L	--	--	ND
2-Chlorophenol	-	UG/L	--	--	ND
2-Methylnaphthalene	-	UG/L	21.00	0.40	7.37
2-Methylphenol	-	UG/L	1.00	0.70	0.85
2-Nitroaniline	-	UG/L	--	--	ND
2-Nitrophenol	-	UG/L	--	--	ND
3,3'-Dichlorobenzidine	-	UG/L	--	--	ND
3-Nitroaniline	-	UG/L	--	--	ND
4,6-Dinitro-2-methylphenol	-	UG/L	--	--	ND
4-Bromophenyl phenyl ether	-	UG/L	--	--	ND
4-Chloro-3-methylphenol	-	UG/L	--	--	ND
4-Chloroaniline	-	UG/L	--	--	ND
4-Chlorophenyl phenyl ether	-	UG/L	--	--	ND
4-Methylphenol	-	UG/L	--	--	ND
4-Nitroaniline	-	UG/L	--	--	ND
4-Nitrophenol	-	UG/L	--	--	ND
Acenaphthene	20	UG/L	1.00	0.30	0.65
Acenaphthylene	-	UG/L	--	--	ND
Anthracene	50	UG/L	1.00	0.40	0.70
Benzo(ghi)perylene	-	UG/L	0.60	0.60	0.60
Bis(2-chloroethoxy) methane	-	UG/L	--	--	ND
Bis(2-chloroethyl) ether	-	UG/L	--	--	ND
Bis(2-ethylhexyl) phthalate	5	UG/L	6.00	0.60	1.79
Butyl benzyl phthalate	50	UG/L	10.00	0.20	4.44
Carbazole	-	UG/L	0.60	0.60	0.60
Dibenzofuran	-	UG/L	2.00	2.00	2.00
Diethyl phthalate	-	UG/L	--	--	ND
Dimethyl phthalate	-	UG/L	--	--	ND
Di-n-butyl phthalate	50	UG/L	0.90	0.30	0.53
Di-n-octyl phthalate	50	UG/L	1.00	0.30	0.59
Fluoranthene	50	UG/L	3.00	0.40	1.80
Fluorene	50	UG/L	2.00	2.00	2.00
Hexachlorobenzene	-	UG/L	--	--	ND
Hexachlorobutadiene	-	UG/L	--	--	ND
Hexachlorocyclopentadiene	-	UG/L	--	--	ND
Hexachloroethane	-	UG/L	--	--	ND
Isophorone	-	UG/L	10.0	10.0	10.0
Naphthalene	10	UG/L	3.00	0.40	1.70
Nitrobenzene	-	UG/L	--	--	ND
N-Nitroso-Di-n-propylamine	-	UG/L	--	--	ND
N-nitrosodiphenylamine	-	UG/L	--	--	ND
Pentachlorophenol	-	UG/L	24.0	24.0	24.0
Phenanthrene	50	UG/L	5.00	2.00	3.50
Phenol	1	UG/L	4.00	4.00	4.00
Pyrene	50	UG/L	3.00	0.30	1.77
Total SVOCs (ppb)			78.2	1.80	12.6
Total SVOCs + cPAHs (ppb)			83.4	1.80	10.7
Pesticides / PCBs (ppb)					
4,4'-DDD	-	UG/L	--	--	ND
4,4'-DDE	-	UG/L	--	--	ND
4,4'-DDT	-	UG/L	--	--	ND
Aldrin	-	UG/L	--	--	ND
alpha-BHC	-	UG/L	--	--	ND
alpha-Chlordane	-	UG/L	--	--	ND
Aroclor 1016	-	UG/L	--	--	ND
Aroclor 1221	-	UG/L	--	--	ND
Aroclor 1232	-	UG/L	--	--	ND
Aroclor 1242	-	UG/L	--	--	ND
Aroclor 1248	-	UG/L	--	--	ND
Aroclor 1254	-	UG/L	--	--	ND
Aroclor 1260	-	UG/L	--	--	ND
beta-BHC	-	UG/L	--	--	ND
delta-BHC	-	UG/L	--	--	ND
Dieldrin	-	UG/L	--	--	ND
Endosulfan I	-	UG/L	--	--	ND
Endosulfan II	-	UG/L	--	--	ND
Endosulfan Sulfate	-	UG/L	--	--	ND
Endrin	-	UG/L	--	--	ND
Endrin aldehyde	-	UG/L	--	--	ND
Endrin ketone	-	UG/L	--	--	ND
gamma-BHC (Lindane)	-	UG/L	--	--	ND
gamma-Chlordane	-	UG/L	--	--	ND
Heptachlor	-	UG/L	--	--	ND
Heptachlor epoxide	-	UG/L	--	--	ND
Methoxychlor	-	UG/L	--	--	ND
Toxaphene	-	UG/L	--	--	ND

NOTE: Regulatory values based on NYS Ambient Water Quality Standards (TOGS 1.1.1, June 1998)

Table 1D
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Surface Water Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	MAX	MIN	Average
TAL - Metals (ppb)					
Aluminum	100	UG/L	--	--	ND
Antimony	3	UG/L	7.40	7.40	7.40
Arsenic	25	UG/L	4.90	4.70	4.80
Barium	1,000	UG/L	133	131	132
Beryllium	1,100	UG/L	--	--	ND
Cadmium	5	UG/L	--	--	ND
Calcium	-	UG/L	66600	66000	66300
Chromium	50	UG/L	--	--	ND
Cobalt	-	UG/L	--	--	ND
Copper	200	UG/L	2.10	1.80	1.95
Cyanide	200.0	MG/L	--	--	ND
Iron	300	UG/L	395	355	375
Lead	25	UG/L	--	--	ND
Magnesium	35,000	UG/L	15700	15500	15600
Manganese	300	UG/L	81.9	81.1	81.5
Mercury	1	UG/L	--	--	ND
Nickel	100	UG/L	2.20	1.80	2.00
Potassium	-	UG/L	8620	8530	8575
Selenium	10	UG/L	4.00	4.00	4.00
Silver	50	UG/L	--	--	ND
Sodium	20,000	UG/L	59400	59400	59400
Thallium	1	UG/L	--	--	ND
Vanadium	-	UG/L	--	--	ND
Zinc	2,000	UG/L	--	--	ND
Volatiles (ppb)					
1,1,1-Trichloroethane	5	UG/L	--	--	ND
1,1,2,2-Tetrachloroethane	5	UG/L	--	--	ND
1,1,2-Trichloroethane	5	UG/L	--	--	ND
1,1-Dichloroethane	5	UG/L	--	--	ND
1,1-Dichloroethene	5	UG/L	--	--	ND
1,2-Dichloroethane	5	UG/L	--	--	ND
1,2-Dichloroethene (Total)	5	UG/L	--	--	ND
1,2-Dichloropropane	5	UG/L	--	--	ND
2-Butanone	50	UG/L	--	--	ND
2-Hexanone	50	UG/L	--	--	ND
4-Methyl-2-pentanone	-	UG/L	--	--	ND
Acetone	50	UG/L	3.00	2.00	2.67
Benzene	1	UG/L	--	--	ND
Bromodichloromethane	50	UG/L	--	--	ND
Bromoform	50	UG/L	--	--	ND
Bromomethane	5	UG/L	--	--	ND
Carbon Disulfide	60	UG/L	--	--	ND
Carbon Tetrachloride	5	UG/L	--	--	ND
Chlorobenzene	5	UG/L	--	--	ND
Chloroethane	5	UG/L	--	--	ND
Chloroform	7	UG/L	--	--	ND
Chloromethane	5	UG/L	2.00	1.00	1.67
cis-1,3-Dichloropropene	5	UG/L	--	--	ND
Dibromochloromethane	50	UG/L	--	--	ND
Ethylbenzene	5	UG/L	--	--	ND
Methylene chloride	5	UG/L	2.00	2.00	2.00
Styrene	5	UG/L	--	--	ND
Tetrachloroethene	5	UG/L	--	--	ND
Toluene	5	UG/L	3.00	2.00	2.33
Total Xylenes	5	UG/L	--	--	ND
trans-1,3-Dichloropropene	5	UG/L	--	--	ND
Trichloroethene	5	UG/L	--	--	ND
Vinyl chloride	2	UG/L	--	--	ND

Table 1D
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Surface Water Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	MAX	MIN	Average
Carcinogenic PAHs (ppb)					
Benzo(a)anthracene	0.002	UG/L	--	--	ND
Benzo(a)pyrene	0.002	UG/L	--	--	ND
Benzo(b)fluoranthene	0.002	UG/L	--	--	ND
Benzo(k)fluoranthene	0.002	UG/L	--	--	ND
Chrysene	0.002	UG/L	--	--	ND
Dibenzo(a,h)anthracene	-	UG/L	--	--	ND
Indeno(1,2,3-cd)pyrene	0.002	UG/L	--	--	ND
Total cPAHs (ppb)			--	--	ND
Total BAP-TEF (ppb)			--	--	ND
Semi-Volatiles (ppb)					
1,2,4-Trichlorobenzene	-	UG/L	--	--	ND
1,2-Dichlorobenzene	-	UG/L	--	--	ND
1,3-Dichlorobenzene	-	UG/L	--	--	ND
1,4-Dichlorobenzene	-	UG/L	--	--	ND
2,2'-Oxybis(1-Chloropropane)	-	UG/L	--	--	ND
2,4,5-Trichlorophenol	-	UG/L	--	--	ND
2,4,6-Trichlorophenol	-	UG/L	--	--	ND
2,4-Dichlorophenol	-	UG/L	--	--	ND
2,4-Dimethylphenol	-	UG/L	--	--	ND
2,4-Dinitrophenol	-	UG/L	--	--	ND
2,4-Dinitrotoluene	-	UG/L	--	--	ND
2,6-Dinitrotoluene	-	UG/L	--	--	ND
2-Chloronaphthalene	-	UG/L	--	--	ND
2-Chlorophenol	-	UG/L	--	--	ND
2-Methylnaphthalene	-	UG/L	--	--	ND
2-Methylphenol	-	UG/L	--	--	ND
2-Nitroaniline	-	UG/L	24.0	24.0	24.0
2-Nitrophenol	-	UG/L	--	--	ND
3,3'-Dichlorobenzidine	-	UG/L	--	--	ND
3-Nitroaniline	-	UG/L	24.0	24.0	24.0
4,6-Dinitro-2-methylphenol	-	UG/L	24.0	24.0	24.0
4-Bromophenyl phenyl ether	-	UG/L	--	--	ND
4-Chloro-3-methylphenol	-	UG/L	--	--	ND
4-Chloroaniline	-	UG/L	--	--	ND
4-Chlorophenyl phenyl ether	-	UG/L	--	--	ND
4-Methylphenol	-	UG/L	--	--	ND
4-Nitroaniline	-	UG/L	24.0	24.0	24.0
4-Nitrophenol	-	UG/L	24.0	24.0	24.0
Acenaphthene	20	UG/L	--	--	ND
Acenaphthylene	-	UG/L	--	--	ND
Anthracene	50	UG/L	--	--	ND
Benzo(ghi)perylene	-	UG/L	--	--	ND
Bis(2-chloroethoxy) methane	-	UG/L	--	--	ND
Bis(2-chloroethyl) ether	-	UG/L	--	--	ND
Bis(2-ethylhexyl) phthalate	5	UG/L	3.00	1.00	2.00
Butyl benzyl phthalate	50	UG/L	--	--	ND
Carbazole	-	UG/L	--	--	ND
Dibenzofuran	-	UG/L	--	--	ND
Diethyl phthalate	-	UG/L	--	--	ND
Dimethyl phthalate	-	UG/L	--	--	ND
Di-n-butyl phthalate	50	UG/L	0.50	0	0
Di-n-octyl phthalate	50	UG/L	0.60	0.60	0.60
Fluoranthene	50	UG/L	--	--	ND
Fluorene	50	UG/L	--	--	ND
Hexachlorobenzene	-	UG/L	--	--	ND
Hexachlorobutadiene	-	UG/L	--	--	ND
Hexachlorocyclopentadiene	-	UG/L	--	--	ND
Hexachloroethane	-	UG/L	--	--	ND
Isophorone	-	UG/L	--	--	ND
Naphthalene	10	UG/L	--	--	ND

Table 1D
Former Roblin Steel Site SI/RAR
Summary of Contaminant Concentrations - Initial Investigation
Surface Water Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	MAX	MIN	Average
Nitrobenzene	-	UG/L	--	--	ND
N-Nitroso-Di-n-propylamine	-	UG/L	--	--	ND
N-nitrosodiphenylamine	-	UG/L	--	--	ND
Pentachlorophenol	-	UG/L	--	--	ND
Phenanthrene	50	UG/L	--	--	ND
Phenol	1	UG/L	--	--	ND
Pyrene	50	UG/L	--	--	ND
Total SVOCs (ppb)			124	1.40	63
Total SVOCs + cPAHs (ppb)			124	1.40	63
Pesticides / PCBs (ppb)					
4,4'-DDD	-	UG/L	--	--	ND
4,4'-DDE	-	UG/L	--	--	ND
4,4'-DDT	-	UG/L	--	--	ND
Aldrin	-	UG/L	--	--	ND
alpha-BHC	-	UG/L	--	--	ND
alpha-Chlordane	-	UG/L	--	--	ND
Aroclor 1016	-	UG/L	--	--	ND
Aroclor 1221	-	UG/L	--	--	ND
Aroclor 1232	-	UG/L	--	--	ND
Aroclor 1242	-	UG/L	--	--	ND
Aroclor 1248	-	UG/L	--	--	ND
Aroclor 1254	-	UG/L	--	--	ND
Aroclor 1260	-	UG/L	--	--	ND
beta-BHC	-	UG/L	--	--	ND
delta-BHC	-	UG/L	--	--	ND
Dieldrin	-	UG/L	--	--	ND
Endosulfan I	-	UG/L	--	--	ND
Endosulfan II	-	UG/L	--	--	ND
Endosulfan Sulfate	-	UG/L	--	--	ND
Endrin	-	UG/L	--	--	ND
Endrin aldehyde	-	UG/L	--	--	ND
Endrin ketone	-	UG/L	--	--	ND
gamma-BHC (Lindane)	-	UG/L	--	--	ND
gamma-Chlordane	-	UG/L	--	--	ND
Heptachlor	-	UG/L	--	--	ND
Heptachlor epoxide	-	UG/L	--	--	ND
Methoxychlor	-	UG/L	--	--	ND
Toxaphene	-	UG/L	--	--	ND

NOTE: Regulatory values based on NYS Ambient Water Quality Standards (TOGS 1.1.1, June 1998)

Table 2A
Summary of Contaminant Concentrations - Supplemental Investigation
Metals in Surface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	Count	MAX	MIN	AVG
TAL - Metals (ppm)						
Aluminum (2)	10,800	MG/KG	13	22200	6630	13152
Antimony (2)	0.94	MG/KG	11	24	2	8
Arsenic (2)	12.70	MG/KG	13	29	6	13
Barium	300	MG/KG	13	418	109	245
Beryllium (2)	0.56	MG/KG	13	5	0	2
Cadmium	1.00	MG/KG	13	100	2	31
Calcium (2)	3,000	MG/KG	13	156000	4000	83938
Chromium (2)	29.40	MG/KG	13	1040	52	321
Cobalt	30.00	MG/KG	13	12	4	8
Copper	25.00	MG/KG	13	686	63	271
Iron (2)	26,300	MG/KG	13	266000	25700	117677
Lead (2)	188	MG/KG	13	4190	166	1403
Magnesium (2)	2,890	MG/KG	13	35200	3050	20919
Manganese (2)	430	MG/KG	13	31700	1080	9819
Mercury	0.1	MG/KG	13	2	0	1
Nickel (2)	27.30	MG/KG	13	219	27	107
Potassium (2)	1,100	MG/KG	13	2630	301	1078
Selenium	2	MG/KG	13	10	1	4
Silver (2)	0.14	MG/KG	11	13	0	4
Sodium (2)	111	MG/KG	13	10500	159	2941
Thallium (2)	1	MG/KG	0	0	0	
Vanadium (2)	150	MG/KG	13	46	12	21
Zinc (2)	274	MG/KG	13	178000	2300	47100
Leachable pH	-	S.U.	13	11	8	9
TCLP Metals (ppb)						
Arsenic - Total	5,000	UG/L	7	11	4	6
Barium - Total	100,000	UG/L	11	10600	597	3679
Cadmium - Total	1,000	UG/L	11	417	1	44
Chromium - Total	5,000	UG/L	11	241	4	40
Lead - Total	5,000	UG/L	11	1090	17	271
Mercury - Total	200	UG/L	3	0	0	0
Selenium - Total	1,000	UG/L	1	4	4	4
Silver - Total	5,000	UG/L	0	0	0	
SPLP Metals (ppb)						
Arsenic - Total	5,000	UG/L	1	3	3	3
Barium - Total	100,000	UG/L	1	396	396	396
Cadmium - Total	1,000	UG/L	1	6	6	6
Chromium - Total	5,000	UG/L	1	80	80	80
Lead - Total	5,000	UG/L	1	230	230	230
Mercury - Total	200	UG/L	0	0	0	
Selenium - Total	1,000	UG/L	1	9	9	9
Silver - Total	5,000	UG/L	1	2	2	2
pH			1	7	7	7

(1) Regulatory values based on NYSDEC TAGM #4046 and site background

Table 2B
Summary of Contaminant Concentrations - Supplemental Investigation
Metals in Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	Count	MAX	MIN	AVG
TAL - Metals (ppm)						
Aluminum (2)	10,800	MG/KG	6	25200	7110	12158
Antimony (2)	0.94	MG/KG	6	8	1	2
Arsenic (2)	12.70	MG/KG	6	36	5	13
Barium	300	MG/KG	6	244	85	140
Beryllium (2)	0.56	MG/KG	6	5	0	2
Cadmium	1.00	MG/KG	6	33	2	10
Calcium (2)	3,000	MG/KG	6	163000	3190	58788
Chromium (2)	29.40	MG/KG	6	343	26	109
Cobalt	30.00	MG/KG	6	13	3	7
Copper	25.00	MG/KG	6	271	37	92
Iron (2)	26,300	MG/KG	6	128000	19800	45717
Lead (2)	188	MG/KG	6	1200	89	429
Magnesium (2)	2,890	MG/KG	6	41700	3860	13768
Manganese (2)	430	MG/KG	6	8510	664	3264
Mercury	0.1	MG/KG	6	0	0	0
Nickel (2)	27.30	MG/KG	6	137	24	49
Potassium (2)	1,100	MG/KG	6	2050	580	1113
Selenium	2	MG/KG	5	3	1	2
Silver (2)	0.14	MG/KG	6	5	0	1
Sodium (2)	111	MG/KG	6	4160	109	1155
Thallium (2)	1	MG/KG	0	0	0	
Vanadium (2)	150	MG/KG	6	16	9	13
Zinc (2)	274	MG/KG	6	76200	1480	17263
Leachable pH	-	S.U.	6	9	7	8

Table 2C
Summary of Contaminant Concentrations - Supplemental Investigation
Organics in Surface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	Count	Max	Min	Avg
Volatiles (ppb)						
1,1,1-Trichloroethane	800	UG/KG	2	5	4	4
1,1,2,2-Tetrachloroethane	-	UG/KG	2	10600	8110	9355
1,1,2-Trichloroethane	-	UG/KG	2	11	1	6
1,1-Dichloroethane	200	UG/KG	3	500	4	171
1,1-Dichloroethene	400	UG/KG	3	326	77	235
1,2-Dichloroethane	100	UG/KG	2	0	0	0
1,2-Dichloroethene (Total) ⁽²⁾	300	UG/KG	7	3500	4	779
1,2-Dichloropropane	-	UG/KG	2	1	1	1
2-Butanone	300	UG/KG	3	11	6	9
Acetone	200	UG/KG	9	53	7	24
Benzene	60	UG/KG	1	2	2	2
Methylene chloride	100	UG/KG	4	5	4	5
Toluene	1,500	UG/KG	2	2	2	2
Trichloroethene	700	UG/KG	14	280000	2	20012
Vinyl chloride	200	UG/KG	2	1300	4	652
Total VOCs (ppb)	10,000	UG/KG	17	282400	2	16926
Carcinogenic PAHs (ppb)						
Benzo(a)anthracene	224	UG/KG	5	150000	3100	68420
Benzo(a)pyrene	61	UG/KG	11	110000	1400	25864
Benzo(b)fluoranthene	1,100	UG/KG	7	170000	2100	53871
Benzo(k)fluoranthene	1,100	UG/KG	6	48000	2000	22550
Chrysene	400	UG/KG	10	120000	1600	28900
Indeno(1,2,3-cd)pyrene	3,200	UG/KG	1	30000	30000	30000
Total cPAHs (ppb)				587000	1800	121500
Total BAP-TEF (ppb)				145820	2	31103
Semi-Volatiles (ppb)						
2-Methylnaphthalene	36,400	UG/KG	2	27000	11000	19000
Acenaphthene	50,000	UG/KG	2	54000	37000	45500
Anthracene	50,000	UG/KG	4	83000	1500	42125
Benzo(ghi)perylene	50,000	UG/KG	1	22000	22000	22000
Carbazole	-	UG/KG	2	46000	44000	45000
Dibenzofuran	6,200	UG/KG	2	42000	28000	35000
Fluoranthene	50,000	UG/KG	14	220000	1700	42029
Fluorene	50,000	UG/KG	2	57000	41000	49000
Naphthalene	13,000	UG/KG	2	72000	27000	49500
Phenanthrene	50,000	UG/KG	11	190000	1600	43473
Pyrene	50,000	UG/KG	12	190000	1700	37425
Total SVOCs (ppb)		UG/KG	15	921000	0	146147
Total SVOCs + cPAHs (ppb)		UG/KG	15	1459000	0	243347
PCBs (ppb)						
Aroclor 1260	5,000	UG/KG	1	220	220	220
Aroclor 1254	5,000	UG/KG	5	3800	23	929
Aroclor 1221	5,000	UG/KG	4	36000	150	10463
Aroclor 1232	5,000	UG/KG	1	31000	31000	31000
Aroclor 1248	5,000	UG/KG	2	4800	1900	3350
Aroclor 1016	5,000	UG/KG	2	58000	51	29026
Aroclor 1242	5,000	UG/KG	1	240	240	240
Leachable pH	NA	S.U.	5	9	8	8
Asbestos by PLM	not detected					
TCLP VOCs (ppb)						
Trichloroethene	500	UG/L	1	1400	1400	1400
Vinyl chloride	200	UG/L	1	86	86	86
TCLP Semi-Volatiles (ppb)						
2-Methylphenol	200,000	UG/L	1	87	87	87
3-Methylphenol	200,000	UG/L	1	230	230	230
4-Methylphenol	200,000	UG/L	1	230	230	230
SPLP Semi-Volatiles (ppb)	not detected					
TCLP Pesticides (ppb)						
Chlordane	30	UG/L	2	2	2	2
Methoxychlor	10,000	UG/L	2	2	2	2
Toxaphene	500	UG/L	2	4	4	4

(1) Regulatory values based on NYSDEC TAGM #4046 and site background

Table 2D
Summary of Contaminant Concentrations - Supplemental Investigation
Organics in Subsurface Soil Samples

PARAMETER	REGULATORY VALUE ⁽¹⁾	UNITS	Count	RSS-SS38-D12-S-O
Carcinogenic PAHs (ppb)				
Benzo(a)anthracene	224	UG/KG	1	3,100
Benzo(a)pyrene	61	UG/KG	1	2,500
Benzo(b)fluoranthene	1,100	UG/KG	1	2,700
Benzo(k)fluoranthene	1,100	UG/KG	1	2,000
Chrysene	400	UG/KG	1	2,700
Total cPAHs (ppb)			1	13,000
Semi-Volatiles (ppb)				
Anthracene	50,000	UG/KG	1	1,500 J
Fluoranthene	50,000	UG/KG	1	5,900
Phenanthrene	50,000	UG/KG	1	4,500
Pyrene	50,000	UG/KG	1	4,100
Total SVOCs (ppb)		UG/KG	1	16,000
Total SVOCs + cPAHs (ppb)		UG/KG	1	29,000

(1) Regulatory values based on NYSDEC TAGM #4046 and site background

Table 3
Former Roblin Steel Site SI/RAR
Chemicals of Potential Concern and Their Health Effects

PARAMETER	MEDIA			PROPERTIES			
	SURFACE SOIL	SUB SURFACE SOIL	GROUND WATER	SURFACE WATER	OSHA TWA (mg/m ³) (1)	SDWA MCL (ug/L) (2)	HEALTH EFFECTS
TEL - Metals (ppm)							
Aluminum		Y	Y		15	50 - 200	Eyes (irritation, conjunctivitis), skin (dermatoses, eczema), lungs
Antimony	Y	Y			0.5	6	Respiratory system, cardiovascular system, skin, eyes and lungs
Arsenic	Y	Y			0.01	50	Liver, kidneys, skin, lungs, lymphatic system
Barium	Y	Y			0.5	2000	Heart, lungs, central nervous system, skin, eyes
Beryllium	Y	Y			0.002	0.13	Skin, eyes, respiratory system, lungs, liver, spleen, heart
Cadmium	Y	Y			0.005	5	Respiratory system, lungs, kidneys, prostate, blood
Calcium	Y	Y	Y		--	--	Eyes, skin, respiratory system
Chromium	Y	Y			1	100	Respiratory system and lungs
Cobalt		Y	Y		0.1	0.7	Respiratory system and skin
Copper	Y	Y			0.1	1300	Respiratory system, skin, lungs, kidneys, liver
Iron	Y	Y	Y		10	300	Respiratory system and skin
Lead	Y	Y			0.05	0	Eyes, gastrointestinal tract, nervous system, kidneys, blood, gingival tissue
Magnesium	Y	Y	Y		--	--	Long-term accumulation causes upset stomach
Manganese	Y	Y	Y		1	50	Respiratory system, central nervous system, lungs, blood, kidneys
Nickel	Y	Y			1	150	Carcinogen: Nasal cavities, lungs, skin, liver, kidneys
Potassium	Y	Y			--	--	Lungs, skin
Selenium	Y	Y	Y		0.2	50	Eyes, skin, respiratory system, liver, kidneys, blood, spleen
Silver	Y	Y			0.01	100	Nasal septum, skin, eyes
Sodium	Y	Y	Y		--	10000	Lungs
Thallium	Y	Y			0.1	2	Toxic/cumulative poison - Eyes, nervous system, lungs, liver, kidneys, body hair
Zinc	Y	Y			--	5000	Skin, blood, pancreas
Volatiles (ppb)							
1,1-Dichloroethane	Y		Y		100	1	Carcinogen - Eyes, kidneys, skin, nervous system, liver, cardiovascular system
1,2-Dichloroethane	Y		Y		200	100	Carcinogen - Eyes, kidneys, skin, nervous system, liver, cardiovascular system
Benzene		Y	Y		1	5	Eyes, skin, respiratory system, blood, central nervous system, bone marrow
Ethylbenzene		Y	Y		435	700	Eyes, skin, respiratory system, central nervous system
Toluene		Y	Y		750	1000	Eyes, skin, respiratory system, central nervous system, liver, kidneys
Total Xylenes		Y	Y		540	5	Eyes, skin, respiratory system, central nervous system, heart, liver, kidneys
Trichloroethene	Y	Y	Y		540	5	Eyes, skin, respiratory system, central nervous system, heart, liver, kidneys
Vinyl chloride		Y	Y		2	2	Central nervous system, blood, respiratory system, liver, lymphatic system
Semi-Volatiles (ppb)							
Acenaphthene	Y	Y			0.1 (PAHs)	0.03 (PAH)	Carcinogen - Skin, eyes
Benzo(a)anthracene	Y	Y			0.1 (PAHs)	0.03 (PAH)	Carcinogen - Skin, eyes
Benzo(a)pyrene	Y	Y			0.1 (PAHs)	0.03 (PAH)	Carcinogen - Skin, eyes
Benzo(b)fluoranthene	Y	Y			0.1 (PAHs)	0.03 (PAH)	Carcinogen - Skin, eyes
Benzo(g,h,i)perylene	Y	Y			0.1 (PAHs)	0.03 (PAH)	Carcinogen - Skin, eyes
Benzo(k)fluoranthene	Y	Y			0.1 (PAHs)	0.03 (PAH)	Carcinogen - Skin, eyes
Bis(2-ethylhexyl) phthalate		Y	Y		5	6	Eyes, respiratory system, nervous system, liver, reproductive system, gastro
Chrysene	Y	Y			0.2 (PAHs)	0.03 (PAH)	Confirmed carcinogen - Respiratory system, skin, bladder, kidneys
Dibenzo(a,h)anthracene	Y	Y			0.2 (PAHs)	0.03 (PAH)	Carcinogen - Respiratory system, skin, bladder, kidneys
Fluoranthene	Y	Y			5 (PAHs)	0.03 (PAH)	Potent cocarcinogen
Indeno(1,2,3-cd)pyrene	Y	Y			0.2 (PAHs)	0.03 (PAH)	Carcinogen - Respiratory system, skin, bladder, kidneys
Naphthalene	Y	Y			10	143	Eyes, blood, kidneys, Liver, central nervous system
Phenanthrene	Y	Y			0.2	--	Skin
Pyrene	Y	Y			0.2 (PAHs)	0.03 (PAH)	Carcinogen - Respiratory system, skin, bladder, kidneys

NOTES: 1. Time weighted average (TWA) exposure limits are set or recommended by OSHA
2. Maximum Contaminant Levels (MCLs) are set by the Federal Safe Drinking Water Act (SDWA, 40CFR141)

**TABLE 4
FORMER ROBLIN STEEL SITE S/RAR
GUIDANCE VALUES FOR SITE CONTAMINANTS**

PARAMETER	NYSDEC SOIL CLEAN-UP GOAL ⁽¹⁾ (mg/Kg)	Pennsylvania MSCs for Contaminants in Soil ⁽⁴⁾ (mg/Kg)	RCRA Toxicity Limit ⁽²⁾ (mg/L)	LTV Site CLEANUP LIMIT ⁽³⁾ (mg/Kg)	Hanna Furnace Site CLEANUP LIMIT ⁽³⁾ (mg/Kg)
Arsenic	7.5	53	5	75	75
Barium	300	190000	100		
Cadmium	1	1400	1	15	15
Chromium	10	14000	5	1000	1000
Copper	25	190000	--	--	--
Lead	200	1000	5	1000	1000
Selenium	2	14000	1	61	50
Silver	0.1	14000	5	10	1000
Zinc	20	190000	--	--	--
VOCs Individual	Varies	Varies	Varies	1	NA
VOCs Total	--	--	--	10	10
Total cPAHs	--	--	--	10	NA
Benzo(a)anthracene	3	110	--	--	
Benzo(a)pyrene	11	11	--	--	
Benzo(b)fluoranthene	1.1	110	--	--	
Benzo(ghi)perylene	800	170000	--	--	
Benzo(k)fluoranthene	1.1	1100	--	--	
Chrysene	0.4	11000	--	--	
Dibenzo(a,h)anthracene	165,000	11	--	--	
Indeno(1,2,3-c,d)pyrene	3.2	110	--	--	

NOTES:

(1) From NYSDEC TAGM #4046

(2) From 40CFR261

(3) These are site-specific limits and require soil cover and deed restrictions as part of the final remedy

(4) Medium-specific Concentrations (MSCs) for non-residential, surface soil from Technical Guidance Manual, Pennsylvania's Land Recycling Program

Table 5
Former Roblin Steel Site SI/RAR
SOIL LEACHABILITY STUDY - INITIAL SITE INVESTIGATION

A. Seasonal Precipitation-Weighted Mean Concentrations (1990-2001)

Results	Ca	Mg	K	Na	NH ₄	NO ₃	Cl	SO ₄	pH
Maximum (mg/L)	0.27	0.037	0.093	0.565	0.52	3.5	0.52	4.14	4.09
Average (mg/L)	0.13	0.022	0.018	0.061	0.33	1.972	0.14	2.44	4.3

B. SOIL LEACHABILITY TEST (EPA Method 1312)

Results	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
Regulatory Value - Total Metals (mg/Kg)	12.7	300	1	29.4	200	0.1	2	0.14
Regulatory Value - TCLP Metals (mg/L)	5	100	1	5	5	0.2	1	5
Total Metals in soil (mg/L)	5.1	287	20.4	319	805	0.86	3.1	3.3
Metals in SPLP Extract (mg/L)	ND	ND	0.0085	0.075	0.304	0.00079	ND	ND
Percent of Total Metals in SPLP Extract	0.0%	0.0%	0.8%	0.5%	0.8%	1.8%	0.0%	0.0%

ND = non-detect

Table 6

Former Roblin Steel Site SI/RAR

SOIL LEACHABILITY STUDY - SUPPLEMENTAL SITE INVESTIGATION

PARAMETER	REGULATORY VALUE (1) Total Metals (mg/Kg)	REGULATORY VALUE (1) TCLP Metals (mg/L)	RSS-SS28-S-O						TCLP								
			TOTAL		TCLP		SPLP		(mg/L)								
			(mg/Kg)	(%of Total)	(mg/L)	(%of Total)	(mg/L)	(%of Total)	RSS-SDP01-S-O	RSS-SDP02-S-O	RSS-SDP03-S-O	RSS-SDP04-S-O	RSS-SDP05-S-O	RSS-SMP01-SLD-0	RSS-SMP06-SED-0	RSS-SS48-WD-0	RSS-SS49-WD-0
Arsenic	12.70	5.00	29	0.0%	ND	0.0%	0.003	0.0%	0.011	ND	ND	ND	0.005	ND	0.004	0.006	ND
Barium	300	100	418	0.6%	2.3	0.1%	0.396	0.1%	2.000	3.300	3.060	7.610	8.110	10.600	0.661	0.679	0.597
Cadmium	1.00	1.00	100	0.4%	0.417	0.0%	0.006	0.0%	0.008	0.015	ND	ND	0.001	0.011	0.003	0.003	0.004
Chromium	29.40	5.00	1,040	0.0%	0.075	0.0%	0.080	0.0%	0.057	0.241	ND	ND	0.010	0.004	0.020	0.007	0.072
Lead	200	5	4,190	0.0%	1.090	0.0%	0.230	0.0%	0.393	0.266	0.037	0.017	0.303	0.326	0.166	0.108	0.046
Mercury	0.1	0.2	0.9	0.0%	ND	0.0%	ND	0.0%	ND	ND	ND	ND	0.390	ND	ND	ND	ND
Selenium	2	1	10	0.0%	ND	0.0%	0.0087	0.1%	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Silver	0.14	5	12.7	0.0%	ND	0.0%	0.0022	0.0%	ND	ND	ND	ND	ND	ND	ND	ND	ND
Leachable pH (s.u.)	-	-	8.6				6.9										

NOTE: (1) Regulatory values based on NYSDEC TAGM #4046 and site background for total metals, and 40CFR261 for TCLP metals
 ND = non-detect

Roblin Steel Site S1/RAR

METALS CONCENTRATIONS AT OTHER SITES

PARAMETER	EASTERN U.S. (mg/Kg)	SITES IN DUNKIRK (mg/Kg)			
		ROBLIN SITE (RESIDENTIAL BACKYARD)	ALUMAX FACILITY ⁽¹⁾	AL TECH SPECIALTY STEEL ⁽²⁾	EDGEWOOD WAREHOUSE SITE ⁽³⁾
Arsenic	3 - 12	4 - 11.2	1.3 - 45	4.7 - 7.8	15.7 - 165
Barium	15 - 600	0.9 - 126	68.7 - 261	26 - 58	41.2 - 183
Beryllium	0 - 1.75	0.56 - 0.68	0 - 1.5	0 - 0.36	0.422 - 5.76
Cadmium	0.1 - 1	0 - 0.67	0 - 0.96	1.1 - 3.0	0.58 - 3.26
Chromium	1.5 - 40	0 - 29.4	10.3 - 155	18 - 54	11.9 - 158
Copper	1 - 50	0 - 56	33.2 - 120	14 - 76	13.9 - 583
Lead	200 - 500	0 - 188	24.6 - 299	14 - 44	16.5 - 796
Selenium	0.1 - 3.9	0 - 1.3	0.67 - 1.5	0.0	--
Silver	N/A	0 - 0.14	0.0	--	2.4 - 12.9
Zinc	9 - 50	0 - 274	28.5 - 855	49 - 100	71.8 - 1870

NOTES:

(1) From Phase II Environmental Site Assessment Report, Closed Alumax Extrusion Facility, Dunkirk, NY, June 1999

(2) From Phase I RCRA Facility Investigation Report, Al Tech Specialty Steel Corp., Dunkirk, NY, October 1998

(3) From Phase II Environmental Site Assessment Report, Edgewood Warehouse Site, Dunkirk, NY, May 1999

Table 8
Former Roblin Steel Site S/RAR
Proposed Site-Specific Cleanup Levels

PARAMETER	Regulatory Value ⁽¹⁾ (mg/Kg)	SITE-SPECIFIC SOIL CLEANUP LEVEL ⁽²⁾ (mg/Kg)	RATIONALE FOR PROPOSED CLEANUP LEVEL ⁽³⁾
TAL - Metals (mg/kg)			
Arsenic	12.7	50	Less mobile in soil, limit is less than TCLP equivalent; near background range in other similar sites; limit approved at other sites
Barium	300	1,000	Relatively immobile, limit is less than TCLP equivalent; lower toxicity than other metals (Pb, Hg, etc.); limit approved at other sites
Beryllium	0.56	5	Limit is within background range at other sites in area
Cadmium	1	20	Low mobility in soil; relatively higher toxicity; limit approved at other sites
Chromium	29	1,000	Low mobility in soil; trivalent chromium has low toxicity; limit approved at other sites
Copper	25	250	Limit is within background range at other sites in area; relatively lower toxicity
Lead	200	1,000	Limit is near background range at other sites; well below USEPA's 5,000 ppm guidance value for CRCLA sites ; limit approved at other sites
Selenium	2	50	Low mobility; limit approved at other sites; site concentrations well below limit
Silver	0.14	10	Low mobility; limit approved at other sites; site concentrations well below limit
Zinc	274	85,000	Limit is at 50% of Pennsylvania MSC for non-residential soils; significantly lower toxicity than other heavy metals; no TCLP/SPLP data available
Volatile Organics (mg/kg)			
Individual VOCs	varies	1	Limits accepted as set by NYSDOH
Total VOCs	--	10	Limits accepted as set by NYSDOH
Semi-Volatile Organics (mg/kg)			
Individual SVOCs	varies	50	Limits accepted as set by NYSDOH
Total SVOCs	--	500	Limits accepted as set by NYSDOH
Carcinogenic PAHs (mg/kg)			
Total cPAHs	varies	10	Limits set by NYSDOH
B(a)P - TEF	--	10	Propose using total Benzo(a)pyrene equivalent due to varying toxicity factors for individual cPAHs

- Note: 1. Regulatory values based on NYSDC TAGM #4046 and site background
2. Proposed cleanup goals assume a clean soil or asphalt cover; Higher limits may be allowable for subsurface soils (>1 foot depth)
3. All the proposed limits are lower than the corresponding limits for non-residential surface soils in Pennsylvania
Under Pennsylvania's Land Recycling Program, the limit is 190,000 mg/Kg for each metal in non-residential, subsurface soils

Table 9
Former Roblin Steel Site SI/RAR
Comparison of Site Concentrations to Proposed Cleanup Levels

PARAMETER	SITE-SPECIFIC CLEANUP LEVEL ⁽¹⁾ (mg/kg)	CONCENTRATIONS IN SITE SOILS ⁽²⁾			
		Average Surface Soil Concentration	Maximum Surface Soil Concentration	Average Subsurface Soil Concentration	Maximum Subsurface Soil Concentration
TAL - Metals (mg/kg)					
Arsenic	50	14.7	29	12.8	36
Barium	1,000	293	798	300	5,860
Beryllium	5	2.2	4.9	1.60	5.0
Cadmium	20	30.8	118	9.50	33.1
Chromium	1,000	328	1,040	109	630
Copper	250	225	717	92	291
Lead	1,000	1,403	5,940	429	1,200
Selenium	50	3.2	10.0	1.8	5.3
Silver	10	4.4	15.5	1.3	4.7
Zinc	85,000	47,100	178,000	17,263	76,200
Volatile Organics (mg/kg)					
Individual VOCs	1	20	280	40	200
Total VOCs	10	17	282	8.5	235
Semi-Volatile Organics (mg/kg)					
Individual SVOCs	50	49.5	340	1.18	10
Total SVOCs	500	243	1827	7.35	53.9
Carcinogenic PAHs (mg/kg)					
Total cPAHs	10	121.5	671	2.6	25
B(a)P - TEF	10	31.1	187	0.69	6.6

Note: 1. Proposed cleanup goals assume a clean soil or asphalt cover
2. Site soil concentration are the higher of two values, one from the Initial Phase and other from the Supplemental Investigation