

**INTERIM DATA SUMMARY REPORT
GUTERL SPECIALTY STEEL
CORPORATION
SITE NO. 9-32-032**

WORK ASSIGNMENT NO. D004434-4

Prepared for:

**New York State Department of Environmental Conservation
Albany, New York**

Prepared by:

**MACTEC Engineering and Consulting, P.C.
Portland, Maine**

Project Number: 3612062057

JUNE 2008

This document was prepared for the sole use of New York State Department of Environmental Conservation, the only intended beneficiary of our work. No other party shall rely on the information contained herein without prior written consent of MACTEC Engineering and Consulting, P.C.

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GLOSSARY OF ACRONYMS AND ABBREVIATIONS

11DCA	1,1-dichloroethane
111TCA	1,1,1-trichloroethane
12DCE	1,2-dichloroethene
ATI	Allegheny Technologies, Inc.
bgs	below ground surface
CAS	Columbia Analytical Services, Inc.
COC	contaminant of concern
cm/sec	centimeter(s) per second
EM	electromagnetics
FDR	Field Data Record
FS	Feasibility Study
GPR	ground Penetrating Radar
GPS	global Positioning System
LU	Lu Engineers
MACTEC	MACTEC Engineering and Consulting, P.C.
mg/kg	milligram(s) per kilogram
NYSDEC	New York State Department of Environmental Conservation
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PVC	polyvinyl chloride

GLOSSARY OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

Report	Interim Data Summary Report
RI	Remedial Investigation
Site	Guterl Specialty Steel Corporation site
SS	Surface Soil
SVOC	semivolatile organic compound
SW	surface water
TCE	trichloroethene
TCL	Toxic Compound List
TOC	total organic carbon
TP	test pit
µg/kg	microgram(s) per kilogram
µg/L	microgram(s) per liter
USACE	United States Army Corps of Engineers
Veolia ES	Veolia Environmental Services
VOC	volatile organic compound
XRF	x-ray fluorescence

1.0 INTRODUCTION

MACTEC Engineering and Consulting, P.C. (MACTEC), under contract to the New York State Department of Environmental Conservation (NYSDEC), has prepared this Interim Data Summary Report (Report) for the Guterl Specialty Steel Corporation site (Site) in Lockport, Niagara County, New York. MACTEC is under contract to the NYSDEC to conduct a Remedial Investigation/Feasibility Study (RI/FS) for the Site, a Class 2 hazardous waste site (Site No. 9-32-032) in the Registry of Hazardous Waste Sites in New York State.

The purpose of this Report is to present the results of Phase I field activities conducted at the Site in 2006 and to describe supplemental activities conducted in 2007.

The Guterl Site consists of two parcels that were once part of the former Guterl Specialty Steel Corporation. These parcels are referred to as the Landfill, located to the northwest of the overall former facility, and the Excised Area, an area of several acres and buildings where uranium and thorium milling operations had historically occurred (Figure 1.1). The Landfill and the Excised Area are the current focus of this NYSDEC RI/FS. The remainder of the former Guterl property was conveyed to Allegheny Ludlum, who first leased the property in 1984. Allegheny Ludlum, now Allegheny Technologies, Inc. (ATI), currently operates the Allvac facility, a steel milling operation on portions of this property.

The Site is also listed in the Formerly Utilized Sites Remedial Action Program and is under the current administration of the United States Army Corps of Engineers (USACE) Buffalo District. The USACE is performing a RI at the Site to address radiological contamination. Since the findings of the USACE RI will likely influence the ultimate extent of clean-up and since additional planned RI field work is currently on hold pending access to the ATI Allvac facility, MACTEC prepared this Report to capture the findings of activities performed through year-end 2007. This Report has been expanded from an initial letter report submitted to NYSDEC in May 10, 2007 (MACTEC, 2007). The expanded report has been reformatted and now includes field data records (FDRs) and description of field activities completed in 2007.

2.0 PHASE I SCOPE OF WORK

MACTEC conducted Phase I field activities based on a NYSDEC-approved RI/FS Work Plan (MACTEC, 2006). The Phase I field investigation focused on characterizing of shallow soil conditions and site-wide groundwater. The analytical program was focused on characterizing levels of inorganics in soil across the Site with approximately 20 per cent of samples analyzed for organic chemical contaminants to provide some data on residual organic contamination. The principal field activities, conducted at both the Landfill and the Excised Area in October and November 2006, included:

- soil sampling via hand excavation, backhoe test pits, and drilled soil borings;
- installation of new monitoring wells and piezometers;
- groundwater sampling of new and existing monitoring wells and piezometers;
- surface water and sediment sampling
- on-site screening analysis for gamma radiation and on-site quantitative analysis by x-ray fluorescence (XRF) of select inorganic metals;
- off-site laboratory analysis for various organic parameters and for inorganics (to confirm on-site results)

In addition to the on-Site samples, MACTEC collected a limited number of surface soil samples (15) from three off-Site areas to provide data on metals and semi-volatile organic compound (SVOCs) for comparison with Site results. These are described in Section 3.1. The principal sampling tasks completed during Phase I are summarized in the following section. FDRs are provided in Appendix A. These include; monitoring well installation diagrams (Appendix A-1), surface soil FDRs (A-2), surface water and sediment FDRs (A-3), groundwater FDRs (A-4), and field notes on test pit excavations (A-5).

2.1 GENERAL ACTIVITIES

Mobilization for Phase I of the field investigation occurred on October 3, 2006. Phase I field activities lasted approximately six weeks and concluded on November 16, 2006. Activities were completed to characterize conditions at the Landfill, the Excised Area, and to evaluate site-wide groundwater conditions.

Drilling and backhoe test-pitting services were provided by Nothnagle Drilling of Scottsville, NY. Off-site laboratory analysis was provided by Columbia Analytical Services, Inc. (CAS) of Rochester, NY. MACTEC performed on-Site radiological screening and on-Site analysis for metals by XRF. Elevation and geophysical surveys were conducted by LU Engineers (LU) of Rochester, NY.

Figures 2.1 and 2.2 show the locations of explorations at the Landfill and Excised Area, respectively. Figure 2.3 provides the locations of all groundwater explorations across the entire former Guterl Steel facility.

2.2 LANDFILL

Phase I of the RI at the Landfill was designed to provide:

- surface soil data to characterize current conditions across the Landfill and determine the presence of contaminants of concern (COCs) at levels above industrial cleanup criteria;
- subsurface data and visual observations to assess the nature of the fill;
- groundwater data to evaluate potential impacts to groundwater from Landfilled materials and to determine the direction of flow; and
- surface water and sediment data from wetlands bordering the Landfill to evaluate impact and transport of contaminants.

The scope performed included:

1. 31 surface soil samples (SS-068 to SS-081; SS-093 to SS-104) collected along a rough 100 foot grid pattern established across the Landfill;
2. 11 test pits (TP-001 to TP-011) with subsurface soil samples that were completed across the Landfill to examine the nature and thickness of the fill and to provide subsurface soil samples;
3. five bedrock monitoring wells (MW-13 to MW-17) and one overburden well (MW-13S), completed across the Landfill to establish the direction of groundwater flow and to characterize groundwater conditions and including five subsurface soil samples;
4. two temporary wells (piezometers) set in test pits (MW-TP4 and MW-TP-9) to provide samples; and
5. four surface water and sediment samples from wetlands around the edge of the Landfill to assess potential impacts to surrounding land.

2.3 EXCISED AREA

Phase 1 of the RI at the Excised Area focused on providing:

- visual survey to develop information on the location of potential source areas (e.g. storage tanks, transformers, waste materials, utilities, etc) and Site hazards;
- surface soil samples at a high density across the entire Excised Area to characterize inorganic levels in shallow soils and develop an understanding of variability of concentrations and the location of metals at levels above industrial clean up criteria with a subset of samples providing data on other potential organic COCs;
- soil samples biased at the locations of electrical transformers to evaluate the presence of polychlorinated biphenyl (PCBs);
- subsurface explorations and soil samples to determine the thickness and nature of the overburden across the Excised Area;
- groundwater data from existing and new monitoring wells to evaluate groundwater flow direction and quality and determine which COCs are present at levels above applicable groundwater criteria; and
- surface water and sediment data from various trenches, sumps, or other areas where standing water collects to evaluate potential impact to underlying groundwater.

The scope performed included:

1. 125 surface soil sample locations (SS-001 to SS-067; SS-082 to SS-092; SS-156);
2. nine test pits (TP-12 to TP-020) with subsurface soil samples that were completed across the Landfill to examine the nature and thickness of the fill and to provide subsurface soil samples;
3. 16 bedrock monitoring wells (MW-06 to MW-12; MW-018 to MW-026) completed across the Excised Area and at selected locations between the Landfill and the Excised Area to establish the direction of groundwater flow and to characterize groundwater conditions;
4. six water and six sediment samples from flooded pits and utility trenches within the buildings;
5. Off-site soil samples from 15 locations (SS-B01 through SS-B15) to provide data to compare to on-site results; and
6. Groundwater samples from all new and existing wells (30 locations).

2.4 SITE-WIDE GROUNDWATER

To evaluate groundwater conditions across the site, MACTEC installed a total of 22 monitoring wells (Figure 2.3) plus two temporary piezometers set within test pits. Initial drilling indicated the overall thickness of the overburden was generally five feet across the Excised Area and that water was likely present only at the surface of the bedrock and/or during significant precipitation events. The Site conceptual model is that the upper bedrock zone is fractured and likely acts as the principal shallow flow zone. Therefore most monitoring wells were installed within the upper 15 to 20 feet of bedrock. At one location within the Landfill, sufficient saturated overburden was encountered to allow the completion of an overburden well (MW-13S) and corresponding paired shallow bedrock well (MW-13D)

Wells were installed using air-hammer drilling methods followed by the installation of 2-inch Schedule 40 polyvinyl chloride (PVC) wellscreen and riser. Most wells were installed with aboveground completions using 4-inch protective casing and locking covers. Wells MW-24, MW-25 and MW-26 were installed with flush-to-the-ground protective roadboxes at the request of Allegheny ATI-Allvac.

MACTEC conducted one round of groundwater sampling using low flow techniques. The sampling was accomplished on November 13 through November 15, 2006. Table 2.1 presents water elevation data from the Site wells. An interpretive map of piezometric isocontours within the shallow bedrock is presented as Figure 2.4. The plot confirms earlier studies that indicated that there is a flow divide near the eastern boundary of the Landfill. Groundwater beneath much of the Landfill appears directed southwesterly towards a large bedrock quarry. Groundwater along the eastern edge of the Landfill and beneath the Allegheny property and Excised Area is interpreted to flow southeast towards the Erie Canal.

MACTEC conducted hydraulic conductivity testing of five monitoring wells at the Excised Area on November 16, 2006. Falling head slug tests were performed using a five-foot long and one-inch diameter solid PVC rod to displace water within each well. Prior to introduction of the slug, pressure transducers were installed near the bottom of each well. Head data was recorded using a Hermit-3000 data logger. Data was analyzed using the software program Aqtesolve by the method of Bouwer and Rice (1976). Semi-logarithmic plots of the data and the plotted test solutions are provided in Appendix B. The data yielded the following calculated hydraulic conductivities:

MW-06:	0.0013 centimeters per second (cm/sec)
MW-07:	0.0019 cm/sec

MW-08:	0.00057 cm/sec
MW-12:	0.00082 cm/sec
MW-23:	0.0033 cm/sec

These results are consistent in that they vary less than one order of magnitude and they appear to indicate that shallow bedrock can transmit groundwater laterally.

2.5 ANALYTICAL PROGRAM SUMMARY

MACTEC analyzed soil and sediment samples collected during the RI for metals by XRF using an on-site mobile laboratory. A total of over 200 soil samples were analyzed by XRF.

A total of 63 soil and sediment samples were analyzed by CAS for metals by Method ILM05.3 to provide data to compare against and confirm the on-site XRF results. Off-site analysis also included Toxic Compound List (TCL) volatile organic compounds (VOCs), TCL SVOCs, and PCBs/pesticides at a rate of 20%. Most of the soil samples for off-site analysis were collected as unbiased split samples as sampling progressed. Some were collected from biased locations (e.g. PCB analyses were run on soil samples collected near transformers) to determine the magnitude of impact at potential source areas.

Data was validated in accordance with NYSDEC requirements and full data results and data usability information will be provided in the RI Report.

MACTEC compared the on-site XRF data population with the off-site laboratory metals results. In general, there appears to be good agreement between the on-site and off-site results with the exception of mercury. The off-site laboratory reported mercury in soils at concentrations less than 1.6 milligrams per kilogram (mg/kg) and with an average concentration of 0.21 mg/kg. On-site XRF reported mercury at concentration two to three orders of magnitude higher. The XRF mercury results may reflect inter-element interference by nickel. Preliminary data evaluation suggests that the elevated mercury results coincide with nickel, which is present at higher concentrations within the samples (typically 10,000 to 100,000 mg/kg). For this reason MACTEC is not reporting the XRF mercury results. MACTEC will present additional evaluation of the on-site and off-site results in the RI Report.

Due to the presence of known radiological impacts at the Guterl Site a limited radiological safety program was implemented during field work. Sample and well installation locations were surveyed with portable instruments to determine if elevated radiation levels were present prior to investigation activities. All samples collected were screened for radioactivity by on-site gamma spectroscopy. Personnel, tools and equipment were surveyed for residual radioactivity prior to leaving the site. No significantly elevated radiation levels were identified in any areas accessed as part of this investigation and no residual radioactivity was detected on any personnel, tools or equipment. Several samples did have elevated levels of uranium when analyzed by the on-site gamma spectroscopy system. The locations of these samples included TP-005, SS-010, SS-062, SS-147 and SS-148. These samples were not sent to the off-site analytical laboratory, however they were provided to the NYSDEC Bureau of Radiation for additional analyses.

2.6 2007 GEOPHYSICAL SURVEY

MACTEC completed a geophysical survey to provide data to assist in evaluating the transport and fate of impacted groundwater beneath the Excised Area. The 2006 field investigation confirmed a groundwater gradient from the Excised Area towards the Erie Canal to the southeast. Various chlorinated VOCs were reported in samples from monitoring within or bordering the Excised Area, however wells along the east and southeast (downgradient) border exhibited markedly less impact (see Section 3.4 below for discussion of groundwater results). MACTEC found that there was insufficient information to determine the transport pathway and offsite fate of the solvent plume found beneath the Excised Area. The former steel mill drew process water from the Erie Canal and MACTEC hypothesized that the pipe run would likely include a bedrock trench extending towards the canal and that this trench might be a preferential flowpath for shallow groundwater flow.

LU of Rochester, NY, under contract to MACTEC, performed a Geophysical Survey on September 12th and September 13th, 2007. The objective of the survey was to attempt to locate the former industrial water lines and determine if they were installed within a bedrock trench.

The Survey included ground penetrating radar (GPR) and electromagnetics (EM). The GPR unit used at this site was a 400 MHz Mala Geoscience, Inc. Easy Locator, equipped with a digital graphic interface and logging system. The EM instrument was a Geonics, Inc. EM-61 magnetometer, which also contained

a digital memory system for data storage and downloading. Survey grids were located using a Trimble Geo XT (sub-meter) Global Positioning System (GPS) unit.

GPR was not conclusive in identifying the presence of a bedrock trench or the locations of the pipes. EM, however identified a former municipal water line and the location of a former industrial water supply and/or return line. Figures showing the EM survey grids and results are included in Appendix C. Figure 1 indicates the approximate buried pipe alignments, the location of the EM grids, selected GPR Line locations and GPS shots on building corners or other fixed features. The other figures provide details on the EM grids. Also provided are representative GPR profiles provided by LU.

According to LU, the fine-grained, moist soils at the Site were not ideal for the use of GPR and the maximum penetration attained was approximately two feet below ground surface (bgs). This would not be deep enough to identify the buried piping or bedrock features. Also according to LU, EM Grid 1 appears transected by a pair of linear anomalies that are consistent with the inferred location of water lines identified on available mapping. The supply line(s) appear to cross Ohio Street near the south side of Building 42. The interpreted water supply line does not appear on the west side of Ohio Street in Grid 5, as is consistent with record mapping.

In addition to the areas surveyed on either side of Ohio Street, two small areas were surveyed onsite to evaluate buried utilities at possible Phase II drilling locations. These did not indicate any buried linear features.

MACTEC will use the results from the geophysical survey in considering where to locate additional monitoring wells, if needed

2.7 2007 REMOVAL OF HISTORICAL CHEMICALS

In November 2007, MACTEC oversaw the removal of various aged laboratory-grade chemicals that were discovered at the Excised Area. While conducting RI field activities in August 2007, the USACE discovered containers of chemicals in an apparent former laboratory setting near the northwest corner of Building 2. The chemicals are presumed to date from the time of active mill operations. At the NYSDEC's request, MACTEC solicited bids for the removal and disposal of the chemicals. Veolia

Environmental Services (Veolia ES) of Tonawanda, NY, under contract, to MACTEC, conducted the removal on November 08, 2007.

Veolia ES removed the containers of liquid and solid chemicals to a staging area at the northern end of Building 2 where they performed field fingerprint analysis to characterize the chemicals and determine packaging, shipping, and disposal requirements. Veolia removed 24 glass containers containing solids or liquids. The laboratory also contained approximately 8 plastic carboys with small amounts of liquid in each. After determining that the contents were hydrochloric acid, Veolia ES consolidated the residual acid into a single carboy for disposal.

The removal of the chemicals and the field testing were performed using Level B personal protective equipment. USACE and their subcontractor, Earth Tech, provided radiological testing on the containers and screened Site personnel to insure that no material exhibiting elevated radioactivity were removed from the Site. Some of the containers had intact labels and could be identified (and confirmed by field analysis). Others had no intact labeling and were classified solely by the field testing.

The waste was segregated and overpacked in appropriate UN Specification shipping containers. Veolia manifested the waste to two separate disposal facilities. The bulk of the waste was shipped to Veolia's Suaget, Illinois facility for incineration. One drum, containing waste arsenic trioxide, was shipped STABLEX CANADA, for disposal. The following shipping names were used to manifest the various chemical wastes:

- Waste Arsenic Trioxide
- Waste Ammonia Persulfate
- Oxidizing Solid
- Waste Sodium Cyanide, Solid
- Toxic Solid, Inorganic
- Waste Corrosive Liquid (Hydrochloric Acid)
- Corrosive Liquid (Acidic)
- Corrosive Liquid (Basic)

Copies of the completed Uniform Waste Manifests showing the transporters and receiving facilities are provided in Appendix D. Also included are Veolia's field characterization forms. The wastes were received at both facilities on November 16, 2007.

3.0 DATA RESULTS

For this Report, final data is presented in tables by media (e.g. soil, sediment, groundwater, etc) and by chemical class (e.g., VOCs, SVOCs, XRF-metals, Laboratory metals, PCBs/Pesticides, etc) in the following tables:

- Table 3.1 XRF Field Metals Results
- Table 3.2 Soil VOC Results
- Table 3.3 Soil SVOC Results
- Table 3.4 Soil Metals Results
- Table 3.5 Soil Pesticide/PCB Results
- Table 3.6 Sediment VOC/SVOC Results
- Table 3.7 Sediment Metals/ total organic carbon (TOC) Results
- Table 3.8 Sediment Pesticide/PCB Results
- Table 3.9 Surfacewater VOC/SVOC Results
- Table 3.10 SW Metals/Hardness Results
- Table 3.11 Groundwater VOC Results
- Table 3.12 Groundwater SVOC Results
- Table 3.13 Groundwater Metals Results
- Table 3.14 Wipe Samples and Other Media Results

For each table, a detected analyte is set in bold type. A result that exceeds a specific clean-up criterion is also shaded. Soil results are compared to Part 375 Cleanup Criteria for Industrial Use (NYS, 1998). MACTEC has assumed that the parcels will be restricted to future industrial use. Water data is compared to water quality standards and guidance values as compiled in the Division of Water Technical and Operations Guidance Series (TOGS 1.1.1) (NYSDEC, 2004). The data may be compared to other future use scenarios in the FS.

MACTEC has conducted a preliminary review of analytical data results and has identified general findings relative to each chemical class and area of the Site. This report provides a summary description of these findings and does not intend to present a comprehensive review of all detected analytes. Additional descriptive detail will be provided in the RI Report.

3.1 OFF-SITE SAMPLES

MACTEC collected a total of 15 off-site soil samples from three separate areas (5 samples each) to provide local data on general background levels of metals and SVOCs. Locations are shown on Figure 3.1. SS-B01 through SS-B05 were collected from a wooded area between Ohio Street and the Erie Canal (across Ohio Street to the southeast of the site). SS-B06 through SS-B10 were collected outside the Excised Area fence along the grassy strip the borders Ohio Street. SS-B11 through SS-B15 were collected to the west of the Landfill along the southern (discontinued) extension of Richfield Street. Off-site samples were analyzed by CAS for metals and SVOCs and by XRF metals by the on-site field laboratory. Laboratory results are presented in Table 3.3 (SVOCs) and Table 3.4 (Metals). Table 3.1 provides the XRF metals results.

Both the XRF and laboratory data results identified arsenic and manganese in various off-site samples at concentrations above the corresponding Part 375 industrial criteria. Arsenic was reported by the laboratory at concentrations up to 25.5 mg/kg, versus the Part 375 industrial criteria of 16 mg/kg. Manganese was reported at concentrations up to 14,800 mg/kg versus the Part 37 industrial criterion of 11,000 mg/kg.

All of the off-site soil samples contained one or more SVOCs, typically polycyclic aromatic hydrocarbons (PAHs), at low to moderate concentrations that might be considered typical of an industrial area. Three samples reported the PAH benzo(a)pyrene at concentrations slightly in excess of the Part 375 Criteria for industrial use of 1100 mg/kg.

3.2 EXCISED AREA

The Excised Area contains nine abandoned and deteriorating buildings. MACTEC collected surficial samples from unpaved floors within Buildings 2, 3, and 4 and from exterior areas surrounding the buildings. No samples were collected from the Building 1, 5, 6, 8, 9, or Building 35. Building 1 has a steel plate floor at grade and a lower basement that is flooded with surface water/groundwater. Building 5 housed electrical generators and has a concrete floor, remnant equipment and crumbling brick walls. Buildings 6 and 8 were the area of principal uranium milling operations and are subject to radiological controls due to elevated radiological activity. Building 35 has a concrete floor.

Most of the buildings within the Excised Area were constructed by 1920. Unpaved floors are characterized by very dense accumulations of mill wastes mixed with sand and gravel. The mill wastes include metallic fines, rusted decaying metal flakes (often including recent rusty flaky debris from decaying overhead roofing and structural metal), foundry debris such as slag-like sand and gravel sized particles, ash and clinker type debris. There is lateral and vertical variation in the appearance and types of the packed floor substrate. The exterior area between and to the north of Building 2 and 3 is largely paved. Samples were collected beneath the pavement from test pits or during the drilling of monitoring wells. The eastern portion of the Excised Area is unpaved and includes a former rail spur that runs beneath a gantry and crane. Sampling in this area of the site included a north-south transect along the former rail bed and samples near the boundary fence along the north, east, and southwest borders of the Excised Area

Analytical results indicate an overall pattern of elevated metals (i.e., concentrations above the Part 375 Industrial Use Criteria), as would be expected based on the Site history and the appearance and character of the shallow substrate which often contained visible metal fragments, rust, and mill waste. Metals that were reported with the highest frequency of detections above the corresponding Part 375 Industrial Use Criteria are chromium, nickel, and manganese. The XRF results for these metals are plotted on Figures 3.2 through 3.4, respectively. While the plots indicate some areas with higher concentrations than others, the distribution pattern supports a conceptual finding of widespread elevated levels of metals across the Excised Area. Arsenic was also reported frequently at concentrations above the Part 375 Industrial Use Criteria of 16 mg/kg. However, arsenic was also reported in the off-site soil samples at similar concentrations and further review is needed to assess the Site contribution of arsenic. Like all of the metals analyzed, arsenic is naturally occurring and can be present above guidance criteria from natural geological sources.

VOCs and SVOCs were analyzed in a total of 29 soil samples and 5 sediment samples within the excised Area. These locations are shown on Figure 3.5. In general, the samples were collected from un-biased (random) locations at a frequency of 20% of the overall soil sample locations. A few samples however were collected as biased samples due to observed odors or visual impacts. These included samples from BS-011 and TP-014 and TP-018 where odors were noted. Various VOCs were reported at very low concentrations (i.e. all VOC results are several orders of magnitude below the Part 375 Industrial Use Criteria). The highest result was 17 micrograms per kilogram ($\mu\text{g}/\text{kg}$) of tetrachloroethene at SS-106 in

Building 4. VOCs were analyzed in five sediment samples collected from flooded utility trenches or pits with the buildings. Results were comparable to the soil VOC results with sporadic detections of chlorinated compounds at levels below 25 µg/kg. These VOC and SVOC results do not appear to indicate the presence of a residual soil source that would cause widespread impact to groundwater. Concentrations detected are below the Part 375 Unrestricted Use Criteria which is protective of groundwater (see groundwater discussion in Section 3.4 below).

SVOCs were analyzed in the same subset of soil samples as VOCs. Only the soil sample collected at TO-018 from 1 feet bgs, contained SVOCs at levels above a corresponding Part 375 Industrial Use Criteria. Various PAHs were reported at levels that were predominantly below 1 mg/kg.

PCBs and pesticides were also analyzed in the same subset of soil and sediment samples as the other organic analyses. Additionally, PCB analysis was performed on samples collected at the locations of outdoor transformers. Figure 3.6 illustrates levels of PCBs in samples from the Excised Area. PCBs were reported in five soil samples and three utility pit sediment samples at levels above 1 mg/kg. The highest result (22 mg/kg in SS-153) is from a soil sample near a transformer bank that is located to the west of Building 5. No result exceeds the Part 375 Industrial Criteria of 25 mg/kg. PCB results for soil and sediment Wipe samples from the sides of the three transformers that are located there also detected PCBs (see Table 3.14). Pesticides were reported in only a few samples at very low concentrations and do not appear to be COCs for this RI.

3.3 LANDFILL

The Landfill was active from 1962 to approximately 1982. Principal wastes disposed at the Landfill reportedly included wood, miscellaneous rubbish, slag, baghouse flue dust, and other solid fill and metal debris. In 1981 or 1982, Guterl Specialty Steel reportedly salvaged approximately 2 million pounds of metal slag from the Landfill for recycling. The Landfill was then re-graded and does not appear to have been used since. The Landfill has an irregular surface with sparse weedy vegetation, some brushy cover and poplar trees and occasional protruding bricks, wood, and metal debris.

MACTEC collected surface soil samples using a rough grid pattern and investigated the vertical character of the Landfill through backhoe test pits and drilled monitoring well borings. The test pits replaced the planned geoprobe soil borings since field conditions revealed that the geoprobe would have difficulty

penetrating the coarse debris fill. The excavations confirmed the nature of the fill, although no material that appeared to be baghouse dust was observed.

Similar to the Excised Area, metals that were reported with the highest frequency of detections above the corresponding Part 375 Industrial Use Criteria are chromium, nickel, and manganese. The XRF results for these metals are plotted on Figures 3.7 through 3.9, respectively. The distribution of elevated metals appears to be generally consistent across the Landfill.

VOCs were analyzed in subsurface soils collected from five borings and from several test pits at the Landfill. The locations of all samples analyzed are shown on Figure 3.10. A few VOCs were reported at very low concentrations. The highest results were at TP-04, where fuel odors were noted when excavating the test pit. The sample from 4 feet bgs contained low concentrations of benzene, toluene, ethylbenzene and xylenes. All VOC results are several orders of magnitude below the Part 375 Industrial Use Criteria. SVOCs were analyzed in the same subset of soil samples as VOCs. No SVOC was reported above a corresponding Part 375 Industrial Use Criteria. Various PAHs were reported at levels that were predominantly below 1 mg/kg.

PCBs and pesticides were also analyzed in the same subset of soil and sediment samples as the other organic analyses. PCBs were detected at low concentrations in six of the soil samples from the Landfill (Figure 3.11). The results are all less than 1 mg/kg and below the Part 375 Industrial Use Criteria of 25 mg/kg. Pesticides were not identified in the Landfill samples and do not appear to be COCs for this RI.

Surface water and sediment samples were collected from wetlands surrounding the Landfill to the south and west. Organic COCs were reported in only one of five surface water samples collected at the Landfill. SW-002, collected from surface water adjacent to the southern limit of fill contained low levels acetone (7J micrograms per liter [$\mu\text{g/L}$]), styrene (0.4 $\mu\text{g/L}$) and 4-methylphenol (8J $\mu\text{g/L}$). SVOCs were not reported at concentrations of concern in the sediment samples.

3.4 GROUNDWATER

Groundwater samples were collected from all existing and newly installed monitoring wells and piezometers shown on Figure 2.3 with two exceptions, MW-TP9 and MW-LF-4. MW-TP9 is a PVC piezometer installed in test pit TP-009 in an attempt to provide an overburden sampling point in the

northern portion of the Landfill. Groundwater was not present in MW-TP9 at the time of sampling. MW-LF4 is an historic shallow overburden well located along the eastern side of the Landfill that was also dry at the time of sampling.

Groundwater samples were analyzed by CAS for metals, VOCs and SVOCs.

The results reveal impact by chlorinated solvent VOCs and related degradation compounds. The following figures illustrate the distribution of chlorinated VOC impact at the Site:

- Figure 3.12 Trichloroethene (TCE) in Groundwater
- Figure 3.13 Cis-1,2-Dichloroethene (12DCE) in Groundwater
- Figure 3.14 Vinyl Chloride in Groundwater
- Figure 3.15 1,1,1-Trichloroethane (111TCA) in Groundwater
- Figure 3.16 1,1-Dichloroethane (11DCA) in Groundwater

The figures indicate little or no impact to groundwater from chlorinated VOCs (i.e., concentrations are below NYS Criteria) in wells installed at and around the Landfill and reveal elevated VOCs in many wells at the Excised Area. Chlorinated COC concentrations are generally highest in the wells installed along the western side of the Excised Area (e.g. MW-23, MW-MW4, MW-25 and MW-26). TCE and 111TCA may be considered the source chemical products while the other chlorinated compounds likely reflect post-release biodegradation. Many reported concentrations exceed groundwater criteria of 5 µg/L for TCE, 111TCA, 12DCE, 11DCA and 2 µg/L for vinyl chloride. A total of twelve different chlorinated VOCs were reported in one or more wells at levels above appropriate criteria.

The SVOCs phenol, 2,4-dimethylphenol and 4-methylphenol were reported at MW-TP4 at the Landfill with phenol (97 µg/L) reported above the groundwater criteria of 1 µg/L. However, this criteria is promulgated for protection from aesthetic considerations and is not a drinking water standard. SVOCs do not appear to be a significant issue in other monitoring wells.

Various metals were reported in groundwater above criteria. The distribution of metals in groundwater is illustrated in the following figures:

- Figure 3.17 Chromium in Groundwater

- Figure 3.18 Nickel in Groundwater
- Figure 3.19 Manganese in Groundwater
- Figure 3.20 Zinc in Groundwater
- Figure 3.21 Thallium in Groundwater

4.0 DATA GAPS AND PHASE II RECOMMENDATIONS

The 2006 RI provided samples from across the Landfill and the Excised Area that allow a general understanding of the level of organic and inorganic impact to shallow media at the Site. The scope of the RI to date does not provide sufficient data density to fully characterize the extent of impact. However, given the ongoing RI/FS that is being conducted by the USACE to delineate radiological impacts and determine the extent of areas that will require federal clean-up, NYSDEC has indicated that further characterization focus on data that is important for the purposes of remediation decision-making.

Characterization of Nature and Extent of Metals in Soil

Soil data indicated elevated concentrations of metals in surficial soils across the entire Site.

At the Excised Area, although some buildings were not sampled due to the presence of concrete floors or radiological controls, MACTEC believes there is sufficient data to evaluate remediation alternatives. The long history of industrial metalwork has altered surface conditions across this entire parcel. The uppermost soils within and around the structures are often dense debris fill or native overburden soil mixed with decaying (rusting) metal fines, wastes, or in some cases raw material such as foundry sand. The aged and decaying mill structures are contributing rust and fines to the surface. The 2006 RI sampled predominantly surficial soils and therefore did not fully delineate metal concentrations with depth. However, the fact that bedrock is generally within a few feet of the current ground surface, provides a boundary for evaluation of alternatives that could include soil excavation. Some additional deeper soil sampling may be necessary to focus costs for excavation alternatives.

At the Landfill, metals concentrations were generally lower than in the Excised Area surficial soils. This is consistent with observed conditions that indicate there was more mixing of residual landfilled waste and debris with soil (possibly due to the earlier mining and removal of recoverable metal at the landfill).

Based on this preliminary review of the 2006 data, MACTEC has not identified any immediate data gaps with respect to characterization sampling for metals at the Landfill or Excised Area.

Characterization of Nature and Extent of Organic Compounds in Soil

The 2006 RI did not reveal large residual organic solvent sources at the Excised Area or at the Landfill.

At the Excised Area, low levels of solvents were reported in a few locations and odors such as aged fuels or oily sheen were observed in a couple of test pits. Several machine foundations contain visual evidence of residual oil. While the sampling results do not provide evidence of widespread impact to soil or a leaching source to groundwater, sampling to date has not fully characterized levels of organic compounds in soils. Since metal impacts are elevated across the Site and residual organic contaminants, where present, would be comingled with elevated levels of metals, further characterization may not be warranted at this time until the findings of the USACE RI/FS are released.

At the Landfill, fuel odors were identified in a test pit and low levels of phenolic organics were reported in samples from the same pit. It is likely that landfilled materials include residual organic compounds; however there does not appear to be a widespread residual organic source based on the sporadic low concentrations of organics reported in groundwater. The thin and coarse nature of the overburden and surficial fill or waste combined with the fact that the Site has been inactive for approximately 25 years suggest that any historic larger organic releases have leached or degraded such that only low residual concentrations remain in the overburden. Further characterization sampling to investigate residual organics in the landfill material does not therefore appear to be warranted at this time.

Characterization of the Nature and Extent of Impact to Groundwater

Groundwater sampling confirms earlier studies that a flow divide exists near the eastern boundary of the Landfill. Groundwater beneath much of the Landfill appears directed southwesterly towards a large bedrock quarry. Groundwater along the eastern edge of the Landfill and beneath the Allegheny property and Excised Area is interpreted to flow southeast towards the Erie Canal. At the Landfill groundwater results do not appear to identify migrating impact by residual organic contaminants since results from monitoring wells around the Landfill are below criteria for VOCs and SVOCs. As mentioned above, some chlorinated compounds and phenols were observed in Landfill groundwater explorations but they are below applicable drinking water criteria.

Groundwater results from the wells within and surrounding the Excised Area suggest that the majority of observed VOC impacts may be entering the Excised Area from an uncharacterized upgradient source. The highest VOC impacts are reported in four wells along the west (upgradient) side of the Excised Area. Additionally, the types and comparative concentrations of chlorinated VOCs these wells (MW-23, MW-25, MW-26 and MW-4) and in wells downgradient from these within the Excised Area, suggests to MACTEC that significant natural degradation may be occurring. However, there is not sufficient data to identify the upgradient source or determine the relative contribution from that source versus impact from sources on the Excised Area footprint.

Data Gaps

Based on this interim review of the data from the Fall 2006 RI field tasks, data gaps related to understanding the source and fate of groundwater impact remain. These include:

1. Characterization sampling on the Allegheny property to identify the possible origin of the elevated VOCs found in groundwater beneath the Excised Area
2. Investigation of the groundwater impact downgradient from the Excised Area to confirm the presence of a complete degradation pathway. Additional groundwater characterization is needed to the southeast of Ohio Street to assess the fate of the on-Site groundwater plume. Characterization should include deeper bedrock characterization and sampling to evaluate whether migrating impacted groundwater is descending prior to discharge into the canal.
3. Additional groundwater analysis to provide data to evaluate biodegradation and natural attenuation

MACTEC does not see the need at this time for the originally scoped canal water and sediment sampling since there a possible complete biodegradation pathway prior to discharge into the canal. Should additional downgradient groundwater characterization identify a plume that is migrating off-site, then the canal sampling may be warranted.

The RI concentrated on shallow soil sampling to identify levels of contamination at the surface that would be accessible to casual Site users. The RI collected some subsurface data for vertical characterization (generally from some monitoring well borings and from the test pits) but there is not a full subsurface data set to map vertical changes in impact from metals. However, the thin overburden (generally 3 to 5 feet thick) and presence of shallow groundwater limits FS data gaps with respect to vertical extent of impact and also limits cost implications of deeper excavation, if required. Therefore NYSDEC might consider

whether additional vertical characterization is required. The options for vertical characterization are largely limited to areas exterior to the buildings since the decaying buildings likely present some hazard to workers disturbing the groundwater via excavation or drilling.

Another potential data gap is the distribution of PCBs in soil across the Excised Area. The RI sampling identified levels of PCBs above one mg/kg but below the industrial criteria of 25 mg/kg but sampling was sporadic and was focused to the immediate area around several remnant transformers. NYSDEC might consider additional lateral sampling for PCBs if a potential cleanup level of one mg/kg was considered possible.

This document presents interim findings based on initial review of the RI data. As the RI process moves forward, further review of the data during the RI report stage may identify new insights and/or data gaps with respect to the nature and extent of contamination at the Guterl Steel Site.

5.0 REFERENCES

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New York State Department of Environmental Conservation (NYSDEC), 2004; Division of Water, Technical and Operational Guidance Series (TOGs) 1.1.1 “*Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*”; June 1998, Addendum 2004.

New York State (NYS), 1998. *New York Codes, Rules, and Regulations, Title 6, Part 375 – Inactive Hazardous Waste Disposal Sites Remedial Program*. Amended January 1998.

TABLES

Table 2.1: Groundwater Elevations in Site Monitoring Wells

Location ID	Formation	Ground Elevation	Casing Elevation	PVC Rim Elevation	11/13/2006 (ft below PVC)	11/14/2006 (ft below PVC)	11/15/2006 (ft below PVC)	11/16/2006 (ft below PVC)	Groundwater Elevation
MW-1	Bedrock	598.3	600.55	600.05		5.37			594.68
MW-2	Bedrock	597.63	599.98	599.51			8.22	8.00	591.51
MW-3	Bedrock	597.93	600.17	599.76			4.26		595.50
MW-4	Bedrock	597.8	600.08	599.62		4.17		3.58	596.04
MW-5	Bedrock	597.36	599.64	599.16			4.66	4.29	594.87
MW-06	Bedrock	597.55	600.73	600.65			5.38	5.03	595.62
MW-07	Bedrock	598.31	601.53	601.61			6.04	5.64	595.97
MW-08	Bedrock	598.44	601.59	601.66			8.11	7.87	593.79
MW-09	Bedrock	596.56	599.79	599.82			8.52		591.30
MW-10	Bedrock	599.09	601.97	602.02				6.13	595.89
MW-11	Bedrock	596.46	600.61	600.41			8.87		591.54
MW-12	Bedrock	597.44	600.91	600.5			5.44	4.76	595.74
MW-13D	Bedrock	600.02	603.25	603.36		4.35		4.07	599.29
MW-13S	Overburden	600.18	603.32	603.34		3.90		3.91	599.43
MW-14	Bedrock	598.75	602.09	602.14		4.40		4.32	597.82
MW-15	Bedrock	604.33	607.89	608.01	7.86			7.57	600.44
MW-16	Bedrock	601.19	604.25	604.15	5.71			5.53	598.62
MW-17	Bedrock	603.69	606.72	606.82	4.22			3.54	603.28
MW-18	Bedrock	599.61	602.45	602.5		4.52		4.12	598.38
MW-19	Bedrock	598.48	601.73	601.58		5.34		4.61	596.97
MW-20	Bedrock	600.61	603.64	603.82		7.38		6.57	597.25
MW-21	Bedrock	605.41	608.33	608.42		9.20		8.45	599.97
MW-22	Bedrock	598.18	601.51	601.48			5.62	5.18	596.30
MW-23	Bedrock	597.64	600.71	600.58			4.59	4.05	596.53
MW-24	Bedrock	flush	597.24	596.96			3.14	2.79	594.17
MW-25	Bedrock	flush	597.28	596.27		1.48		1.02	595.25
MW-26	Bedrock	flush	596.99	596.67		2.01		1.71	594.96
MW-TP04	Overburden	601.82	no casing	603.06		3.79		3.51	599.55
MW-TP09	Overburden	606.72	no casing	609.97				DRY	DRY
MW-LF01	Overburden	599.26	no casing	602.33		4.36			597.97
MW-LF02	Overburden	603.5	no casing	605.19		3.57			601.62
MW-LF04	Overburden	604.52	no casing	606.17				DRY	DRY

Notes: 1 - Elevations shown are from 11/16/06 measurements if available.

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	BS-007 10/16/2006 GSBS0600703 FS		BS-008 10/16/2006 GSBS0600803 FS		BS-009 10/17/2006 GSBS0600903 FS		BS-010 10/17/2006 GSBS0601004 FS		BS-011 10/17/2006 GSBS0601103 FS		BS-014 10/18/2006 GSBS0601403 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	22		10	U	10	U	10	U	10	U
Barium	10000	4,200	J	50	U	670	J	490	J	620	J	1,400	
Chromium	6800	7,600		20	U	20	U	520		160		1,000	
Cobalt	NA	10,000		200	U	200	U	200	U	200	U	200	U
Copper	10000	730		20	U	71		140		88		200	
Iron	NA	290,000		54,000		28,000		45,000		30,000		40,000	
Lead	3900	300		61		47		46		39		120	U
Manganese	10000	650		4100		1100		820		800		4900	
Mercury	5.7	52		10	U	10	U	100		26		56	
Nickel	10000	4,600		20	U	200		1,200		350		1,000	
Selenium	6800	10	U	10	U	10	U	14		10	U	11	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	550		20	U	20	U	170		29		200	
Zinc	10000	220		1300		310		510		400		420	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	BS-015 10/18/2006 GSBS0601506 FS		BS-016 10/18/2006 GSBS0601604 FS		BS-017 10/18/2006 GSBS0601703 FS		SD-001 10/18/2006 GSSD0600100 FS		SD-002 10/18/2006 GSSD0600200 FS		SD-003 10/18/2006 GSSD0600300 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	3,100		50	U	50	U	6,600		50	U	710	
Chromium	6800	13,000		340		20	U	6,300		20	U	210	
Cobalt	NA	2,800		200	U	200	U	1,800		350		200	U
Copper	10000	2563		36		20	U	2000		43		180	
Iron	NA	160,000		230,000		17,000		770,000		31,000		29,000	
Lead	3900	680		35		21		430		72		44	
Manganese	10000	7900		1100		850		3500		680		620	
Mercury	5.7	540		10	U	10	U	250		10	U	20	
Nickel	10000	13,000		340		20	U	11,000		170		490	
Selenium	6800	86		10	U	10	U	39		10	U	10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	1400		29		20	U	1100		51		77	
Zinc	10000	1100		250		210		770		390		250	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SD-004 10/19/2006 GSSD0600400 FS		SD-006 10/24/2006 GSSD0600600 FS		SD-007 10/24/2006 GSSD0600700 FS		SD-009 10/24/2006 GSSD0600900 FS		SD-012 10/25/2006 GSSD0601200 FS		SD-014 10/25/2006 GSSD0601400 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	88		10	U	400	U	10	U
Barium	10000	50	U	1,900	J	7,200	J	50	U	2,600	J	3,400	J
Chromium	6800	20	U	15,000		28,000		10,000		7,500		25,000	
Cobalt	NA	200	U	200	U	200	U	9,900		200	U	4,000	
Copper	10000	33		3000		7300		4700		4700		3200	
Iron	NA	33,000		200,000		150,000		450,000		230,000		340,000	
Lead	3900	56		1200		510		1800		10000		2200	
Manganese	10000	450		16000		15000		4600		3200		3600	
Mercury	5.7	10	U	610		2000		1200		550		980	
Nickel	10000	20	U	35,000		49,000		13,000		9,600		19,000	
Selenium	6800	10	U	81		310		110		61		88	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	51		1600		2500		1800		1200		870	
Zinc	10000	430		3300		2300		960		5200		1800	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-001 10/9/2006 GSSS0600100 FS		SS-002 10/9/2006 GSSS0600200 FS		SS-003 10/9/2006 GSSS0600300 FS		SS-004 10/9/2006 GSSS0600400 FS		SS-005 10/9/2006 GSSS0600500 FS		SS-006 10/9/2006 GSSS0600600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	50	U	50	U	1,100	J	1,500	J	6,400	J	2,100	J
Chromium	6800	4,400		7,800		8,500		9,200		18,000		34,000	
Cobalt	NA	200	U	200	U	200	U	200	U	200	U	200	U
Copper	10000	14000		36000		7300		6000		16000		6400	
Iron	NA	68,000		93,000		97,000		91,000		190,000		180,000	
Lead	3900	280		280		230		240		460		930	
Manganese	10000	84000		180000		32000		26000		81000		25000	
Mercury	5.7	100		270		350		250		870		590	
Nickel	10000	25,000		49,000		22,000		22,000		54,000		20	U
Selenium	6800	10	U	25		48		35		150		89	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	670		1100		1100		960		4000		2100	
Zinc	10000	380		10	U	390		400		560		780	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-007 10/9/2006 GSSS0600700 FS		SS-008 10/9/2006 GSSS0600800 FS		SS-009 10/9/2006 GSSS0600900 FS		SS-010 10/9/2006 GSSS0601000 FS		SS-011 10/9/2006 GSSS0601100 FS		SS-012 10/9/2006 GSSS0601200 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	470		10	U	10	U
Barium	10000	50	U	3,200	J	2,400	J	1,900	J	50	U	3,200	J
Chromium	6800	16,000		17,000		7,300		9,100		20	U	49,000	
Cobalt	NA	200	U	200	U	6,500		20,000		200	U	3,700	
Copper	10000	7900		14000		2600		8300		20	U	6900	
Iron	NA	210,000		150,000		180,000		150,000		490		150,000	
Lead	3900	1000		260		1400		1400		10	U	470	
Manganese	10000	30000		69000		7800		18000		50	U	23000	
Mercury	5.7	560		310		790		3100		10	U	870	
Nickel	10000	76,000		49,000		22,000		59,000		36		150,000	
Selenium	6800	66		26		99		800		10	U	94	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	1600		2000		910		1100		20	U	4500	
Zinc	10000	290		430		2100		4100		10	U	800	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-013 10/9/2006 GSSS0601300 FS		SS-014 10/9/2006 GSSS0601400 FS		SS-015 10/10/2006 GSSS0601500 FS		SS-016 10/10/2006 GSSS0601600 FS		SS-016 10/20/2006 GSSS0611600 FS		SS-017 10/10/2006 GSSS0601700 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	64		10	U
Barium	10000	2,400	J	3,100	J	2,400	J	4,800	J	1,100	J	5,500	J
Chromium	6800	16,000		16,000		12,000		27,000		240		33,000	
Cobalt	NA	4,300		3,700		3,200		7,500		1,400		10,000	
Copper	10000	4300		9100		2900		8200		250		5600	
Iron	NA	160,000		160,000		180,000		230,000		110,000		260,000	
Lead	3900	530		540		920		960		150		750	
Manganese	10000	24000		39000		9400		32000		500		20000	
Mercury	5.7	570		560		270		850		44		1100	
Nickel	10000	47,000		57,000		43,000		67,000		520		62,000	
Selenium	6800	110		70		36		110		10	U	130	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	2000		2100		1100		3300		41		3600	
Zinc	10000	460		430		270		520		270		930	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-018 10/10/2006 GSSS0601800 FS		SS-019 10/10/2006 GSSS0601900 FS		SS-020 10/10/2006 GSSS0602000XD FD		SS-020 10/10/2006 GSSS0602000 FS		SS-021 10/10/2006 GSSS0602100 FS		SS-021 10/20/2006 GSSS0612100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	42		10	U	110		10	U	10	U	10	U
Barium	10000	1,000	J	2,200	J	1,700	J	2,000	J	6,200	J	50	U
Chromium	6800	4,200		19,000		14,000		12,000		16,000		7,300	
Cobalt	NA	1,600		2,500		3,300		2,400		5,200		200	U
Copper	10000	1100		2000		2500		2300		2400		2200	
Iron	NA	62,000		120,000		170,000		160,000		220,000		510,000	
Lead	3900	200		380		880		830		450		1000	
Manganese	10000	4800		9900		1500		14000		11000		4000	
Mercury	5.7	150		350		500		460		860		710	
Nickel	10000	20	U	26,000		36,000		34,000		38,000		25,000	
Selenium	6800	23		63		92		79		130		94	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	430		960		1100		980		3000		1600	
Zinc	10000	350		640		800		820		560		770	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-022 10/10/2006 GSSS0602200 FS		SS-023 10/10/2006 GSSS0602300 FS		SS-024 10/10/2006 GSSS0602400 FS		SS-025 10/10/2006 GSSS0602500 FS		SS-026 10/10/2006 GSSS0602600 FS		SS-026 10/20/2006 GSSS0612600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
		Antimony	NA	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	140	
Barium	10000	50	U	50	U	50	U	50	U	840	J	7,200	J
Chromium	6800	2,200		4,700		3,800		2,300		2,200		55,000	
Cobalt	NA	1,000		2,200		2,000		1,700		740		14,000	
Copper	10000	400		1100		900		320		510		3100	
Iron	NA	84,000		16,000		100,000		81,000		51,000		320,000	
Lead	3900	290		420		370		460		840		10	U
Manganese	10000	2100		3900		3900		2300		2500		4700	
Mercury	5.7	140		240		180		220		87		7900	
Nickel	10000	5,800		11,000		8,200		8,400		5,200		110,000	
Selenium	6800	16		37		25		37		10	U	1300	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	210		350		380		450		240		8200	
Zinc	10000	470		310		310		430		1200		3900	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-027 10/10/2006 GSSS0602700 FS		SS-028 10/10/2006 GSSS0602800 FS		SS-029 10/10/2006 GSSS0602900 FS		SS-030 10/10/2006 GSSS0603000 FS		SS-031 10/10/2006 GSSS0603100 FS		SS-032 10/10/2006 GSSS0603200 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	110		10	U	10	U	53		10	U	10	U
Barium	10000	50	U	50	U	50	U	50	U	1,300	J	810	J
Chromium	6800	2,900		4,200		2,700		2,800		4,900		1,500	
Cobalt	NA	10,000		12,000		2,700		4,000		2,600		1,100	
Copper	10000	960		1100		890		820		930		260	
Iron	NA	140,000		210,000		170,000		120,000		88,000		76,000	
Lead	3900	590		490		490		420		150		47	
Manganese	10000	2100		3200		3400		3100		3200		980	
Mercury	5.7	610		500		150		170		230		60	
Nickel	10000	8,800		12,000		5,500		6,000		10,000		3,500	
Selenium	6800	81		65		18		28		27		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	120		280		180		290		560		200	
Zinc	10000	1700		1200		660		640		300		97	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-033 10/10/2006 GSSS0603300 FS		SS-034 10/10/2006 GSSS0603400 FS		SS-035 10/10/2006 GSSS0603500 FS		SS-035 10/10/2006 GSSS0603600 FS		SS-037 10/10/2006 GSSS0603700 FS		SS-037 10/10/2006 GSSS0603700XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	32	
Barium	10000	1,000	J	50	U	750	J	2,700	J	8,300	J	2,200	J
Chromium	6800	4,100		420		3,500		20	U	22,000		7,600	
Cobalt	NA	1,100		200	U	940		34,000		58,000		2,200	
Copper	10000	730		72		350		4500		4500		1300	
Iron	NA	50,000		14,000		60,000		160,000		230,000		110,000	
Lead	3900	240		86		110		380		310		110	
Manganese	10000	4500		920		2300		9600		14000		5800	
Mercury	5.7	190		37		150		700		1500		360	
Nickel	10000	11,000		960		6,400		42,000		89,000		17,000	
Selenium	6800	23		10	U	22		61		92		56	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	560		60		320		1400		2600		870	
Zinc	10000	450		270		200		1100		3100		410	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-038 10/10/2006 GSSS0603800 FS		SS-039 10/10/2006 GSSS0603900 FS		SS-040 10/10/2006 GSSS0604000XD FD		SS-040 10/10/2006 GSSS0604000 FS		SS-041 10/10/2006 GSSS0604100 FS		SS-042 10/10/2006 GSSS0604200 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	7,100	J	5,100	J	4,600	J	4,300	J	7,300	J	2,200	J
Chromium	6800	35,000		30,000		36,000		33,000		66,000		9,200	
Cobalt	NA	3,700		200	U	200	U	200	U	8,600		5,300	
Copper	10000	7800		8500		7300		8000		6200		2000	
Iron	NA	300,000		300,000		280,000		270,000		300,000		190,000	
Lead	3900	340		410		380		490		360		400	
Manganese	10000	28000		46000		30000		30000		2400		5600	
Mercury	5.7	1100		1000		890		840		1000		810	
Nickel	10000	110,000		95,000		100,000		90,000		24,000		18,000	
Selenium	6800	190		110		110		110		140		100	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	4000		3300		3800		3500		5900		1400	
Zinc	10000	780		860		1100		1200		400		550	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-043 10/10/2006 GSSS0604300 FS		SS-044 10/11/2006 GSSS0604400 FS		SS-045 10/11/2006 GSSS0604500 FS		SS-046 10/11/2006 GSSS0604600 FS		SS-047 10/11/2006 GSSS0604700 FS		SS-048 10/11/2006 GSSS0604800 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	160		10	U	10	U	10	U
Barium	10000	790	J	3,900	J	50	U	50	U	4,100	J	3,300	J
Chromium	6800	4,700		28,000		11,000		28,000		51,000		15,000	
Cobalt	NA	950		200	U	200	U	200	U	200	U	3,200	
Copper	10000	570		5900		1500		3600		2700		2000	
Iron	NA	72,000		410,000		340,000		530,000		230,000		280,000	
Lead	3900	54		650		850		930		1700		1100	
Manganese	10000	3100		19000		4400		8600		38000		9100	
Mercury	5.7	230		1300		1100		2600		610		580	
Nickel	10000	7,200		52,000		20,000		48,000		95,000		48,000	
Selenium	6800	36		230		190		380		90		98	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	610		2300		830		1700		4500		1600	
Zinc	10000	230		1200		960		1300		3000		1400	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-049 10/11/2006 GSSS0604900 FS		SS-050 10/11/2006 GSSS0605000 FS		SS-051 10/11/2006 GSSS0605100 FS		SS-052 10/11/2006 GSSS0605200 FS		SS-053 10/11/2006 GSSS0605300 FS		SS-054 10/11/2006 GSSS0605400 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	150	U
Barium	10000	50	U	7,000	J	8,000	J	5,200	J	5,200	J	50	U
Chromium	6800	46,000		41,000		37,000		36,000		28,000		1,300	
Cobalt	NA	200	U	8,200		6,400		200	U	200	U	1,600	
Copper	10000	1400		3400		5500		2900		5300		490	
Iron	NA	150,000		420,000		340,000		450,000		440,000		95,000	
Lead	3900	2600		840		1100		1400		1700		110	
Manganese	10000	38000		14000		17000		12000		23000		3600	
Mercury	5.7	430		970		1300		1100		1300		100	
Nickel	10000	110,000		81,000		97,000		46,000		42,000		5,400	
Selenium	6800	58		150		210		130		180		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	1200		3600		5000		2000		1400		260	
Zinc	10000	3400		1400		1500		2100		1100		220	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-055 10/11/2006 GSSS0605500 FS		SS-056 10/11/2006 GSSS0605600 FS		SS-057 10/11/2006 GSSS0605700 FS		SS-058 10/11/2006 GSSS0605800 FS		SS-059 10/11/2006 GSSS0605900 FS		SS-060 10/11/2006 GSSS0606001XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U			150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	50	U	1,800	J	50	U	2,500	J	10,000	J	50	U
Chromium	6800	9,000		7,700		3,400		6,800		13,000		20	U
Cobalt	NA	8,700		1,700		1,300		1,800		200	U	200	U
Copper	10000	2100		1600		740		1300		1300		35	
Iron	NA	430,000		170,000		140,000		170,000		560,000		20,000	
Lead	3900	1300		820		470		650		1000		10	U
Manganese	10000	4000		4400		2800		3600		6600		1900	
Mercury	5.7	1100		340		180		310		1300		10	U
Nickel	10000	25,000		13,000		6,100		9,600		8,300		78	
Selenium	6800	170		53		30		46		110		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	970		1100		280		750		1000		20	U
Zinc	10000	1200		2300		1100		1400		530		38	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-060 10/11/2006 GSSS0606001 FS		SS-061 10/11/2006 GSSS0606100 FS		SS-062 10/11/2006 GSSS0606200 FS		SS-063 10/12/2006 GSSS0606300 FS		SS-064 10/12/2006 GSSS0606400 FS		SS-065 10/12/2006 GSSS0606500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	770	J	50	U	50	U	1,500	J	2,000	J	1,300	J
Chromium	6800	20	U	53,000		3,700		5,500		6,400		2,500	
Cobalt	NA	200	U	7,200		200	U	1,300		2,300		200	U
Copper	10000	56		4000		790		1600		2400		1200	
Iron	NA	24,000		360,000		240,000		64,000		50,000		43,000	
Lead	3900	18		2700		470		450		460		360	
Manganese	10000	2100		7700		2500		7000		4300		3100	
Mercury	5.7	10	U	310		130		250		230		84	
Nickel	10000	100		92,000		11,000		7,700		11,000		2,700	
Selenium	6800	10	U	10	U	10	U	25		31		20	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	21		930		180		560		820		270	
Zinc	10000	50		780		370		710		580		560	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-066 10/12/2006 GSSS0606600 FS		SS-067 10/12/2006 GSSS0606700 FS		SS-068 10/12/2006 GSSS0606800 FS		SS-069 10/12/2006 GSSS0606900 FS		SS-070 10/12/2006 GSSS0607000 FS		SS-071 10/12/2006 GSSS0607100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	880	J	1,300	J	1,500	J	1,100	J	1,300	J	2,000	J
Chromium	6800	1,900		2,100		3,900		1,400		2,400		3,700	
Cobalt	NA	970		200	U	14,000		610		390		840	
Copper	10000	980		550		1800		490		1100		990	
Iron	NA	80,000		26,000		42,000		29,000		27,000		35,000	
Lead	3900	240		130		360		220		300		300	
Manganese	10000	2900		2900		3600		2800		2700		3600	
Mercury	5.7	89		82		130		42		73		140	
Nickel	10000	3,300		1,900		3,700		1,500		2,000		3,800	
Selenium	6800	11		18		37		12		12		16	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	190		160		310		150		150		340	
Zinc	10000	420		380		440		700		440		490	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-072 10/12/2006 GSSS0607200 FS		SS-073 10/12/2006 GSSS0607300 FS		SS-074 10/12/2006 GSSS0607400 FS		SS-075 10/12/2006 GSSS0607500 FS		SS-076 10/12/2006 GSSS0607600 FS		SS-077 10/12/2006 GSSS0607700 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	2,500	J	1,300	J	3,200	J	1,400	J	1,800	J	810	J
Chromium	6800	3,800		3,400		13,000		2,000		4,100		470	
Cobalt	NA	910		1,400		3,300		200	U	670		400	
Copper	10000	890		1500		1200		480		770		130	
Iron	NA	32,000		70,000		56,000		26,000		40,000		28,000	
Lead	3900	190		290		330		200		260		64	
Manganese	10000	5000		4300		4600		2400		3800		1700	
Mercury	5.7	160		180		180		68		140		35	
Nickel	10000	4,300		4,600		20,000		1,700		4,200		290	
Selenium	6800	28		33		36		19		23		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	420		420		1400		160		340		35	
Zinc	10000	410		520		750		460		540		760	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-078 10/12/2006 GSSS0607800 FS		SS-079 10/12/2006 GSSS0607900 FS		SS-080 10/12/2006 GSSS0608000 FS		SS-080 10/12/2006 GSSS0608000XD FD		SS-081 10/12/2006 GSSS0608100 FS		SS-082 10/16/2006 GSSS0608200 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	40		10	U
Barium	10000	2,300	J	3,000	J	17,000	J	1,700	J	2,300	J	1,900	J
Chromium	6800	9,000		8,500		4,400		5,800		4,800		11,000	
Cobalt	NA	2,100		2,200		1,100		1,500		1,200		4,300	
Copper	10000	1500		1900		1400		1500		920		1800	
Iron	NA	54,000		67,000		42,000		46,000		44,000		200,000	
Lead	3900	380		610		400		480		240		240	
Manganese	10000	7600		7200		5400		5100		3900		6200	
Mercury	5.7	260		250		140		180		140		630	
Nickel	10000	15,000		13,000		6,700		8,400		4,600		18,000	
Selenium	6800	46		30		23		37		20		99	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	1400		1100		580		750		370		1200	
Zinc	10000	990		830		660		700		680		510	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Results in BOLD exceed associated criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-083 10/16/2006 GSSS0608300 FS		SS-084 10/16/2006 GSSS0608400 FS		SS-085 10/16/2006 GSSS0608500 FS		SS-086 10/16/2006 GSSS0608600 FS		SS-087 10/17/2006 GSSS0608700 FS		SS-087 10/17/2006 GSSS0608701 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	8,500	J	2,700	J	1,800	J	50	U	50	U	50	U
Chromium	6800	23,000		14,000		10,000		7,300		5,100		500	
Cobalt	NA	12,000		4,300		2,900		200	U	200	U	200	U
Copper	10000	3000		1700		1700		1200		910		93	
Iron	NA	310,000		220,000		180,000		110,000		140,000		28,000	
Lead	3900	190		220		220		160		420		45	
Manganese	10000	8900		7300		7100		6100		4500		1300	
Mercury	5.7	3200		730		500		430		440		23	
Nickel	10000	29,000		23,000		17,000		13,000		9,800		850	
Selenium	6800	510		120		84		72		73		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	2300		1300		1100		840		650		50	
Zinc	10000	1700		770		480		450		2900		200	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-088 10/17/2006 GSSS0608800 FS		SS-089 10/17/2006 GSSS0608900 FS	
		Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	2400	
Arsenic	16	10	U	10	U
Barium	10000	2,300	J	2,100	J
Chromium	6800	3,700		17,000	
Cobalt	NA	200	U	200	U
Copper	10000	700		4700	
Iron	NA	150,000		140,000	
Lead	3900	350		16000	
Manganese	10000	5700		18000	
Mercury	5.7	260		340	
Nickel	10000	5,700		71,000	
Selenium	6800	32		10	U
Silver	6800	50	U	50	U
Thallium	NA	210		1400	
Zinc	10000	550		2300	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Results in BOLD exceed associated criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-090 10/17/2006 GSSS0609000 FS		SS-091 10/17/2006 GSSS0609100 FS		SS-092 10/17/2006 GSSS0609200 FS		SS-093 10/17/2006 GSSS0609300 FS		SS-094 10/17/2006 GSSS0609400 FS		SS-095 10/17/2006 GSSS0609500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	73		10	U	10	U	10	U
Barium	10000	3,400	J	50	U	1,400	J	730	J	1,300	J	830	J
Chromium	6800	18,000		4,000		5,500		1,100		2,700		680	
Cobalt	NA	200	U	2,400		200	U	460		560		200	U
Copper	10000	3400		770		1700		480		530		230	
Iron	NA	240,000		170,000		110,000		37,000		40,000		30,000	
Lead	3900	950		350		370		210		150		120	
Manganese	10000	17000		4100		20000		2600		2400		1800	
Mercury	5.7	910		470		660		50		99		23	
Nickel	10000	49,000		8,200		7,300		1,200		3,500		840	
Selenium	6800	130		54		100		10	U	18		11	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	2400		280		650		110		350		100	
Zinc	10000	1300		730		1100		520		480		400	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-096 10/17/2006 GSSS0609600 FS		SS-097 10/17/2006 GSSS0609700 FS		SS-098 10/17/2006 GSSS0609800 FS		SS-099 10/17/2006 GSSS0609900 FS		SS-100 10/17/2006 GSSS06010000 FS		SS-100 10/17/2006 GSSS06010000XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	3,000	J	2,500	J	2,200	J	6,900	J	4,000	J	4,100	J
Chromium	6800	7,300		6,400		5,400		22,000		9,200		8,500	
Cobalt	NA	1,800		2,200		1,600		12,000		2,300		1,800	
Copper	10000	1800		1400		4300		5000		3300		3600	
Iron	NA	54,000		60,000		51,000		160,000		66,000		62,000	
Lead	3900	480		740		590		1900		750		700	
Manganese	10000	5800		3900		4200		9900		6300		6400	
Mercury	5.7	200		190		170		830		260		280	
Nickel	10000	8,800		7,300		6,500		40,000		10,000		9,400	
Selenium	6800	28		37		27		120		43		43	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	780		610		540		2200		910		930	
Zinc	10000	690		880		570		2300		650		780	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-101 10/17/2006 GSSS0610100 FS		SS-102 10/17/2006 GSSS0610200 FS		SS-103 10/17/2006 GSSS0610300 FS		SS-104 10/17/2006 GSSS0610400 FS		SS-105 10/19/2006 GSSS0610500 FS		SS-105 10/19/2006 GSSS0610501 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	2,300	J	1,200	J	8,600	J	1,500	J	50	U	600	J
Chromium	6800	5,200		2,000		1,800		3,500		740		20	U
Cobalt	NA	1,700		1,600		2,200		720		200	U	200	U
Copper	10000	2300		780		4300		1100		790		47	
Iron	NA	60,000		48,000		99,000		39,000		150,000		25,000	
Lead	3900	410		270		700		650		360		47	
Manganese	10000	6400		2600		12000		3800		1400		950	
Mercury	5.7	230		130		460		130		150		10	U
Nickel	10000	7,100		5,000		29,000		2,800		18,000		2,000	
Selenium	6800	37		27		81		21		31		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	850		370		2100		330		120		20	U
Zinc	10000	580		520		940		670		710		190	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-106 10/19/2006 GSSS0610600 FS		SS-107 10/19/2006 GSSS0610700 FS		SS-108 10/19/2006 GSSS0610800 FS		SS-109 10/19/2006 GSSS0610900 FS		SS-110 10/19/2006 GSSS0611000 FS		SS-111 10/19/2006 GSSS0611100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	780	J	50	U	50	U	50	U	50	U	2,200	J
Chromium	6800	820		20	U	20	U	400		1,400		19,000	
Cobalt	NA	200	U	200	U	200	U	200	U	3,700		5,100	
Copper	10000	330		280		20	U	59		740		2400	
Iron	NA	74,000		100,000		10,000		21,000		270,000		190,000	
Lead	3900	180		230		21		80		450		850	
Manganese	10000	1100		690		220		300		2800		5100	
Mercury	5.7	45		34		10	U	20		84		340	
Nickel	10000	680		150		20	U	20	U	2,400		170	
Selenium	6800	10	U	10	U	10	U	10	U	10	U	33	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	120		20	U	20	U	59		20	U	710	
Zinc	10000	600		350		280		110		1000		550	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-112 10/20/2006 GSSS0611200 FS		SS-113 10/20/2006 GSSS0611300 FS		SS-114 10/20/2006 GSSS0611400 FS		SS-115 10/20/2006 GSSS0611500 FS		SS-117 10/20/2006 GSSS0611700 FS		SS-118 10/20/2006 GSSS0611800 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	53		10	U	10	U	10	U
Barium	10000	50	U	50	U	1,200		50	U	50	U	50	U
Chromium	6800	2,300		2,000		4,000		5,000		2,900		8,800	
Cobalt	NA	1,700		200	U	1,200		200	U	3,200		200	U
Copper	10000	570		900		760		1600		1500		2100	
Iron	NA	140,000		460,000		90,000		500,000		240,000		360,000	
Lead	3900	320		2700		460		1600		500		810	
Manganese	10000	1900		2700		1600		2800		1500		4000	
Mercury	5.7	150		230		130		430		250		540	
Nickel	10000	3,100		4,100		4,400		11,000		5,200		12,000	
Selenium	6800	20		10	U	15		10	U	19		75	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	200		120		360		440		370		1200	
Zinc	10000	1300		1000		810		610		570		1300	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-119 10/20/2006 GSSS0611900 FS		SS-120 10/20/2006 GSSS0612000 FS		SS-120 10/20/2006 GSSS0612000XD FD		SS-122 10/20/2006 GSSS0612200 FS		SS-123 10/20/2006 GSSS0612300 FS		SS-124 10/20/2006 GSSS0612400 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	50	U	50	U	50	U	2,300	J	50	U	50	U
Chromium	6800	3,500		2,600		2,500		15,000		19,000		2,900	
Cobalt	NA	4,600		200	U	200	U	200	U	200	U	2,200	
Copper	10000	1100		1600		1600		3400		3300		1500	
Iron	NA	330,000		410,000		470,000		270,000		700,000		200,000	
Lead	3900	630		2400		2300		750		1400		530	
Manganese	10000	2200		3200		3000		14000		7400		6200	
Mercury	5.7	330		270		210		650		1200		250	
Nickel	10000	8,300		8,900		9,200		47,000		15,000		8,900	
Selenium	6800	10	U	10	U	10	U	71		210		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	270		63		61		1900		2500		300	
Zinc	10000	1000		750		890		1500		790		1700	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-125 10/20/2006 GSSS0612500 FS		SS-127 10/20/2006 GSSS0612700 FS		SS-128 10/20/2006 GSSS0612800 FS		SS-129 10/20/2006 GSSS0612900 FS		SS-130 10/20/2006 GSSS0613000 FS		SS-131 10/24/2006 GSSS0613100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	540		10	U	74	U
Barium	10000	4,200	J	820	J	50	U	50	U	3,200	J	50	U
Chromium	6800	34,000		7,900		18,000		11,000		45,000		4,000	
Cobalt	NA	7,200		200	U	200	U	3,000		200	U	2,900	
Copper	10000	4700		370		480		2100		1200		1700	
Iron	NA	320,000		76,000		63,000		270,000		120,000		150,000	
Lead	3900	860		39		710		2000		2400		470	
Manganese	10000	13000		2600		8800		7300		35000		16000	
Mercury	5.7	1200		76		160		1000		360		190	
Nickel	10000	96,000		14,000		30,000		28,000		98,000		8,800	
Selenium	6800	150		10	U	88		160		64		30	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	3600		310		8500		1600		1800		290	
Zinc	10000	1400		130		1100		1300		3800		1300	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-132 10/24/2006 GSSS0613200 FS		SS-133 10/24/2006 GSSS0613300 FS		SS-134 10/24/2006 GSSS0613400 FS		SS-135 10/24/2006 GSSS0613500 FS		SS-136 10/24/2006 GSSS0613600 FS		SS-137 10/24/2006 GSSS0613700 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	80		86		84		10	U	10	U
Barium	10000	50	U	50	U	50	U	50	U	1,300	J	50	U
Chromium	6800	4,100		6,500		5,600		6,100		1,200		3,200	
Cobalt	NA	1,800		3,000		4,400		2,400		910		1,100	
Copper	10000	1100		1400		1500		1800		430		480	
Iron	NA	150,000		170,000		130,000		160,000		82,000		91,000	
Lead	3900	750		730		680		900		150		420	
Manganese	10000	7500		7800		11000		16000		2500		4900	
Mercury	5.7	340		670		370		490		90		190	
Nickel	10000	6,100		11,000		11,000		14,000		2,600		5,000	
Selenium	6800	32		110		44		52		14		27	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	210		630		400		470		180		250	
Zinc	10000	1900		1600		3100		1800		310		810	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-138 10/24/2006 GSSS0613800 FS		SS-139 10/24/2006 GSSS0613900 FS		SS-140 10/24/2006 GSSS0614000XD FD		SS-140 10/24/2006 GSSS0614000 FS		SS-141 10/24/2006 GSSS0614100 FS		SS-142 10/24/2006 GSSS0614200 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	47		82		10	U	10	U	10	U	10	U
Barium	10000	1,200	J	1,000	J	1,600	J	1,200	J	1,800	J	1,600	J
Chromium	6800	2,200		3,100		7,500		9,200		28,000		6,900	
Cobalt	NA	1,100		1,100		1,800		1,700		3,800		2,500	
Copper	10000	360		700		2100		1800		4500		2000	
Iron	NA	52,000		73,000		110,000		120,000		230,000		110,000	
Lead	3900	410		950		660		740		2100		910	
Manganese	10000	3200		5800		8800		8400		18000		11000	
Mercury	5.7	210		230		260		350		980		320	
Nickel	10000	4,900		5,900		24,000		27,000		84,000		14,000	
Selenium	6800	38		33		37		41		140		42	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	400		360		1000		1100		3400		790	
Zinc	10000	830		1500		710		820		2400		2800	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-143 10/24/2006 GSSS0614300 FS		SS-144 10/24/2006 GSSS0614400 FS		SS-145 10/24/2006 GSSS0614500 FS		SS-146 10/25/2006 GSSS0614600 FS		SS-147 10/25/2006 GSSS0614700 FS		SS-148 10/25/2006 GSSS0614800 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	120		10	U	10	U	10	U	10	U	10	U
Barium	10000	1,600	J	50	U	3,300	J	870	J	4,600	J	6,300	J
Chromium	6800	12,000		25,000		19,000		2,500		25,000		16,000	
Cobalt	NA	3,000		200	U	2,700		700		35,000		23,000	
Copper	10000	4000		4800		4800		1800		6400		13000	
Iron	NA	160,000		310,000		150,000		55,000		340,000		220,000	
Lead	3900	980		780		450		690		3600		4500	
Manganese	10000	12000		24000		12000		6800		4000		4600	
Mercury	5.7	480		430		520		140		2000		1900	
Nickel	10000	37,000		82,000		54,000		7,700		21,000		11,000	
Selenium	6800	64		65		61		17		270		290	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	1300		1500		2300		370		2600		3000	
Zinc	10000	2800		1200		2300		1000		1800		1600	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-149 10/25/2006 GSSS0614900 FS		SS-150 10/25/2006 GSSS0615000 FS		SS-151 10/25/2006 GSSS0615100 FS		SS-152 10/25/2006 GSSS0615200 FS		SS-154 10/25/2006 GSSS0615400 FS		SS-155 10/25/2006 GSSS0615500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	150		10	U	10	U	10	U	10	U
Barium	10000	1,300	J	2,400	J	1,500	J	1,100	J	890	J	50	U
Chromium	6800	4,000		6,800		15,000		4,300		2,700		430	
Cobalt	NA	1,300		8,400		1,800		1,700		1,200		290	
Copper	10000	1700		7500		4200		950		1200		430	
Iron	NA	89,000		140,000		120,000		74,000		78,000		8,900	
Lead	3900	260		2500		360		330		1200		39	
Manganese	10000	7700		4700		16000		3000		2000		1300	
Mercury	5.7	260		900		300		180		240		10	U
Nickel	10000	9,600		16,000		28,000		6,500		4,500		810	
Selenium	6800	37		120		39		24		27		10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	560		1100		1100		430		380		42	
Zinc	10000	460		1100		780		810		1300		91	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-156 10/25/2006 GSSS0615600 FS		SS-B01 10/10/2006 GSSS06B0100 FS		SS-B02 10/10/2006 GSSS06B0200 FS		SS-B03 10/10/2006 GSSS06B0300 FS		SS-B04 10/10/2006 GSSS06B0400 FS		SS-B04 10/10/2006 GSSS06B0400XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	46		10	U	28		10	U
Barium	10000	50	U	680	J	50	U	750	J	50	U	50	U
Chromium	6800	420		760		870		20	U	20	U	210	
Cobalt	NA	200	U	200	U	200	U	200	U	200	U	200	U
Copper	10000	54		1300		1200		90		150		160	
Iron	NA	15,000		54,000		57,000		68,000		58,000		58,000	
Lead	3900	72		430		470		120		120		130	
Manganese	10000	760		12000		13000		15000		17000		18000	
Mercury	5.7	22		49		84		10	U	10	U	30	
Nickel	10000	800		1,200		1,400		340		20	U	450	
Selenium	6800	10	U	10	U	11		10	U	10	U	10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	66		140		160		36		39		37	
Zinc	10000	170		290		420		310		10	U	500	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-B05 10/10/2006 GSSS06B0500 FS		SS-B06 10/10/2006 GSSS06B0600 FS		SS-B07 10/10/2006 GSSS06B0700 FS		SS-B08 10/10/2006 GSSS06B0800 FS		SS-B09 10/10/2006 GSSS06B0900 FS		SS-B10 10/10/2006 GSSS06B1000 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	28		10	U	57		46		64		100	
Barium	10000	50	U	780	J	490	J	650	J	880	J	1,100	J
Chromium	6800	310		600		910		1,200		2,200		830	
Cobalt	NA	200	U	1,000		510		690		1,400		200	U
Copper	10000	180		270		250		500		810		450	
Iron	NA	32,000		64,000		30,000		37,000		77,000		63,000	
Lead	3900	160		250		690		380		680		980	
Manganese	10000	2700		660		1300		2300		4600		2300	
Mercury	5.7	35		75		69		66		140		97	
Nickel	10000	750		1,300		1,700		2,700		5,000		3,000	
Selenium	6800	10		10		10	U	10	U	22		15	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	47		74		72		130		250		170	
Zinc	10000	340		510		1000		350		530		1900	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-B11 10/26/2006 GSSS06B1100 FS		SS-B12 10/26/2006 GSSS06B1200 FS		SS-B13 10/26/2006 GSSS06B1300 FS		SS-B14 10/26/2006 GSSS06B1400 FS		SS-B15 10/26/2006 GSSS06B1500 FS		TP-001 10/18/2006 GSTP0600102 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	62		10	U	10	U	10	U	10	U
Barium	10000	50	U	50	U	440	J	50	U	50	U	2,400	
Chromium	6800	20	U	140		20	U	20	U	20	U	5,900	
Cobalt	NA	200	U	200	U	200	U	200	U	200	U	1,500	
Copper	10000	35		230		130		50		20	U	6300	
Iron	NA	23,000		25,000		17,000		32,000		21,000		48,000	
Lead	3900	150		920		140		71		50		450	U
Manganese	10000	1100		680		610		430		350		5300	
Mercury	5.7	10	U	10	U	10	U	10	U	10	U	220	
Nickel	10000	20	U	150		20	U	20	U	20	U	4,200	
Selenium	6800	10	U	10	U	10	U	10	U	10	U	30	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	20	U	20	U	20	U	20	U	20	U	470	
Zinc	10000	460		2000		600		1400		1300		700	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	TP-002 10/18/2006 GSTP0600203 FS		TP-003 10/18/2006 GSTP0600302 FS		TP-004 10/18/2006 GSTP0600404 FS		TP-005 10/18/2006 GSTP0600503 FS		TP-006 10/18/2006 GSTP0600604 FS		TP-007 10/18/2006 GSTP0600704 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	2,000		2,500		1,300		2,500		6,800		3,700	
Chromium	6800	4,300		6,800		3,000		3,800		30,000		80,000	
Cobalt	NA	690		1,100		1,000		2,200		200	U	5,900	
Copper	10000	3100		1500		760		890		16000		4300	
Iron	NA	39,000		49,000		82,000		120,000		220,000		290,000	
Lead	3900	390	U	290	U	510	U	520	U	460	U	1300	U
Manganese	10000	4200		4800		5000		1800		49000		11000	
Mercury	5.7	180		170		290		420		770		980	
Nickel	10000	4,800		8,400		2,300		4,400		94,000		49,000	
Selenium	6800	32		30		40		70		88		160	
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	490		810		1100		1000		3300		3800	
Zinc	10000	540		540		990		830		420		2700	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	TP-008 10/18/2006 GSTP0600806 FS		TP-009 10/18/2006 GSTP0600902 FS		TP-010 10/18/2006 GSTP0601004 FS		TP-011 10/18/2006 GSTP0601104 FS		TP-012 10/19/2006 GSTP0601203 FS		TP-013 10/18/2006 GSTP0601303 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	32	
Barium	10000	2,000		2,600		1,900		1,800		50	U	50	U
Chromium	6800	3,200		11,000		3,800		5,000		5,600		280	
Cobalt	NA	1,000		1,500		810		200	U	1,600		730	
Copper	10000	770		1100		770		560		830		160	
Iron	NA	39,000		44,000		32,000		28,000		160,000		55,000	
Lead	3900	360		290		290		190		260		110	
Manganese	10000	4100		3800		3200		3200		3700		700	
Mercury	5.7	150		190		120		140		360		90	
Nickel	10000	3,500		23,000		3,200		2,200		58		4,100	
Selenium	6800	32		25		17		28		56		18	
Silver	6800	130		50	U	50	U	50	U	50	U	50	U
Thallium	NA	340		1700		320		420		1300		20	U
Zinc	10000	390		550		660		360		230		1200	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	TP-014 10/19/2006 GSTP0601402 FS		TP-015 10/19/2006 GSTP0601502 FS		TP-016 10/19/2006 GSTP0601602 FS		TP-017 10/19/2006 GSTP0601704 FS		TP-018 10/19/2006 GSTP0601801 FS		TP-019 10/19/2006 GSTP0601901XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U	150	U	150	U	150	U	150	U
Arsenic	16	10	U	10	U	10	U	10	U	10	U	10	U
Barium	10000	50	U	50	U	500	J	50	U	50	U	50	U
Chromium	6800	230		20	U	20	U	20	U	530		20	U
Cobalt	NA	200	U	200	U	2,700		650		1,800		200	U
Copper	10000	91		20	U	570		61		180		20	U
Iron	NA	30,000		17,000		240,000		36,000		30,000		12,000	
Lead	3900	170		16		2200		33		280		33	
Manganese	10000	1300		490		1700		910		450		710	
Mercury	5.7	47		10	U	100		10	U	87		10	U
Nickel	10000	1,300		130		820		290		20	U	6,700	
Selenium	6800	10	U	10	U	10	U	10	U	10	U	10	U
Silver	6800	50	U	50	U	50	U	50	U	50	U	50	U
Thallium	NA	68		20	U	41		20	U	120		20	U
Zinc	10000	450		40		590		230		250		240	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.1: XRF Field Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	TP-019 10/19/2006 GSTP0601901 FS		TP-020 10/19/2006 GSTP0602001 FS	
		Result	Qualifier	Result	Qualifier
Antimony	NA	150	U	150	U
Arsenic	16	16		670	
Barium	10000	50	U	50	U
Chromium	6800	20	U	3,700	
Cobalt	NA	200	U	3,500	
Copper	10000	20	U	610	
Iron	NA	14,000		360,000	
Lead	3900	23		810	
Manganese	10000	640		900	
Mercury	5.7	10	U	560	
Nickel	10000	290		28,000	
Selenium	6800	10	U	77	
Silver	6800	50	U	50	U
Thallium	NA	20	U	390	
Zinc	10000	620		730	

Notes:

Metals results reported in milligrams per kilogram (mg/kg)
 Only detected compounds shown. Samples analyzed in the field by XRF

QC Code:

- FS = Field Sample
- FD = Field Sample

Qualifiers:

- U = Not detected at a concentration greater than the reporting limit
- J = Estimated value

Criteria = Values from Subpart 375-6.8(a) Unrestricted Use Soil Cleanup,
 "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.2: Soil VOC Results

Parameter	Criteria	BS-010 10/17/2006 GSBS0601004 FS		BS-011 10/17/2006 GSBS0601101 FS		BS-013 10/18/2006 GSBS0601303 FS		BS-014 10/18/2006 GSBS0601403 FS		BS-015 10/18/2006 GSBS0601506 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	14	U	12	U	11	U	12	U	12	U
1,1-Dichloroethane	480000	14	U	12	U	11	U	12	U	12	U
1,1-Dichloroethene	1000000	14	U	12	U	11	U	12	U	12	U
2-Butanone	1000000	14	U	12	U	11	U	5	J	12	U
Acetic acid, methyl ester	NA	14	U	12	U	11	U	12	U	12	U
Acetone	1000000	14	J	12	U	11	U	30		21	
Benzene	89000	14	U	12	U	11	U	12	U	12	U
Carbon disulfide	NA	8	J	12	U	11	U	12	U	3	J
Carbon tetrachloride	44000	14	U	12	U	11	U	12	U	12	U
Chlorobenzene	1000000	14	U	12	U	11	U	12	U	12	U
Ethyl benzene	780000	14	U	12	U	11	U	12	U	12	U
Methylene chloride	1000000	14	U	12	U	11	U	12	U	12	U
o-Xylene	1000000	14	U	12	U	11	U	12	U	12	U
Tetrachloroethene	300000	14	U	12	U	11	U	12	U	12	U
Toluene	1000000	3	J	12	U	11	U	12	U	12	U
Trichloroethene	400000	14	U	12	U	11	U	12	U	12	U
Xylene, m/p	1000000	14	U	12	U	11	U	12	U	12	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	BS-016 10/18/2006 GSBS0601604 FS		BS-017 10/19/2006 GSBS0601703 FS		SS-001 10/9/2006 GSSS0600100 FS		SS-006 10/9/2006 GSSS0600600 FS		SS-011 10/9/2006 GSSS0601100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	12	U	11	U	11	U	11	U	10	U
1,1-Dichloroethane	480000	12	U	11	U	11	U	11	U	10	U
1,1-Dichloroethene	1000000	12	U	11	U	11	U	11	U	10	U
2-Butanone	1000000	12	U	11	U	11	U	11	U	10	U
Acetic acid, methyl ester	NA	12	U	11	U	11	U	11	U	10	U
Acetone	1000000	12	U	11	U	11	U	11	U	10	U
Benzene	89000	12	U	11	U	11	U	11	U	10	U
Carbon disulfide	NA	12	U	11	U	11	U	11	U	10	U
Carbon tetrachloride	44000	12	U	11	U	11	U	11	U	10	U
Chlorobenzene	1000000	12	U	11	U	11	U	11	U	10	U
Ethyl benzene	780000	12	U	11	U	11	U	11	U	10	U
Methylene chloride	1000000	12	U	11	U	11	U	11	U	10	U
o-Xylene	1000000	12	U	11	U	11	U	11	U	10	U
Tetrachloroethene	300000	12	U	11	U	11	U	11	U	10	U
Toluene	1000000	12	U	11	U	11	U	11	U	2	J
Trichloroethene	400000	12	U	11	U	11	U	11	U	10	U
Xylene, m/p	1000000	12	U	11	U	11	U	11	U	10	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	SS-016 10/10/2006 GSSS0601600 FS		SS-016 10/20/2006 GSSS0611600 FS		SS-020 10/10/2006 GSSS0602000 FS		SS-021 10/20/2006 GSSS0612100 FS		SS-025 10/10/2006 GSSS0602500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	11	U	12	UJ	11	U	10	U	12	U
1,1-Dichloroethane	480000	11	U	12	UJ	11	U	10	U	12	U
1,1-Dichloroethene	1000000	11	U	12	UJ	11	U	10	U	12	U
2-Butanone	1000000	11	U	12	UJ	11	U	10	U	12	U
Acetic acid, methyl ester	NA	11	U	12	UJ	11	U	10	U	2	J
Acetone	1000000	11	U	12	UJ	11	U	10	U	12	U
Benzene	89000	11	U	12	UJ	11	U	10	U	12	U
Carbon disulfide	NA	11	U	12	UJ	11	U	10	U	12	U
Carbon tetrachloride	44000	11	U	12	UJ	11	U	10	U	12	U
Chlorobenzene	1000000	11	U	12	UJ	11	U	10	U	12	U
Ethyl benzene	780000	11	U	12	UJ	11	U	10	U	12	U
Methylene chloride	1000000	11	U	12	UJ	11	U	10	U	12	U
o-Xylene	1000000	11	U	12	UJ	11	U	10	U	12	U
Tetrachloroethene	300000	11	U	12	UJ	11	U	10	U	12	U
Toluene	1000000	0.56	J	12	UJ	11	U	10	U	12	U
Trichloroethene	400000	11	U	12	UJ	11	U	10	U	12	U
Xylene, m/p	1000000	11	U	12	UJ	11	U	10	U	12	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	SS-026 10/20/2006 GSSS0612600 FS		SS-030 10/10/2006 GSSS0603000 FS		SS-035 10/10/2006 GSSS0603500A FS		SS-040 10/10/2006 GSSS0604000 FS		SS-045 10/11/2006 GSSS0604500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	12	U	12	UJ	2	J	12	U	11	U
1,1-Dichloroethane	480000	12	U	12	UJ	11	U	12	U	11	U
1,1-Dichloroethene	1000000	12	U	12	UJ	11	U	12	U	11	U
2-Butanone	1000000	12	U	12	UJ	11	U	12	U	11	U
Acetic acid, methyl ester	NA	12	U	2	J	11	U	12	U	11	U
Acetone	1000000	12	U	12	UJ	11	U	12	U	11	U
Benzene	89000	12	U	12	UJ	11	U	12	U	11	U
Carbon disulfide	NA	12	U	12	UJ	11	U	12	U	11	U
Carbon tetrachloride	44000	12	U	12	UJ	11	U	12	U	11	U
Chlorobenzene	1000000	12	U	12	UJ	11	U	12	U	11	U
Ethyl benzene	780000	12	U	12	UJ	11	U	12	U	11	U
Methylene chloride	1000000	12	U	12	UJ	11	U	12	U	11	U
o-Xylene	1000000	12	U	12	UJ	11	U	12	U	11	U
Tetrachloroethene	300000	12	U	12	UJ	11	U	12	U	11	U
Toluene	1000000	12	U	2	J	0.85	J	12	U	11	U
Trichloroethene	400000	12	U	12	UJ	11	U	12	U	11	U
Xylene, m/p	1000000	12	U	12	UJ	11	U	12	U	11	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	Location Sample Date Sample ID Qc Code		SS-050 10/11/2006 GSSS0605000 FS		SS-055 10/11/2006 GSSS0605500 FS		SS-060 10/11/2006 GSSS0606001 FS		SS-061 10/11/2006 GSSS0606100 FS		SS-086 10/16/2006 GSSS0608600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
1,1,1-Trichloroethane	1000000	12	U	1	J	11	U	11	U	11	U	11	U
1,1-Dichloroethane	480000	12	U	12	UJ	11	U	11	U	11	U	11	U
1,1-Dichloroethene	1000000	12	U	12	UJ	1	J	11	U	11	U	11	U
2-Butanone	1000000	12	U	12	UJ	11	U	11	U	11	U	11	U
Acetic acid, methyl ester	NA	12	U	12	UJ	11	U	2	J	11	U	11	U
Acetone	1000000	12	U	12	UJ	11	U	4	J	11	U	11	U
Benzene	89000	12	U	12	UJ	1.1	J	11	U	11	U	11	U
Carbon disulfide	NA	12	U	12	UJ	11	U	11	U	11	U	11	U
Carbon tetrachloride	44000	12	U	0.4	J	11	U	11	U	11	U	11	U
Chlorobenzene	1000000	12	U	12	UJ	1	J	11	U	11	U	11	U
Ethyl benzene	780000	12	U	12	UJ	11	U	11	U	11	U	11	U
Methylene chloride	1000000	12	U	12	UJ	11	U	11	U	11	U	11	U
o-Xylene	1000000	12	U	12	UJ	11	U	11	U	11	U	11	U
Tetrachloroethene	300000	1.3	J	12	UJ	11	U	11	U	11	U	11	U
Toluene	1000000	12	U	12	UJ	1	J	0.77	J	11	U	11	U
Trichloroethene	400000	12	U	12	UJ	11	U	11	U	11	U	11	U
Xylene, m/p	1000000	12	U	12	UJ	11	U	11	U	11	U	11	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	SS-091 10/17/2006 GSSS0609100 FS		SS-096 10/17/2006 GSSS0609600 FS		SS-101 10/17/2006 GSSS0610100 FS		SS-101 10/17/2006 GSSS0610100XD FD		SS-106 10/19/2006 GSSS0610600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	11	U	12	U	13	U	13	U	12	U
1,1-Dichloroethane	480000	11	U	12	U	13	U	13	U	12	U
1,1-Dichloroethene	1000000	11	U	12	U	13	U	13	U	12	U
2-Butanone	1000000	11	U	12	U	13	U	13	U	12	U
Acetic acid, methyl ester	NA	11	U	12	U	13	U	13	U	12	U
Acetone	1000000	11	U	12	U	13	U	13	U	12	U
Benzene	89000	11	U	12	U	13	U	13	U	12	U
Carbon disulfide	NA	11	U	12	U	13	U	13	U	12	U
Carbon tetrachloride	44000	11	U	12	U	13	U	13	U	12	U
Chlorobenzene	1000000	11	U	12	U	13	U	13	U	12	U
Ethyl benzene	780000	11	U	12	U	13	U	13	U	12	U
Methylene chloride	1000000	11	U	12	U	13	U	13	U	12	U
o-Xylene	1000000	11	U	12	U	13	U	13	U	12	U
Tetrachloroethene	300000	3	J	12	U	13	U	13	U	17	
Toluene	1000000	11	U	12	U	13	U	13	U	12	U
Trichloroethene	400000	7	J	12	U	13	U	13	U	12	U
Xylene, m/p	1000000	11	U	12	U	13	U	13	U	12	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	SS-111 10/19/2006 GSSS0611100 FS		SS-135 10/24/2006 GSSS0613500 FS		SS-140 10/24/2006 GSSS0614000 FS		SS-145 10/24/2006 GSSS0614500 FS		SS-150 10/25/2006 GSSS0615000 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	2	J	11	U	11	U	12	U	11	U
1,1-Dichloroethane	480000	11	UJ	11	U	11	U	12	U	11	U
1,1-Dichloroethene	1000000	11	UJ	11	U	11	U	12	U	11	U
2-Butanone	1000000	11	UJ	11	U	11	U	12	U	11	U
Acetic acid, methyl ester	NA	8	J	11	U	11	U	12	U	11	U
Acetone	1000000	11	UJ	11	U	11	U	12	U	11	U
Benzene	89000	11	UJ	11	U	11	U	12	U	11	U
Carbon disulfide	NA	11	UJ	11	U	11	U	12	U	11	U
Carbon tetrachloride	44000	11	UJ	11	U	11	U	12	U	11	U
Chlorobenzene	1000000	11	UJ	11	U	11	U	12	U	11	U
Ethyl benzene	780000	11	UJ	11	U	11	U	12	U	11	U
Methylene chloride	1000000	11	UJ	11	U	11	U	12	U	11	U
o-Xylene	1000000	11	UJ	11	U	11	U	12	U	11	U
Tetrachloroethene	300000	3	J	11	U	11	U	12	U	11	U
Toluene	1000000	11	UJ	11	U	11	U	12	U	11	U
Trichloroethene	400000	11	UJ	11	U	11	U	12	U	11	U
Xylene, m/p	1000000	11	UJ	11	U	11	U	12	U	11	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	SS-155 10/25/2006 GSSS061550 FS		TP-001 10/18/2006 GSTP0600102 FS		TP-003 10/18/2006 GSTP0600302 FS		TP-004 10/18/2006 GSTP0600404 FS		TP-014 10/19/2006 GSTP0601402 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	12	U	13	U	12	U	13	U	12	U
1,1-Dichloroethane	480000	12	U	13	U	12	U	13	U	4	J
1,1-Dichloroethene	1000000	12	U	13	U	12	U	13	U	12	U
2-Butanone	1000000	12	U	13	U	12	U	7	J	12	U
Acetic acid, methyl ester	NA	12	U	13	U	12	U	13	U	12	U
Acetone	1000000	12	U	13	U	12	U	53		14	
Benzene	89000	12	U	13	U	12	U	13	U	12	U
Carbon disulfide	NA	12	U	13	U	12	U	2	J	12	U
Carbon tetrachloride	44000	12	U	13	U	12	U	13	U	12	U
Chlorobenzene	1000000	12	U	13	U	12	U	13	U	12	U
Ethyl benzene	780000	12	U	13	U	12	U	2	J	12	U
Methylene chloride	1000000	4	J	13	U	12	U	13	U	12	U
o-Xylene	1000000	12	U	13	U	12	U	12	J	12	U
Tetrachloroethene	300000	12	U	13	U	12	U	13	U	17	
Toluene	1000000	12	U	13	U	12	U	26		12	U
Trichloroethene	400000	12	U	13	U	12	U	13	U	2	J
Xylene, m/p	1000000	12	U	13	U	12	U	7	J	12	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.2: Soil VOC Results

Parameter	Criteria	TP-018 10/19/2006 GSTP0601801 FS		TP-018 10/19/2006 GSTP0601801XD FD	
		Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	1000000	11	U	11	U
1,1-Dichloroethane	480000	11	U	11	U
1,1-Dichloroethene	1000000	11	U	11	U
2-Butanone	1000000	11	U	11	U
Acetic acid, methyl ester	NA	11	U	11	U
Acetone	1000000	6	J	6	J
Benzene	89000	11	U	11	U
Carbon disulfide	NA	11	U	11	U
Carbon tetrachloride	44000	11	U	11	U
Chlorobenzene	1000000	11	U	11	U
Ethyl benzene	780000	11	U	11	U
Methylene chloride	1000000	11	U	11	U
o-Xylene	1000000	11	U	11	U
Tetrachloroethene	300000	11	U	11	U
Toluene	1000000	11	U	11	U
Trichloroethene	400000	11	U	11	U
Xylene, m/p	1000000	11	U	11	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code	BS-011 10/17/2006 GSBS0601101 FS		BS-013 10/18/2006 GSBS0601303 FS		BS-014 10/18/2006 GSBS0601403 FS		BS-015 10/18/2006 GSBS0601506 FS		BS-016 10/18/2006 GSBS0601604 FS		BS-017 10/19/2006 GSBS0601703 FS		SS-001 10/9/2006 GSSS0600100 FS	
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
2,4-Dinitrotoluene	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
2-Methylnaphthalene	NA	2000	U	370	U	410	U	220 J		390	U	380	U	370	U
Acenaphthene	1000000	2000	U	370	U	410	U	1200	UJ	390	UJ	380	UJ	370	U
Acenaphthylene	1000000	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Acetophenone	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Anthracene	1000000	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Benzaldehyde	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Benzo(a)anthracene	11000	2000	U	370	U	410	U	280 J		390	U	380	U	370	U
Benzo(a)pyrene	1100	2000	U	370	U	410	U	260 J		390	U	380	U	370	U
Benzo(b)fluoranthene	11000	2000	U	370	U	410	U	260 J		390	U	380	U	370	U
Benzo(ghi)perylene	1000000	2000	U	370	U	410	U	240 J		390	U	380	U	370	U
Benzo(k)fluoranthene	110000	2000	U	370	U	410	U	220 J		390	U	380	U	370	U
Biphenyl	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Bis(2-Ethylhexyl)phthalate	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Butylbenzylphthalate	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Carbazole	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Chrysene	110000	2000	U	370	U	410	U	390 J		390	U	380	U	44 J	
Dibenz(a,h)anthracene	1100	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Dibenzofuran	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Diethylphthalate	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Fluoranthene	1000000	2000	U	370	U	410	U	820 J		390	U	380	U	69 J	
Fluorene	1000000	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Hexachlorobenzene	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Indeno(1,2,3-cd)pyrene	11000	2000	U	370	U	410	U	150 J		390	U	380	U	370	U
N-Nitrosodi-n-propylamine	NA	2000	U	370	U	410	U	1200	U	390	U	380	U	48 J	
Naphthalene	1000000	2000	U	370	U	410	U	150 J		390	U	380	U	370	U
Phenanthrene	1000000	2000	U	370	U	410	U	640 J		390	U	380	U	53 J	
Phenol	1000000	2000	U	370	U	410	U	1200	U	390	U	380	U	370	U
Pyrene	1000000	2000	U	370	U	410	U	390 J		390	U	380	U	48 J	

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-006 10/9/2006 GSSS0600600 FS		SS-011 10/9/2006 GSSS0601100 FS		SS-016 10/10/2006 GSSS0601600 FS		SS-016 10/20/2006 GSSS0611600 FS		SS-020 10/10/2006 GSSS0602000 FS		SS-021 10/20/2006 GSSS0612100 FS		SS-025 10/10/2006 GSSS0602500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
2-Methylnaphthalene	NA	370	U	340	U	100	J	400	J	71	J	340	J	440	J
Acenaphthene	1000000	370	UJ	340	U	360	U	2000	UJ	370	U	690	UJ	160	J
Acenaphthylene	1000000	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Acetophenone	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Anthracene	1000000	370	U	340	U	360	U	2000	U	370	U	690	U	290	J
Benzaldehyde	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Benzo(a)anthracene	11000	62	J	340	U	46	J	2000	U	46	J	130	J	810	J
Benzo(a)pyrene	1100	64	J	340	U	42	J	200	J	44	J	100	J	780	J
Benzo(b)fluoranthene	11000	75	J	340	U	58	J	2000	U	100	J	140	J	690	J
Benzo(ghi)perylene	1000000	82	J	35	J	64	J	2000	U	130	J	170	J	760	J
Benzo(k)fluoranthene	110000	66	J	340	U	45	J	2000	U	190	J	110	J	650	J
Biphenyl	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Bis(2-Ethylhexyl)phthalate	NA	370	U	340	U	360	U	2000	U	370	U	200	J	1100	U
Butylbenzylphthalate	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Carbazole	NA	370	U	340	U	360	U	2000	U	370	U	690	U	230	J
Chrysene	110000	91	J	45	J	73	J	320	J	130	J	200	J	870	J
Dibenz(a,h)anthracene	1100	370	U	340	U	360	U	2000	U	41	J	690	U	250	J
Dibenzofuran	NA	370	U	340	U	360	U	2000	U	370	U	690	U	200	J
Diethylphthalate	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Fluoranthene	1000000	180	J	79	J	80	J	290	J	100	J	330	J	1600	
Fluorene	1000000	370	U	340	U	360	U	2000	U	370	U	690	U	140	J
Hexachlorobenzene	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Indeno(1,2,3-cd)pyrene	11000	64	J	340	U	51	J	2000	U	130	J	100	J	640	J
N-Nitrosodi-n-propylamine	NA	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Naphthalene	1000000	370	U	340	U	61	J	270	J	44	J	170	J	390	J
Phenanthrene	1000000	140	J	45	J	89	J	370	J	76	J	250	J	1400	
Phenol	1000000	370	U	340	U	360	U	2000	U	370	U	690	U	1100	U
Pyrene	1000000	120	J	50	J	65	J	2000	U	73	J	190	J	1100	J

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-026 10/20/2006 GSSS0612600 FS		SS-030 10/10/2006 GSSS0603000 FS		SS-035 10/10/2006 GSSS0603500A FS		SS-040 10/10/2006 GSSS0604000 FS		SS-045 10/11/2006 GSSS0604500 FS		SS-050 10/11/2006 GSSS0605000 FS		SS-055 10/11/2006 GSSS0605500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	400	U	800	U	350	U	780	U	380	U	390	U	380	U
2-Methylnaphthalene	NA	400	U	1300		350	U	780	U	380	U	390	U	380	U
Acenaphthene	1000000	400	UJ	800	U	350	U	780	U	380	U	390	U	380	U
Acenaphthylene	1000000	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Acetophenone	NA	400	U	800	U	76	J	780	U	45	J	390	U	380	U
Anthracene	1000000	400	U	96	J	350	U	780	U	380	U	390	U	380	U
Benzaldehyde	NA	400	U	800	U	350	U	780	U	380	U	390	U	80	J
Benzo(a)anthracene	11000	400	U	600	J	140	J	180	J	68	J	390	U	380	U
Benzo(a)pyrene	1100	400	U	570	J	160	J	180	J	81	J	390	U	380	U
Benzo(b)fluoranthene	11000	400	U	600	J	140	J	200	J	88	J	42	J	39	J
Benzo(ghi)perylene	1000000	400	U	820		130	J	160	J	120	J	48	J	49	J
Benzo(k)fluoranthene	110000	400	U	380	J	130	J	170	J	66	J	390	U	380	U
Biphenyl	NA	400	U	110	J	350	U	780	U	380	U	390	U	380	U
Bis(2-Ethylhexyl)phthalate	NA	400	U	800	U	350	U	460	J	380	U	390	U	380	U
Butylbenzylphthalate	NA	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Carbazole	NA	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Chrysene	110000	400	U	1000		160	J	270	J	89	J	66	J	74	J
Dibenz(a,h)anthracene	1100	400	U	220	J	44	J	780	U	380	U	390	U	380	U
Dibenzofuran	NA	400	U	340	J	350	U	780	U	380	U	390	U	380	U
Diethylphthalate	NA	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Fluoranthene	1000000	400	U	910		72	J	380	J	77	J	93	J	87	J
Fluorene	1000000	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Hexachlorobenzene	NA	400	U	800	U	350	U	780	U	380	U	77	J	380	U
Indeno(1,2,3-cd)pyrene	11000	400	U	470	J	110	J	130	J	98	J	390	U	380	U
N-Nitrosodi-n-propylamine	NA	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Naphthalene	1000000	400	U	740	J	350	U	780	U	380	U	390	U	380	U
Phenanthrene	1000000	400	U	1600		350	U	270	J	61	J	71	J	160	J
Phenol	1000000	400	U	800	U	350	U	780	U	380	U	390	U	380	U
Pyrene	1000000	400	U	990		96	J	260	J	77	J	90	J	62	J

Notes:Results reported in micrograms per kilogram ($\mu\text{g}/\text{kg}$)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-060 10/11/2006 GSSS0606001 FS		SS-061 10/11/2006 GSSS0606100 FS		SS-086 10/16/2006 GSSS0608600 FS		SS-087 10/17/2006 GSSS0608700 FS		SS-087 10/17/2006 GSSS0608701 FS		SS-091 10/17/2006 GSSS0609100 FS		SS-096 10/17/2006 GSSS0609600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
2-Methylnaphthalene	NA	360	U	230 J		1800	U	580 J		63 J		360 J		2100	U
Acenaphthene	1000000	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Acenaphthylene	1000000	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Acetophenone	NA	360	U	52 J		1800	U	1500	U	360	U	1100	U	2100	U
Anthracene	1000000	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Benzaldehyde	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Benzo(a)anthracene	11000	360	U	70 J		1800	U	340 J		360	U	390 J		2100	U
Benzo(a)pyrene	1100	360	U	65 J		1800	U	250 J		360	U	370 J		2100	U
Benzo(b)fluoranthene	11000	360	U	140 J		1800	U	270 J		360	U	410 J		2100	U
Benzo(ghi)perylene	1000000	360	U	110 J		1800	U	190 J		360	U	410 J		250 J	
Benzo(k)fluoranthene	110000	360	U	89 J		1800	U	230 J		360	U	310 J		2100	U
Biphenyl	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Bis(2-Ethylhexyl)phthalate	NA	360	U	75 J		1800	U	1500	U	360	U	1100	U	2100	U
Butylbenzylphthalate	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Carbazole	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Chrysene	110000	360	U	220 J		1800	U	410 J		360	U	500 J		2100	U
Dibenz(a,h)anthracene	1100	360	U	360	U	1800	U	1500	U	360	U	160 J		2100	U
Dibenzofuran	NA	360	U	360	U	1800	U	180 J		360	U	1100	U	2100	U
Diethylphthalate	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Fluoranthene	1000000	360	U	360	U	1800	U	660 J		360	U	560 J		250 J	
Fluorene	1000000	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Hexachlorobenzene	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Indeno(1,2,3-cd)pyrene	11000	360	U	99 J		1800	U	190 J		360	U	350 J		2100	U
N-Nitrosodi-n-propylamine	NA	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Naphthalene	1000000	360	U	61 J		1800	U	390 J		37 J		290 J		2100	U
Phenanthrene	1000000	360	U	590		1800	U	770 J		45 J		480 J		240 J	
Phenol	1000000	360	U	360	U	1800	U	1500	U	360	U	1100	U	2100	U
Pyrene	1000000	360	U	600		1800	U	450 J		360	U	540 J		2100	U

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-101 10/17/2006 GSSS0610100 FS		SS-101 10/17/2006 GSSS0610100XD FD		SS-106 10/19/2006 GSSS0610600 FS		SS-111 10/19/2006 GSSS0611100 FS		SS-135 10/24/2006 GSSS0613500 FS		SS-140 10/24/2006 GSSS0614000 FS		SS-145 10/24/2006 GSSS0614500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
2-Methylnaphthalene	NA	1300	U	880	U	410	U	22000	U	480 J		110 J		2000	U
Acenaphthene	1000000	1300	U	880	U	410	UJ	22000	UJ	3800	UJ	760	UJ	2000	UJ
Acenaphthylene	1000000	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Acetophenone	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Anthracene	1000000	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Benzaldehyde	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Benzo(a)anthracene	11000	250 J		190 J		91 J		22000	U	650 J		110 J		2000	U
Benzo(a)pyrene	1100	290 J		190 J		78 J		22000	U	610 J		110 J		2000	U
Benzo(b)fluoranthene	11000	320 J		240 J		92 J		22000	U	810 J		190 J		2000	U
Benzo(ghi)perylene	1000000	230 J		160 J		77 J		22000	U	960 J		180 J		250 J	
Benzo(k)fluoranthene	110000	320 J		190 J		73 J		22000	U	570 J		120 J		2000	U
Biphenyl	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Bis(2-Ethylhexyl)phthalate	NA	1300	U	880	U	410	U	22000	U	3800	U	1700		490 J	
Butylbenzylphthalate	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Carbazole	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Chrysene	110000	340 J		260 J		120 J		22000	U	1400 J		340 J		2000	U
Dibenz(a,h)anthracene	1100	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Dibenzofuran	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Diethylphthalate	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Fluoranthene	1000000	450 J		350 J		230 J		22000	U	1100 J		460 J		340 J	
Fluorene	1000000	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Hexachlorobenzene	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Indeno(1,2,3-cd)pyrene	11000	200 J		140 J		63 J		22000	U	640 J		110 J		2000	U
N-Nitrosodi-n-propylamine	NA	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Naphthalene	1000000	1300	U	880	U	94 J		22000	U	3800	U	78 J		2000	U
Phenanthrene	1000000	200 J		230 J		150 J		22000	U	1600 J		370 J		330 J	
Phenol	1000000	1300	U	880	U	410	U	22000	U	3800	U	760	U	2000	U
Pyrene	1000000	290 J		240 J		120 J		22000	U	1100 J		260 J		2000	U

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-150 10/25/2006 GSSS0615000 FS		SS-155 10/25/2006 GSSS061550 FS		SS-B01 10/5/2006 GSSS06B0100 FS		SS-B02 10/5/2006 GSSS06B0200 FS		SS-B03 10/5/2006 GSSS06B0300 FS		SS-B04 10/5/2006 GSSS06B0400 FS		SS-B04 10/5/2006 GSSS06B0400XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
2-Methylnaphthalene	NA	170	J	400	U	930	U	1000	U	500	U	510	U	510	U
Acenaphthene	1000000	1100	UJ	400	U	930	U	1000	U	500	U	510	U	510	U
Acenaphthylene	1000000	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Acetophenone	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Anthracene	1000000	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Benzaldehyde	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Benzo(a)anthracene	11000	360	J	180	J	140	J	110	J	120	J	130	J	140	J
Benzo(a)pyrene	1100	330	J	160	J	710	J	540	J	130	J	150	J	160	J
Benzo(b)fluoranthene	11000	350	J	180	J	930	U	1000	U	120	J	150	J	170	J
Benzo(ghi)perylene	1000000	230	J	180	J	200	J	130	J	110	J	140	J	160	J
Benzo(k)fluoranthene	110000	300	J	150	J	930	U	1000	U	120	J	130	J	140	J
Biphenyl	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Bis(2-Ethylhexyl)phthalate	NA	1100	U	64	J	930	U	1000	U	500	U	510	U	510	U
Butylbenzylphthalate	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Carbazole	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Chrysene	110000	410	J	210	J	190	J	170	J	140	J	170	J	180	J
Dibenz(a,h)anthracene	1100	1100	U	45	J	930	U	1000	U	500	U	510	U	510	U
Dibenzofuran	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Diethylphthalate	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Fluoranthene	1000000	950	J	370	J	360	J	300	J	230	J	290	J	340	J
Fluorene	1000000	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Hexachlorobenzene	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Indeno(1,2,3-cd)pyrene	11000	230	J	160	J	140	J	100	J	100	J	120	J	130	J
N-Nitrosodi-n-propylamine	NA	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Naphthalene	1000000	120	J	400	U	930	U	1000	U	500	U	510	U	510	U
Phenanthrene	1000000	550	J	200	J	200	J	170	J	160	J	190	J	200	J
Phenol	1000000	1100	U	400	U	930	U	1000	U	500	U	510	U	510	U
Pyrene	1000000	430	J	300	J	170	J	160	J	220	J	250	J	240	J

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-B05 10/5/2006 GSSS06B0500 FS		SS-B06 10/5/2006 GSSS06B0600 FS		SS-B07 10/5/2006 GSSS06B0700 FS		SS-B08 10/5/2006 GSSS06B0800 FS		SS-B09 10/5/2006 GSSS06B0900 FS		SS-B10 10/5/2006 GSSS06B1000 FS		SS-B11 10/26/2006 GSSS06B1100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
2-Methylnaphthalene	NA	63	J	560	J	300	J	510	J	1200	J	830	J	4400	U
Acenaphthene	1000000	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Acenaphthylene	1000000	480	U	240	J	1200	U	1200	U	1200	U	190	J	4400	U
Acetophenone	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Anthracene	1000000	480	U	590	J	210	J	1200	U	1200	U	260	J	4400	U
Benzaldehyde	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Benzo(a)anthracene	11000	180	J	2000		990	J	420	J	380	J	1200	J	810	J
Benzo(a)pyrene	1100	210	J	1900		1000	J	400	J	360	J	1200	J	790	J
Benzo(b)fluoranthene	11000	210	J	1900		900	J	400	J	400	J	1200	J	610	J
Benzo(ghi)perylene	1000000	190	J	1700		1000	J	390	J	360	J	1000	J	660	J
Benzo(k)fluoranthene	110000	190	J	1400		910	J	340	J	270	J	1100	J	730	J
Biphenyl	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Bis(2-Ethylhexyl)phthalate	NA	53	J	1100	U	260	J	1200	U	1200	U	1300	U	24000	
Butylbenzylphthalate	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	18000	
Carbazole	NA	480	U	320	J	160	J	1200	U	1200	U	240	J	4400	U
Chrysene	110000	240	J	2000		1100	J	560	J	540	J	1400		840	J
Dibenz(a,h)anthracene	1100	52	J	610	J	300	J	1200	U	1200	U	340	J	4400	U
Dibenzofuran	NA	480	U	250	J	1200	U	160	J	340	J	260	J	4400	U
Diethylphthalate	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Fluoranthene	1000000	400	J	3600		2200		930	J	710	J	2400		1800	J
Fluorene	1000000	480	U	210	J	1200	U	1200	U	1200	U	1300	U	4400	U
Hexachlorobenzene	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Indeno(1,2,3-cd)pyrene	11000	170	J	1700		870	J	330	J	270	J	970	J	630	J
N-Nitrosodi-n-propylamine	NA	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Naphthalene	1000000	480	U	330	J	200	J	290	J	710	J	470	J	4400	U
Phenanthrene	1000000	260	J	2300		1300		880	J	1000	J	1600		1400	J
Phenol	1000000	480	U	1100	U	1200	U	1200	U	1200	U	1300	U	4400	U
Pyrene	1000000	340	J	2500		1600		630	J	470	J	1500		1600	J

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)**Highlighted results exceed criteria**

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-B12 10/26/2006 GSSS06B1200 FS		SS-B13 10/26/2006 GSSS06B1300 FS		SS-B14 10/26/2006 GSSS06B1400 FS		SS-B15 10/26/2006 GSSS06B1500 FS		TP-001 10/18/2006 GSTP0600102 FS		TP-003 10/18/2006 GSTP0600302 FS		TP-004 10/18/2006 GSTP0600404 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
		2,4-Dinitrotoluene	NA	680	J	400	U	500	U	510	U	420	U	2000	U
2-Methylnaphthalene	NA	1400	U	400	U	500	U	510	U	420	U	2000	U	630	J
Acenaphthene	1000000	330	J	400	UJ	500	U	510	U	420	U	2000	U	4400	U
Acenaphthylene	1000000	1400	U	400	U	500	U	510	U	420	U	2000	U	4400	U
Acetophenone	NA	1400	U	400	U	500	U	510	U	64	J	2000	U	4400	U
Anthracene	1000000	720	J	49	J	500	U	510	U	420	U	2000	U	4400	U
Benzaldehyde	NA	1400	U	400	U	500	U	510	U	420	U	2000	U	4400	U
Benzo(a)anthracene	11000	2000		190	J	52	J	510	U	77	J	2000	U	4400	U
Benzo(a)pyrene	1100	1800		200	J	50	J	510	U	62	J	2000	U	4400	U
Benzo(b)fluoranthene	11000	1500		180	J	500	U	510	U	97	J	2000	U	4400	U
Benzo(ghi)perylene	1000000	1200	J	150	J	54	J	510	U	73	J	290	J	4400	U
Benzo(k)fluoranthene	110000	1600		190	J	52	J	510	U	68	J	2000	U	4400	U
Biphenyl	NA	1400	U	400	U	500	U	510	U	420	U	2000	U	4400	U
Bis(2-Ethylhexyl)phthalate	NA	420	J	62	J	500	U	510	U	420	U	2000	U	860	J
Butylbenzylphthalate	NA	2600		400	U	500	U	510	U	420	U	2000	U	4400	U
Carbazole	NA	530	J	400	U	500	U	510	U	420	U	2000	U	4400	U
Chrysene	110000	2100		220	J	59	J	53	J	130	J	2000	U	850	J
Dibenz(a,h)anthracene	1100	370	J	46	J	500	U	510	U	420	U	2000	U	4400	U
Dibenzofuran	NA	160	J	400	U	500	U	510	U	420	U	2000	U	4400	U
Diethylphthalate	NA	1400	U	400	U	500	U	510	U	420	U	500	J	4400	U
Fluoranthene	1000000	4700		440		100	J	81	J	190	J	2000	U	4400	U
Fluorene	1000000	290	J	400	U	500	U	510	U	420	U	2000	U	4400	U
Hexachlorobenzene	NA	1400	U	400	U	500	U	510	U	420	U	2000	U	4400	U
Indeno(1,2,3-cd)pyrene	11000	1200	J	150	J	500	U	510	U	56	J	2000	U	4400	U
N-Nitrosodi-n-propylamine	NA	1400	U	400	U	500	U	510	U	420	U	2000	U	4400	U
Naphthalene	1000000	1400	U	400	U	500	U	510	U	420	U	2000	U	4400	U
Phenanthrene	1000000	3600		240	J	62	J	510	U	75	J	230	J	2100	J
Phenol	1000000	1400	U	400	U	500	U	510	U	420	U	230	J	4400	U
Pyrene	1000000	3200		270	J	75	J	60	J	140	J	2000	U	740	J

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.3: Soil SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	TP-014 10/19/2006 GSTP0601402 FS		TP-018 10/19/2006 GSTP0601801 FS		TP-018 10/19/2006 GSTP0601801XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dinitrotoluene	NA	390	U	5700	U	5700	U
2-Methylnaphthalene	NA	49	J	5700	U	5700	U
Acenaphthene	1000000	390	U	620	J	1200	J
Acenaphthylene	1000000	390	U	5700	U	5700	U
Acetophenone	NA	55	J	5700	U	5700	U
Anthracene	1000000	390	U	2100	J	4100	J
Benzaldehyde	NA	390	U	5700	U	5700	U
Benzo(a)anthracene	11000	390	U	11000		16000	
Benzo(a)pyrene	1100	42	J	8700		12000	
Benzo(b)fluoranthene	11000	51	J	8000		11000	
Benzo(ghi)perylene	1000000	62	J	5900		7700	
Benzo(k)fluoranthene	110000	390	U	7400		11000	
Biphenyl	NA	390	U	5700	U	5700	U
Bis(2-Ethylhexyl)phthalate	NA	390	U	5700	U	5700	U
Butylbenzylphthalate	NA	390	U	5700	U	5700	U
Carbazole	NA	390	U	660	J	1600	J
Chrysene	110000	69	J	11000		17000	
Dibenz(a,h)anthracene	1100	390	U	2000	J	3000	J
Dibenzofuran	NA	390	U	5700	U	5700	U
Diethylphthalate	NA	390	U	5700	U	5700	U
Fluoranthene	1000000	69	J	17000	J	30000	J
Fluorene	1000000	390	U	5700	U	970	J
Hexachlorobenzene	NA	390	U	5700	U	5700	U
Indeno(1,2,3-cd)pyrene	11000	45	J	5700		8100	
N-Nitrosodi-n-propylamine	NA	390	U	5700	U	5700	U
Naphthalene	1000000	390	U	5700	U	5700	U
Phenanthrene	1000000	110	J	8600		14000	
Phenol	1000000	390	U	5700	U	5700	U
Pyrene	1000000	56	J	16000		24000	

Notes:

Results reported in micrograms per kilogram (µg/kg)

Only detected compounds shown. Samples analyzed for VOCs by EPA Method OLM04.2

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-In-
 "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	BS-010 10/17/2006 GSBS0601004 FS		BS-011 10/17/2006 GSBS0601101 FS		BS-013 10/18/2006 GSBS0601303 FS		BS-014 10/18/2006 GSBS0601403 FS		BS-015 10/18/2006 GSBS0601506 FS		BS-016 10/18/2006 GSBS0601604 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	13800		5540		5400		17000		11600		12600	
Antimony		NA	0.28	UJ	0.25	UJ	0.24	UJ	0.26	UJ	18.8	JN	0.25	UJN
Arsenic		16	10.3	*NJ	11.3	*NJ	4.8	*NJ	21.7	*NJ	34.4		7.3	
Barium		10000	110	*	68.3	*	27	*	501	*	299		99.4	
Beryllium		2700	0.72	*	0.41	B*	0.33	B*	1.2	*	0.02	U	0.48	B
Cadmium		60	0.02	UNJ	0.01	UNJ	0.83	NJ	5.9	NJ	0.14	U	0.63	
Calcium		NA	38900	*	68900	*	121000	*	11000	*	47100		62200	
Chromium (total)		6800	327	*J	304	*J	13.1	*J	74.2	*J	4190		103	
Cobalt		NA	68.6	*J	108	*J	5.6	*J	34.3	*J	585		34	
Copper		10000	103		156		22.6		32.2		2050	JN	63.2	JN
Iron		NA	28900	*J	29300	*J	9140	*J	52600	*J	186000		19400	
Lead		3900	27.1		38.6		15.8		92.6		508		23.1	
Magnesium		NA	15300	*	33500	*	35000	*	9830	*	23300		33700	
Manganese		10000	799	*	1070	*	939	*	9060	*	7920	*J	1180	*J
Mercury		5.7	0.12	BJ	0.03	BJ	0.005	BJ	0.07	BJ	0.06	B	0.03	B
Nickel		10000	1240	*J	1450	*J	14.5	*J	180	*J	12700	*J	270	*J
Potassium		NA	977		696		1110		1880		902		1390	
Selenium		6800	4.6	J	0.29	UNJ	0.47	UJ	7.1	J	0.3	UJ	0.28	UJ
Silver		6800	0.1	U*	0.09	U*	0.09	U*	0.49	B*J	1.6		0.09	U
Sodium		NA	115	B	153	B	198	B	312	B	327	B	369	B
Thallium		NA	12.7	*NJ	4.1	*NJ	1.7	U*NJ	17.7	U*NJ	89.8	JN	0.17	UJN
Vanadium		NA	78.3		35.7		10.3		51.1		572		48.7	
Zinc		10000	290	*J	162	*J	228	*J	369	*J	490		189	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	BS-017 10/19/2006 GSBS0601703 FS		SS-001 10/9/2006 GSSS0600100 FS		SS-006 10/9/2006 GSSS0600600 FS		SS-011 10/9/2006 GSSS0601100 FS		SS-016 10/10/2006 GSSS0601600 FS		SS-016 10/20/2006 GSSS0611600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	6820		3510	J	4630	J	185	J	3200	J	9780	
Antimony	NA	0.25	UJN	0.23	UJN	0.23	UJN	0.23	UJN	0.23	UJN	4.1	UJN
Arsenic	16	6.1		19.9		38.2		0.19	U	38.2		23.2	
Barium	10000	39.5		67.4		462		1.9	B	124		268	
Beryllium	2700	0.23	B	0.18	U	0.18	U	0.02	U	0.17	U	0.56	B
Cadmium	60	0.2	B	1.3	U	1.3	U	0.01	U	1.2	U	0.57	B
Calcium	NA	83500		99400		19300		1900		15100		16500	
Chromium (total)	6800	391		6830	*NJ	9950	*NJ	31.2	*NJ	6590	*NJ	41.1	
Cobalt	NA	37.6		1800		1050		17.1		1900		15.1	
Copper	10000	111	JN	14800	NJ	3930	NJ	10.8	NJ	7260	NJ	43.3	JN
Iron	NA	17600		99000		167000		2040		204000		52500	
Lead	3900	40.7		167		765		6.3		758		48.1	
Magnesium	NA	43900		54200		8760		1040		8540		3820	
Manganese	10000	1140	*J	67600		16200		41.6		15900		195	*J
Mercury	5.7	0.02	B	0.11		0.03	B	0.001	U	0.04	B	0.03	B
Nickel	10000	603	*J	29900	*NJ	74000	*NJ	82.9	*NJ	54600	*NJ	155	*J
Potassium	NA	1310		744		260	B	52.6	B	215	B	419	B
Selenium	6800	0.28	UJ	22.9	J	11	J	0.56	B	12.5	J	0.3	UJ
Silver	6800	0.11	B	12.3		0.09	U	0.08	U	0.08	U	0.1	U
Sodium	NA	283	B	163	B	440	B	16.1	U	242	B	531	B
Thallium	NA	2.8	JN	15.9	UJ	15.9	UJ	0.15	UJ	1.5	B	0.77	JBN
Vanadium	NA	48.6		81.4		262		1.8	B	628		26.8	
Zinc	10000	184		144		228		13.4		171		46.3	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-020 10/10/2006 GSSS0602000 FS		SS-021 10/20/2006 GSSS0612100 FS		SS-025 10/10/2006 GSSS0602500 FS		SS-026 10/20/2006 GSSS0612600 FS		SS-030 10/10/2006 GSSS0603000 FS		SS-035 10/10/2006 GSSS0603500A FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	7610	J	1410		5650	J	2030		9930	J	2960	J
Antimony		NA	0.24	UJN	9.2	JN	0.25	UJN	2.6	UJN	0.26	UJN	0.23	UJN
Arsenic		16	31.9		43.8		23		52.1		23.1		11.8	
Barium		10000	159		61.7		95.9		91.9		544		32.1	
Beryllium		2700	0.02	U	0.02	U	0.02	U	0.02	U	0.33	B	0.02	B
Cadmium		60	1.3	U	3.6		0.14	U	0.14	U	0.01	U	0.12	U
Calcium		NA	58900		1660		42100		7280		33000		145000	
Chromium (total)		6800	5330	*NJ	1060		2410	*NJ	2070		1360	*NJ	998	*NJ
Cobalt		NA	1260		247		1040		379		1080		192	
Copper		10000	1520	NJ	889	JN	398	NJ	185	JN	568	NJ	147	NJ
Iron		NA	155000		280000		104000		44600		106000		34000	
Lead		3900	1040		164		861		38.5		262		57.9	
Magnesium		NA	36800		1100		18400		870		7350		64100	
Manganese		10000	14600		1910	*J	1830		988	*J	1850		1300	
Mercury		5.7	0.22		0.06	B	0.07	B	0.009	B	0.38		0.01	B
Nickel		10000	33000	*NJ	12000	*J	11900	*NJ	6660	*J	5270	*NJ	3110	*NJ
Potassium		NA	913		315	B	592		402	B	646		1130	
Selenium		6800	12.9	J	10.2	J	10	J	5.4	J	8.9	J	2.6	J
Silver		6800	2.4		1.5	B	0.09	U	1.3		0.09	U	0.08	U
Sodium		NA	329	B	253	B	226	B	216	B	359	B	169	B
Thallium		NA	1.6	UJ	93	JN	45.3	J	131	JN	22.1	J	12.7	J
Vanadium		NA	477		329		127		643		120		61.5	
Zinc		10000	924		173		232		119		355		120	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-040 10/10/2006 GSSS0604000 FS		SS-045 10/11/2006 GSSS0604500 FS		SS-050 10/11/2006 GSSS0605000 FS		SS-055 10/11/2006 GSSS0605500 FS		SS-060 10/11/2006 GSSS0606001 FS		SS-061 10/11/2006 GSSS0606100 FS	
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
Aluminum	NA	3880	J	2840	J	5820	J	3450	J	5900	J	2280	J
Antimony	NA	10	NJ	4.2	JBN	9.6	NJ	8.6	NJ	0.23	UJN	507	NJ
Arsenic	16	67		88.8		53.7		33.9		4.6		51.1	
Barium	10000	88.1		93		415		252		293		74.1	
Beryllium	2700	0.19	U	0.02	U	0.19	U	0.02	U	0.29	B	0.02	U
Cadmium	60	1.4	U	1.3		1.4	U	2		0.01	U	1.2	U
Calcium	NA	35100		5600		13600		6030		32100		7310	
Chromium (total)	6800	20400	*NJ	2630	*NJ	11800	*NJ	3110	*NJ	52.4	*NJ	1100	*NJ
Cobalt	NA	1490		456		1490		755		16		476	
Copper	10000	6720	NJ	626	NJ	1590	NJ	832	NJ	40.3	NJ	973	NJ
Iron	NA	273000		278000		298000		321000		17300		289000	
Lead	3900	240		160		291		319		4.2		5380	
Magnesium	NA	18100		3090	B	4090	B	2240	B	4770		2730	B
Manganese	10000	24700		2110		6360		2260		1850		3210	
Mercury	5.7	0.07	B	0.75		0.02	B	0.06	B	0.006	B	0.01	B
Nickel	10000	66900	*NJ	7960	*NJ	44400	*NJ	12200	*NJ	176	*NJ	22500	*NJ
Potassium	NA	399	B	390	B	770		460	B	1230		270	B
Selenium	6800	9	J	6	J	3.5	J	0.28	UJ	2	J	0.26	UJ
Silver	6800	0.09	U	0.87	U	0.92	U	0.9	U	0.08	U	0.83	U
Sodium	NA	110	B	64.6	B	482	B	139	B	100	B	804	
Thallium	NA	17.3	UJ	48.7	J	69.3	J	42.7	J	1.6	UJ	24.8	J
Vanadium	NA	734		307		510		218		18.2		181	
Zinc	10000	739		148		486		322		27.2		222	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-066 10/12/2006 GSSS0606600 FS		SS-071 10/12/2006 GSSS0607100 FS		SS-076 10/12/2006 GSSS0607600 FS		SS-081 10/12/2006 GSSS0608100 FS		SS-086 10/16/2006 GSSS0608600 FS		SS-087 10/17/2006 GSSS0608700 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	24200	J	28700	J	29500	J	27100	J	3940		9370	
Antimony		NA	0.26	UJN	0.27	UJN	0.46	UJN	1	UJN	6	BJ	4.8	BJ
Arsenic		16	19.8		17.7		20.5		19.4		28.6	*NJ	17.7	*NJ
Barium		10000	1350		471		1870		1340		67.2	*	269	*
Beryllium		2700	0.47	B	0.37	B	0.15	B	0.23	B	0.02	U*	0.33	B*
Cadmium		60	0.01	U	0.14	U	0.15	U	0.15	U	0.13	UNJ	0.01	UNJ
Calcium		NA	98100		115000		105000		98100		124000	*	25500	*
Chromium (total)		6800	1040	*NJ	2320	*NJ	3350	*NJ	3300	*NJ	4600	*J	1140	*J
Cobalt		NA	186		393		846		586		362	*J	133	*J
Copper		10000	848	NJ	975	NJ	1070	NJ	952	NJ	706		331	
Iron		NA	101000		49200		68900		52900		79900	*J	54800	*J
Lead		3900	137		186		155		157		120		200	
Magnesium		NA	38100		51000		35800		31000		63400	*	6170	*
Manganese		10000	3510		5280		5310		5740		3180	*	1660	*
Mercury		5.7	0.03	B	0.07	B	0.05	B	0.13	B	0.08	BJ	0.21	J
Nickel		10000	4070	*NJ	4240	*NJ	7910	*NJ	11600	*NJ	12100	*J	3710	*J
Potassium		NA	1560		1110		1190		1520		495	B	668	
Selenium		6800	6.9	J	6.8	J	8.5	J	8.4	J	10.3	J	9.9	J
Silver		6800	0.09	U	0.15	B	0.5	B	0.52	B	0.09	U*	0.09	U*
Sodium		NA	471	B	414	B	381	B	468	B	254	B	803	
Thallium		NA	1.5	UJ	1.2	UJ	8	J	2.4	BJ	56.6	*NJ	45.6	*NJ
Vanadium		NA	229		437		475		346		249		87.3	
Zinc		10000	239		234		323		321		162	*J	1120	*J

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-087 10/17/2006 GSSS0608701 FS		SS-091 10/17/2006 GSSS0609100 FS		SS-096 10/17/2006 GSSS0609600 FS		SS-101 10/17/2006 GSSS0610100 FS		SS-101 10/17/2006 GSSS0610100XD FD		SS-106 10/19/2006 GSSS0610600 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	8760		7010		13300		24800		23500		12000	
Antimony		NA	0.23	UJ	0.29	UJ	11.1	J	1.3	UJ	6.1	BJ	1.9	UJN
Arsenic		16	4.3	*NJ	31.7	*NJ	24.1	*NJ	19.7	*NJ	19.3	*NJ	8	
Barium		10000	88.3	*	112	*	547	*	817	*	1100	*	78.8	
Beryllium		2700	0.31	B*	0.25	B*	0.02	U*	0.28	B*	0.02	U*	0.57	B
Cadmium		60	0.01	UNJ	0.13	UNJ	0.15	UNJ	1.5	UNJ	0.15	UNJ	1.6	
Calcium		NA	5320	*	44500	*	45100	*	41600	*	50600	*	37500	
Chromium (total)		6800	96.8	*J	1170	*J	3920	*J	2520	*J	3600	*J	208	
Cobalt		NA	83.2	*J	318	*J	874	*J	746	*J	686	*J	29.5	
Copper		10000	89.1		277		9270		2460		3120		160	JN
Iron		NA	17100	*J	86000	*J	61100	*J	55600	*J	56000	*J	72100	
Lead		3900	22.4		128		726		418		353		158	
Magnesium		NA	4150	*	13400	*	23400	*	17300	*	21000	*	17500	
Manganese		10000	1250	*	1780	*	38400	*	7850	*	10500	*	815	*J
Mercury		5.7	0.04	BJ	0.1	BJ	0.21	J	0.62	J	0.79	J	0.08	B
Nickel		10000	354	*J	3750	*J	18000	*J	7340	*J	12000	*J	423	*J
Potassium		NA	565		907		314	B	1350		1360		1860	
Selenium		6800	2		11.3	J	24.4	J	6	NJ	12.1	J	0.29	UJ
Silver		6800	0.09	U*	0.09	U*	10.1	*J	2.3	*J	2.7	*J	0.09	U
Sodium		NA	202	B	325	B	222	B	232	B	269	B	109	B
Thallium		NA	1.6	U*N	58.8	*NJ	18.4	U*NJ	9.9	*NJ	1.9	U*NJ	9.6	JN
Vanadium		NA	21		233		655		413		422		47.8	
Zinc		10000	103	*J	229	*J	517	*J	336	*J	310	*J	355	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

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Qualifiers:

U = Not detected at a concentration greater than the reporting limit

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E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-111 10/19/2006 GSSS0611100 FS		SS-135 10/24/2006 GSSS0613500 FS		SS-140 10/24/2006 GSSS0614000 FS		SS-145 10/24/2006 GSSS0614500 FS		SS-150 10/25/2006 GSSS0615000 FS		SS-155 10/25/2006 GSSS0615500 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	1890		14700		15300		4390		3290		2530	
Antimony		NA	124	JN	20	JN	48.1	JN	0.33	UJN	54.9	JN	0.74	UJN
Arsenic		16	17.7		38.5		29.7		42.3		27.1		3.9	JE*
Barium		10000	293		194		85		182		90.7		27.8	
Beryllium		2700	0.02	U	0.06	B	0.02	U	0.19	U	0.05	B	0.02	B
Cadmium		60	0.13	U	3.9		0.13	U	1.4	U	0.13	U	0.01	UJE
Calcium		NA	9480		31600		41600		39100		52100		16600	
Chromium (total)		6800	1190		2250		4110		9960		1620		488	
Cobalt		NA	282		933		432		812		1880		227	JN
Copper		10000	1090	JN	1130	JN	1010	JN	4470	JN	3360	JN	483	
Iron		NA	157000		183000		135000		129000		137000		22600	
Lead		3900	894		508		444		305		1540		59.1	
Magnesium		NA	3340		15000		14600		17000		26700		9020	
Manganese		10000	2640	*J	8440	*J	5010	*J	12000	*J	2390	*J	1580	
Mercury		5.7	0.03	B	1.6		1.2		0.5		0.06	B	0.02	UN
Nickel		10000	9470	*J	8470	*J	16500	*J	38100	*J	11100	*J	2000	
Potassium		NA	281	B	810		2140		433	B	423	B	340	B
Selenium		6800	7.1	B	0.28	UJ	0.28	UJ	2.2	J	4	J	2.1	J
Silver		6800	0.09	U	1.1	B	0.4	B	2.6		0.8	B	0.29	B
Sodium		NA	101	B	678		3910		150	B	132	B	55.5	B
Thallium		NA	38.5	JN	59.5	JN	46.3	JN	61.5	JN	101	JN	2	UJ
Vanadium		NA	339		121		210		521		422		50	JN
Zinc		10000	273		822		406		1580		305		98.5	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

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FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

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E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-B01 10/5/2006 GSSS06B0100 FS		SS-B02 10/5/2006 GSSS06B0200 FS		SS-B03 10/5/2006 GSSS06B0300 FS		SS-B04 10/5/2006 GSSS06B0400 FS		SS-B04 10/5/2006 GSSS06B0400XD FD		SS-B05 10/5/2006 GSSS06B0500 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	9880		9190		16200		11700		10900		9130	
Antimony		NA	2.1	BNJ	5.9	BNJ	0.33	UNJ	0.32	UNJ	0.32	UNJ	0.3	UNJ
Arsenic		16	15.1	*	20	*	20.4	*	25.5	*	23.4	*	17.3	*
Barium		10000	179		203		206		219		205		94.3	
Beryllium		2700	0.69		0.62	B	1		0.88		0.82		0.63	B
Cadmium		60	1.1		0.92		1.6		2.6		2.4		0.64	B
Calcium		NA	77300		75800		52900		89600		85300		76400	
Chromium (total)		6800	271		410		118		157		152		243	
Cobalt		NA	112	EJ	174	EJ	27.1	EJ	35.4	EJ	33.1	EJ	48.9	EJ
Copper		10000	835		1430		111		158		149		144	
Iron		NA	40400		43900		54500		45700		48000		27700	
Lead		3900	276	EJ	470	EJ	78.8	EJ	94	EJ	88.6	EJ	110	EJ
Magnesium		NA	34600		37200		26500		44400		41300		34800	
Manganese		10000	9890		11100		13300		14800		13900		2870	
Mercury		5.7	0.25		0.25		0.23		0.25		0.24		0.15	
Nickel		10000	742		1090		309		457		433		732	
Potassium		NA	1080		1280		1480		1630		1460		2090	
Selenium		6800	4		5.5		4.3		4.9		5.3		2.1	
Silver		6800	1.7		2.3		1.9		2.4		2.3		0.41	B
Sodium		NA	91.7	B	98	B	67.4	B	95.8	B	92.6	B	105	B
Thallium		NA	10.1	U	11.1	U	11.2	U	10.9	U	11	U	10.3	U
Vanadium		NA	53.6		75.9		37.4		31.4		29.5		33.8	
Zinc		10000	215	EJ	281	EJ	239	EJ	412	EJ	383	EJ	223	EJ

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

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Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-B06 10/5/2006 GSSS06B0600 FS		SS-B07 10/5/2006 GSSS06B0700 FS		SS-B08 10/5/2006 GSSS06B0800 FS		SS-B09 10/5/2006 GSSS06B0900 FS		SS-B10 10/5/2006 GSSS06B1000 FS		SS-B11 10/26/2006 GSSS06B1100 FS	
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
Aluminum	NA	5350		3140		3770		4980		9240		10100	
Antimony	NA	0.25	UNJ	1.5	BNJ	1.6	BNJ	1.9	BNJ	0.83	BNJ	0.28	UJ*N
Arsenic	16	11.6	*	8.6	*	9.9	*	14	*	25	*	6.9	*EJ
Barium	10000	139		137		136		110		205		72.9	*
Beryllium	2700	0.52	B	0.13	B	0.15	B	0.17	B	0.52	B	0.52	B
Cadmium	60	0.01	U	0.01	U	0.01	U	0.01	U	0.34	B	1.2	EJ
Calcium	NA	20600		69100		33900		25600		29800		120000	
Chromium (total)	6800	229		560		622		912		885		36.1	
Cobalt	NA	63.4	EJ	197	EJ	436	EJ	503	EJ	327	EJ	5.2	BJN
Copper	10000	90.3		265		486		546		414		44.8	
Iron	NA	36500		24000		31600		50300		56200		18700	
Lead	3900	128	EJ	513	EJ	411	EJ	407	EJ	812	EJ	104	*
Magnesium	NA	7830		31400		16300		12500		15000		58200	
Manganese	10000	505		959		2040		3700		2050		1220	
Mercury	5.7	0.06	B	0.07	B	0.1	B	0.24		0.32		0.1	BJN
Nickel	10000	725		2140		3200		4040		3790		41	
Potassium	NA	487	B	524	B	525	B	495	B	1000		1450	
Selenium	6800	1.6		1.7		3.1		4.1		4.4		0.32	UJ
Silver	6800	0.09	U	0.09	U	0.39	B	0.53	B	0.24	B	0.13	B
Sodium	NA	360	B	220	B	149	B	219	B	243	B	167	B
Thallium	NA	6.5		8.1		16.9		21.6		28.4		1.9	UJ
Vanadium	NA	26.1		35.7		71.8		89.1		73.7		19.8	NJ
Zinc	10000	246	EJ	491	EJ	279	EJ	274	EJ	1780	EJ	344	

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

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Qualifiers:

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* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	SS-B12 10/26/2006 GSSS06B1200 FS		SS-B13 10/26/2006 GSSS06B1300 FS		SS-B14 10/26/2006 GSSS06B1400 FS		SS-B15 10/26/2006 GSSS06B1500 FS		TP-001 10/18/2006 GSTP0600102 FS		TP-002 10/18/2006 GSTP0600203 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	11800		5210		22300		14900		33400		30200	
Antimony		NA	2.1	UJ*N	0.25	UJ*N	0.33	UJ*N	0.33	UJ*N	0.27	UJ	0.27	UJ
Arsenic		16	12	*EJ	9	*EJ	5.5	*EJ	6.2	*EJ	24.6	*NJ	21.8	*NJ
Barium		10000	619	*	35.8	*	118	*	158	*	454	*	622	*
Beryllium		2700	0.6	B	0.33	B	1		0.69	B	0.33	B*	0.32	B*
Cadmium		60	5.6	EJ	1.6	EJ	3.4	EJ	3.7	EJ	0.14	UNJ	0.01	UNJ
Calcium		NA	78000		171000		35100		109000		124000	*	120000	*
Chromium (total)		6800	87.3		60		33.2		21.3		1820	*J	1850	*J
Cobalt		NA	17.7	NJ	5.2	BJN	6.5	BJN	6.4	BNJ	511	*J	562	*J
Copper		10000	180		55.1		25.9		9.3	U	8320		1490	
Iron		NA	30300		12600		25700		24100		45300	*J	38600	*J
Lead		3900	2130	*	72.2	*	57.6	*	41.7	*	348		428	
Magnesium		NA	39600		89300		19700		61300		69800	*	75100	*
Manganese		10000	8480		991		311		1210		4360	*	6590	*
Mercury		5.7	0.62	NJ	0.05	BJN	0.15	NJ	0.11	BJN	0.09	BJ	0.05	BJ
Nickel		10000	117		19		33.6		17.1		4790	*J	5450	*J
Potassium		NA	1780		1620		2450		1580		728		1320	
Selenium		6800	1.2	UJ	0.29	UJ	0.47	UJ	0.37	UJ	8.5	J	11	J
Silver		6800	2.9		0.29	B	0.12	U	0.12	U	1.7	*J	2.9	*J
Sodium		NA	161	B	220	B	157	B	238	B	679		472	B
Thallium		NA	19.7	UJ	3.3	UJ	0.22	UJ	2.2	UJ	31.1	*NJ	27.8	*NJ
Vanadium		NA	27.5	NJ	26.1	NJ	35.6	NJ	25	NJ	556		479	
Zinc		10000	1800		440		1430		1330		350	*J	855	*J

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

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* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	TP-003 10/18/2006 GSTP0600302 FS		TP-004 10/18/2006 GSTP0600404 FS		TP-006 10/18/2006 GSTP0600604 FS		TP-007 10/18/2006 GSTP0600704 FS		TP-008 10/18/2006 GSTP0600806 FS		TP-009 10/18/2006 GSTP0600902 FS		
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum		NA	17400		18000		7650		9590		32900		23300	
Antimony		NA	0.67	UJ	0.28	UJ	30.5	J	18.7	J	204	NJ	0.27	UNJ
Arsenic		16	26.8	*NJ	12.9	*NJ	68.9	*NJ	50.3	*NJ	44.6	*NJ	29.7	*NJ
Barium		10000	405	*	221	*	333	*	310	*	676		754	
Beryllium		2700	0.02	U*	0.62	B*	0.2	U*	0.21	U*	0.08	B	0.02	U
Cadmium		60	0.13	UNJ	0.15	UNJ	1.4	UNJ	0.15	UNJ	0.14	UNJ	0.15	UNJ
Calcium		NA	57600	*	10700	*	29100	*	41900	*	133000		78800	
Chromium (total)		6800	3880	*J	744	*J	23300	*J	11000	*J	3070	*J	7500	*J
Cobalt		NA	965	*J	145	*J	1200	*J	1010	*J	290	*J	520	*J
Copper		10000	1200		1460		18100		1380		1380	*J	1100	*J
Iron		NA	55400	*J	42300	*J	187000	*J	116000	*J	72000	*	71500	*
Lead		3900	266		258		218		434		1380	*	205	*
Magnesium		NA	15600	*	11900	*	9910	*	104000	*	57300	*J	25300	*J
Manganese		10000	7460	*	6810	*	62000	*	3980	*	7880	*	4860	*
Mercury		5.7	0.16	J	0.09	BJ	0.03	BJ	0.06	BJ	0.09	BJ	0.05	BJ
Nickel		10000	16700	*J	3350	*J	7130	*NJ	12800	*J	5210	*J	19100	*J
Potassium		NA	454	B	1630		327	B	582	B	1250		904	
Selenium		6800	13.2	J	9.5	J	31.5	J	10.2	J	11.3	*J	7.6	*J
Silver		6800	2.1	*J	0.91	B*J	11.2	*J	2.7	*J	0.79	B	0.58	B
Sodium		NA	752		353	B	159	B	428	B	381	B	711	
Thallium		NA	35.4	*NJ	5.2	*NJ	17.5	U*NJ	64	*NJ	5.9	NJ	26	NJ
Vanadium		NA	540		185		1150		388		1620		581	
Zinc		10000	266	*J	566	*J	147	*J	580	*J	200	NJ	295	NJ

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	TP-010 10/18/2006 GSTP0601004 FS		TP-011 10/18/2006 GSTP0601104 FS		TP-012 10/19/2006 GSTP0601203 FS		TP-013 10/19/2006 GSTP0601303 FS		TP-014 10/19/2006 GSTP0601402 FS		TP-015 10/19/2006 GSTP0601502 FS	
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
Aluminum	NA	31400		35700		4060		16100		4180		4350	
Antimony	NA	1.5	UJN	0.27	UJN	0.26	UJN	0.28	UJN	0.26	UJN	0.24	UJN
Arsenic	16	16	*NJ	25.9	*NJ	29.2	*NJ	14.4	*NJ	8.5	*NJ	2.7	*NJ
Barium	10000	740		487		79.4		126		27		34.3	
Beryllium	2700	0.6	B	0.02	U	0.02	U	0.7		0.24	B	0.24	B
Cadmium	60	0.14	UJN	0.14	UJN	1.4	UJN	1	NJ	0.48	BNJ	0.01	UJN
Calcium	NA	134000		124000		5830	B	18900		149000		69100	
Chromium (total)	6800	1890	*J	7040	*J	4810	*J	167	*J	218	*J	6.7	*J
Cobalt	NA	305	*J	140	*J	481	*J	30.5	*J	33.4	*J	8.7	*J
Copper	10000	950	*J	301	*J	487	*J	122	*J	73.2	*J	19.1	*J
Iron	NA	34000	*	31900	*	159000	*	73100	*	25100	*	11500	*
Lead	3900	158	*	73.3	*	78.5	*	110	*	52.8	*	3.8	*
Magnesium	NA	93700	*J	91000	*J	2060	*J	11100	*J	80900	*J	10100	*J
Manganese	10000	5770	*	6120	*	2270	*	790	*	966	*	427	*
Mercury	5.7	0.15	J	0.15	J	0.1	BJ	0.08	BJ	0.16	J	0.004	U
Nickel	10000	4450	*J	3690	*J	16000	*J	1500	*J	700	*J	134	*J
Potassium	NA	1140		796		296	B	1730		1330		957	
Selenium	6800	5.8	*J	12.4	*J	12.2	*J	5.7	*J	1.2	B*J	0.99	B*J
Silver	6800	0.44	B	0.79	B	0.1	U	0.1	U	0.09	U	0.09	U
Sodium	NA	626		689		173	B	141	B	180	B	97.4	B
Thallium	NA	1.8	UJN	1.8	UJN	64.7	NJ	10.7	NJ	1.6	BNJ	1.7	UJN
Vanadium	NA	413		491		138		46.1		15.4		11.5	
Zinc	10000	254	NJ	137	NJ	74.5	NJ	856	NJ	203	NJ	19.3	NJ

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.4: Soil Metals Results

Parameter	Location Sample Date Sample ID Qc Code	TP-016 10/19/2006 GSTP0601602 FS		TP-017 10/19/2006 GSTP0601704 FS		TP-018 10/19/2006 GSTP0601801 FS		TP-018 10/19/2006 GSTP0601801XD FD		TP-019 10/19/2006 GSTP0601901 FS		TP-020 10/19/2006 GSTP0602001 FS	
		Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
Aluminum	NA	2850		10400		3060	J	6440	J	2550		2900	
Antimony	NA	61	NJ	0.26	UJN	0.25	UJN	0.25	UNJ	0.22	UJN	0.7	UJN
Arsenic	16	44.7	*NJ	7.2	*NJ	7.5	*NJ	11.9	*NJ	8	*NJ	417	*NJ
Barium	10000	1420		41.1		26.6	J	46.1	J	11.3	B	86.8	
Beryllium	2700	0.31	B	0.51	B	0.03	B	0.13	B	0.2	B	0.1	B
Cadmium	60	7.7	NJ	0.44	BNJ	0.13	UJN	0.13	UJN	0.83	NJ	0.06	UJN
Calcium	NA	8340		67900		12200	J	8070	J	217000		1270	B
Chromium (total)	6800	411	*J	16.8	*J	428	*J	536	*J	5.4	*J	471	*J
Cobalt	NA	133	*J	7.4	*J	1000	*J	4810	*J	9.7	*J	60.4	*J
Copper	10000	430	*J	46	*J	243	*J	1540	*J	4.3	U	216	*J
Iron	NA	259000	*	35500	*	41900	*J	67900	*J	9230	*	195000	*
Lead	3900	1950	*	16.4	*	170	*J	384	*J	17.5	*	253	*
Magnesium	NA	1470	*J	14600	*J	6680	*J	3440	*J	83400	*J	598	BJ*
Manganese	10000	2050	*	782	*	283	*J	411	*J	806	*	465	*
Mercury	5.7	0.72		0.05	BJ	0.18	J	0.14	J	0.005	U	0.6	
Nickel	10000	1460	*J	52.9	*J	2740	*J	8150	*J	16.7	*J	2470	*J
Potassium	NA	349	B	1890		206	B	287	B	1460		823	
Selenium	6800	5.5	*J	2.1	*J	4.7	*J	7.3	*J	0.25	U*	13.9	*J
Silver	6800	0.92	U	0.1	U	0.09	U	0.09	U	0.17	B	0.53	U
Sodium	NA	101	B	92.4	B	73.6	B	112	B	187	B	60	B
Thallium	NA	6.3	NJ	0.54	UJN	18.7	NJ	22.3	NJ	0.15	UJN	37.6	NJ
Vanadium	NA	43.5		21.1		47.3	J	68.9	J	4.9	B	101	
Zinc	10000	320	NJ	122	NJ	109	NJ	220	NJ	213	NJ	175	NJ

Notes:

Results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial, "Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Highlighted results exceed criteria

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	BS-011 10/17/2006 GSBS0601101 FS		BS-013 10/18/2006 GSBS0601303 FS		BS-014 10/18/2006 GSBS0601403 FS		BS-015 10/18/2006 GSBS0601506 FS		BS-016 10/18/2006 GSBS0601604 FS		BS-017 10/19/2006 GSBS0601703 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000	4	U	3.7	U	4.1	U	4.1	UJ	3.9	UJ	3.8	UJ
Aroclor-1248	25000	40	U	37	U	41	U	41	U	39	U	38	U
Aroclor-1254	25000	40	U	37	U	41	U	150	PJ	39	U	38	U
Aroclor-1260	25000	40	U	37	U	41	U	41	U	39	U	38	U
Dieldrin	2800	4	U	3.7	U	4.1	U	4.1	UJ	3.9	UJ	3.8	UJ
Heptachlor epoxide	29000	2	U	1.8	U	2	U	2.1	UJ	2	UJ	1.9	UJ

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Industrial,

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-001 10/9/2006 GSSS0600100 FS		SS-006 10/9/2006 GSSS0600600 FS		SS-011 10/9/2006 GSSS0601100 FS		SS-016 10/10/2006 GSSS0601600 FS		SS-016 10/20/2006 GSSS0611600 FS		SS-020 10/10/2006 GSSS0602000 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000	3.7	UJ	3.7	UJ	3.5	UJ	3.6	UJ	4	UJ	3.7	UJ
Aroclor-1248	25000	37	U	37	U	35	U	36	U	40	U	37	U
Aroclor-1254	25000	37	U	37	U	35	U	36	U	40	U	37	U
Aroclor-1260	25000	37	U	37	U	35	U	36	U	40	U	37	U
Dieldrin	2800	3.7	U	3.7	U	3.5	U	3.6	U	4	UJ	3.7	U
Heptachlor epoxide	29000	1.8	U	1.8	U	1.7	U	1.8	U	2	UJ	1.8	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-021 10/20/2006 GSSS0612100 FS		SS-025 10/10/2006 GSSS0602500 FS		SS-026 10/20/2006 GSSS0612600 FS		SS-030 10/10/2006 GSSS0603000 FS		SS-035 10/10/2006 GSSS0603500A FS		SS-040 10/10/2006 GSSS0604000 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000	3.4	J	3.8	UJ	4	UJ	4	UJ	3.5	UJ	19	
Aroclor-1248	25000	34	U	38	U	40	U	40	U	35	U	39	U
Aroclor-1254	25000	34	U	280	J	40	U	40	U	35		39	U
Aroclor-1260	25000	34	U	38	U	40	U	40	U	35	U	39	U
Dieldrin	2800	3.4	UJ	3.8	U	0.97	J	4	U	3.5	U	2.9	J
Heptachlor epoxide	29000	1.7	UJ	1.9	U	2	UJ	3.7	J	1.8	U	2	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-045 10/11/2006 GSSS0604500 FS		SS-050 10/11/2006 GSSS0605000 FS		SS-055 10/11/2006 GSSS0605500 FS		SS-060 10/11/2006 GSSS0606001 FS		SS-061 10/11/2006 GSSS0606100 FS		SS-086 10/16/2006 GSSS0608600 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000	3.8	UJ	3.9	UJ	3.8	UJ	3.6	UJ	3.6	UJ	3.6	U
Aroclor-1248	25000	38	U	39	U	38	U	36	U	36	U	36	U
Aroclor-1254	25000	38	U	39	U	38	U	36	U	36	U	130	PJ
Aroclor-1260	25000	38	U	39	U	38	U	36	U	36	U	36	U
Dieldrin	2800	3.8	U	3.9	U	3.8	U	3.6	U	3.6	U	3.6	U
Heptachlor epoxide	29000	1.9	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-091 10/17/2006 GSSS0609100 FS		SS-096 10/17/2006 GSSS0609600 FS		SS-101 10/17/2006 GSSS0610100 FS		SS-101 10/17/2006 GSSS0610100XD FD		SS-106 10/19/2006 GSSS0610600 FS		SS-111 10/19/2006 GSSS0611100 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
		4,4'-DDT	94000	3.8	U	4.1	U	4.4	U	4.4	U	4.1	UJ
Aroclor-1248	25000	38	U	41	U	44	U	44	U	41	U	36	U
Aroclor-1254	25000	38	U	1800		350	J	1400	J	41	U	1800	J
Aroclor-1260	25000	38	U	41	U	44	U	44	U	41	U	36	U
Dieldrin	2800	3.8	U	4.1	U	4.4	U	4.4	U	4.1	UJ	3.6	UJ
Heptachlor epoxide	29000	1.9	U	2	U	2.2	U	2.2	U	2	UJ	1.8	UJ

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-135 10/24/2006 GSSS0613500 FS		SS-140 10/24/2006 GSSS0614000 FS		SS-145 10/24/2006 GSSS0614500 FS		SS-150 10/25/2006 GSSS0615000 FS		SS-151 10/25/2006 GSSS0615100 FS		SS-152 10/25/2006 GSSS0615200 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000	3.8	UJ	3.8	UJ	3.9	UJ	3.7	UJ				
Aroclor-1248	25000	38	U	38	U	39	U	37	U	38	U	36	U
Aroclor-1254	25000	440	PJ	300		2600		1500		38	U	210	J
Aroclor-1260	25000	38	U	38	U	39	U	2500		180	J	36	U
Dieldrin	2800	3.8	UJ	3.8	UJ	3.9	UJ	3.7	UJ				
Heptachlor epoxide	29000	1.9	UJ	1.9	UJ	2	UJ	1.9	UJ				

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SS-153 10/25/2006 GSSS0615300 FS		SS-154 10/25/2006 GSSS0615400 FS		SS-155 10/25/2006 GSSS061550 FS		SS-157 10/25/2006 GSSS0615700 FS		TP-001 10/18/2006 GSTP0600102 FS		TP-003 10/18/2006 GSTP0600302 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000					4	UJ			4.2	U	3.9	U
Aroclor-1248	25000	2300	U	780	U	40	U	250	U	550		39	U
Aroclor-1254	25000	2300	U	780	U	130	PJ	250	U	280	PJ	100	J
Aroclor-1260	25000	22000		5200		520		830	J	42	U	39	U
Dieldrin	2800					4	UJ			4.2	U	3.9	U
Heptachlor epoxide	29000					2	UJ			2.1	U	2	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

"Remedial Program Soil Clean-up Objectives" (NYSDEC, 2006)

Table 3.5: Soil Pesticide/PCB Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	TP-004 10/18/2006 GSTP0600404 FS		TP-018 10/19/2006 GSTP0601801 FS		TP-018 10/19/2006 GSTP0601801XD FD	
		Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDT	94000	4.4	U	3.8	U	3.8	U
Aroclor-1248	25000	290		38	U	38	U
Aroclor-1254	25000	44	U	1600	J	890	PJ
Aroclor-1260	25000	44	U	38	U	38	U
Dieldrin	2800	4.4	U	3.8	U	3.8	U
Heptachlor epoxide	29000	2.2	U	1.9	U	1.9	U

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples

analyzed for Pesticides and PCBs by EPA Method

OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Criteria = Values from Subpart 375-6.8(b) Restricted Use Soil Cleanup-Inc

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Table 3.6: Sediment VOC/SVOC Results

Parameter	Location	SD-001		SD-002		SD-002		SD-003		SD-004		SD-006		
	Sample Date	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/19/2006	10/19/2006	10/24/2006	10/24/2006	10/24/2006	
	Sample ID	GSSD0600100	GSSD0600200	GSSD0600200	GSSD0600200XD	GSSD0600300	GSSD0600400	GSSD0600600	GSSD0600600	GSSD0600600	GSSD0600600	GSSD0600600	GSSD0600600	
	Qc Code	FS	FS	FD	FS	FS	FS	FS	FS	FS	FS	FS	FS	
	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC														
1,1,1-Trichloroethane	16	U	17	U	18	U	18	U	17	U	15	U		
1,1-Dichloroethane	16	U	17	U	18	U	18	U	17	U	15	U		
2-Butanone	16	U	7	J	18	U	6	J	17	U	15	U		
Acetic acid, methyl ester	16	U	17	U	18	U	5	J	17	U	15	U		
Acetone	16	U	36		50		31		17	U	15	U		
Methylene chloride	16	U	17	U	18	U	18	U	17	U	15	U		
Tetrachloroethene	16	U	17	U	18	U	18	U	17	U	15	U		
Trichloroethene	16	U	17	U	18	U	18	U	17	U	15	U		
SVOC														
2-Methylnaphthalene	1600	U	560	U	600	U	600	U	560	U	1500	J		
Acetophenone	1600	U	560	U	600	U	62	J	560	U	15000	U		
Benzo(a)anthracene	1,600	U	560	U	600	U	600	U	560	U	15,000	U		
Benzo(a)pyrene	1600	U	560	U	600	U	600	U	560	U	15000	U		
Benzo(b)fluoranthene	1600	U	560	U	600	U	75	J	560	U	15000	U		
Benzo(ghi)perylene	1600	U	560	U	600	U	600	U	560	U	15000	U		
Benzo(k)fluoranthene	1600	U	560	U	600	U	600	U	560	U	15000	U		
Bis(2-Ethylhexyl)phthalate	1600	U	560	U	600	U	600	U	560	U	15000	U		
Chrysene	1600	U	560	U	600	U	68	J	560	U	15000	U		
Dibenz(a,h)anthracene	1600	U	560	U	600	U	600	U	560	U	15000	U		
Fluoranthene	1600	U	70	J	62	J	160	J	98	J	2000	J		
Indeno(1,2,3-cd)pyrene	1600	U	560	U	600	U	600	U	560	U	15000	U		
Phenanthrene	1600	U	560	U	600	U	76	J	560	U	3700	J		
Pyrene	1600	U	560	U	600	U	68	J	560	U	15000	U		

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC and SVOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Table 3.6: Sediment VOC/SVOC Results

Parameter	Location	SD-007		SD-009		SD-012		SD-014	
	Sample Date	10/24/2006		10/24/2006		10/25/2006		10/25/2006	
	Sample ID	GSSD0600700		GSSD0600900		GSSD0601200		GSSD0601400	
	Qc Code	FS		FS		FS		FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC									
1,1,1-Trichloroethane		3	J	5	J	19		13	UJ
1,1-Dichloroethane		3	J	3	J	2	J	13	UJ
2-Butanone		13	U	13	U	16	U	13	UJ
Acetic acid, methyl ester		13	U	13	U	16	U	13	UJ
Acetone		13	U	13	U	16	U	13	UJ
Methylene chloride		13	U	13	U	2	J	13	UJ
Tetrachloroethene		25		13	U	16	U	13	UJ
Trichloroethene		8	J	3	J	16	U	13	UJ
SVOC									
2-Methylnaphthalene		4500	U	4200	U	8200	U	2100	UJ
Acetophenone		4500	U	4200	U	8200	U	2100	UJ
Benzo(a)anthracene		1,100	J	3,400	J	1,500	J	500	J
Benzo(a)pyrene		780	J	4400		1800	J	430	J
Benzo(b)fluoranthene		1000	J	2900	J	1600	J	470	J
Benzo(ghi)perylene		820	J	3400	J	3800	J	580	J
Benzo(k)fluoranthene		850	J	2000	J	1000	J	380	J
Bis(2-Ethylhexyl)phthalate		2700	J	4200	U	8200	U	2100	UJ
Chrysene		1500	J	4900		2600	J	640	J
Dibenz(a,h)anthracene		4500	U	1200	J	880	J	2100	UJ
Fluoranthene		1500	J	1400	J	1600	J	760	J
Indeno(1,2,3-cd)pyrene		730	J	2300	J	2000	J	470	J
Phenanthrene		4500	U	510	J	1200	J	520	J
Pyrene		1100	J	3300	J	2400	J	940	J

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for VOC and SVOC by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

Table 3.7: Sediment Metals/TOC Results

Parameter	Location	SD-001		SD-002		SD-002		SD-003		SD-004		SD-006		SD-007		SD-009	
	Sample Date	10/18/2006	10/18/2006		10/18/2006		10/18/2006		10/19/2006		10/24/2006		10/24/2006		10/24/2006		
Sample ID	GSSD0600100	GSSD0600200		GSSD0600200XD		GSSD0600300		GSSD0600400		GSSD0600600		GSSD0600700		GSSD0600900			
Qc Code	FS	FS		FD		FS		FS		FS		FS		FS			
Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
Metals																	
Aluminum	19600		18700		21600		28800		24400		8070		3860		1570		
Antimony	8.2	BJ	0.37	UJN	1.1	UJN	0.38	UJN	0.36	UJN	44.3	JN	29.8	JN	527	JN	
Arsenic	29.3	*NJ	6.2		5.8		17.4		8.8		46.8		54.6		64.1		
Barium	5190	*	142	J	309	J	1390		177		184		61.4		50.9		
Beryllium	0.03	U*	0.79	B	0.86		1.6		1		0.02	U	0.02	U	0.02	U	
Cadmium	0.18	UNJ	0.72	B	0.58	B	10.4		1.7		0.17	U	1.6	U	5.4		
Calcium	29800	*	7060		7990		28100		13900		48100		44600		4040		
Chromium (total)	5980	*J	144		164		301		33.2		9520		10100		1460		
Cobalt	574	*J	19.8	J	34.2	J	234		10.3		1060		623		289		
Copper	1050		62.5	JN	135	JN	155	JN	21.2	JN	1450	JN	2730	JN	1610	JN	
Iron	63600	*J	23300		25500		63300		35300		295000		153000		294000		
Lead	273		40.6	J	62.6	J	63.6		44		638		1020		3570		
Magnesium	10600	*	8240		9380		17200		11000		18100		8900		1900		
Manganese	2340	*	717	*J	272	*J	33400	*J	977	*J	9980	*J	6480	*J	2320	*J	
Mercury	0.58	J	0.11	B	0.12	B	0.18		0.09	B	0.4		0.15		0.09	B	
Nickel	19900	*J	396	*J	434	*J	760	*J	27	*J	30900	*J	31200	*J	7330	*J	
Potassium	2180		1760		2190		1850		2450		1660		334	B	199	B	
Selenium	9.7	J	1.1	B	1.6	B	6.7	J	0.89	B	16.4	J	11.3	J	19.2	J	
Silver	0.62	B*J	0.14	U	0.14	U	5.3		0.13	U	0.61	B	1.4		1.4	B	
Sodium	294	B	121	B	132	B	184	B	474	B	1450		130	B	126	B	
Thallium	44.4	*NJ	0.25	UJN	3.6	JN	26	UJN	0.24	UJN	85.5	JN	185	JN	124	JN	
Vanadium	452		40.8	J	62.7	J	93.4		40.9		297		940		372		
Zinc	376	*J	263		314		275		384		1770		849		271		
TOC																	
Total Organic Carbon	48300		40800		41700		36200		53500		60700		26400		18400		

Notes:

Metals and TOC results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM04.1

Samples analyzed for TOC by the Lloyd Kahn Method

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Table 3.7: Sediment Metals/TOC Results

Parameter	Location	SD-012		SD-014	
	Sample Date	10/25/2006		10/25/2006	
	Sample ID	GSSD0601200		GSSD0601400	
	Qc Code	FS		FS	
		Result	Qualifier	Result	Qualifier
Metals					
Aluminum		5880		3350	
Antimony		19.4	*NJ	0.27	UJ*N
Arsenic		31.3	*EJ	23.8	*EJ
Barium		255	*	206	*
Beryllium		0.18	B	0.02	UJ
Cadmium		11.7	EJ	3.9	EJ
Calcium		21000		14700	
Chromium (total)		1120		884	
Cobalt		291	NJ	185	NJ
Copper		2320		944	
Iron		220000		228000	
Lead		8290	*	572	*
Magnesium		7340		7110	
Manganese		1850		1470	
Mercury		1.2	NJ	0.1	BJN
Nickel		4110		3820	
Potassium		718	B	574	B
Selenium		0.55	UJ	11.1	B
Silver		0.13	U	0.99	UJ
Sodium		192	B	98.7	B
Thallium		97	J	83.4	J
Vanadium		254	NJ	259	JN
Zinc		2820		481	
TOC					
Total Organic Carbon		117000		43200	

Notes:

Metals and TOC results reported in milligrams per kilogram (mg/kg)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM04.1

Samples analyzed for TOC by the Lloyd Kahn Method

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

B = Reported result fell above the MDL but below the RL

N = Matrix spike recovery associated with the sample was outside of QC limits

E = The serial dilution percent difference was greater than control limit

* = The duplicate sample analysis for the analyte is greater than control limit

Table 3.8: Sediment Pesticide/PCB Results

Parameter	Location	SD-001		SD-002		SD-002		SD-003		SD-004		SD-006	
	Sample Date	10/18/2006		10/18/2006		10/18/2006		10/18/2006		10/19/2006		10/24/2006	
	Sample ID	GSSD0600100		GSSD0600200		GSSD0600200XD		GSSD0600300		GSSD0600400		GSSD0600600	
Qc Code	FS		FS		FD		FS		FS		FS		
	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
4,4' -DDT	5.2	U	5.6	UJ	5.9	UJ	5.9	UJ	5.7	UJ	5	UJ	
alpha-Chlordane	2.6	U	2.8	UJ	3	UJ	3	UJ	2.8	UJ	2.5	UJ	
Aroclor-1254	2100		56	U	59	U	59	U	57	U	1000		
Gamma-Chlordane	2.6	U	2.8	UJ	3	UJ	3	UJ	2.8	UJ	2.5	UJ	

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for Pesticides and PCBs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Table 3.8: Sediment Pesticide/PCB Results

Parameter	Location	SD-007		SD-009		SD-012		SD-014	
	Sample Date	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
	Sample ID	GSSD0600700		GSSD0600900		GSSD0601200		GSSD0601400	
	Qc Code	FS		FS		FS		FS	
4,4'-DDT		4.5	UJ	13	PJ	5.4	UJ	63	J
alpha-Chlordane		2.2	UJ	2.1	UJ	2.7	UJ	2.5	J
Aroclor-1254		1200		42	U	5400	J	42	U
Gamma-Chlordane		2.2	UJ	2.1	UJ	2.7	UJ	3.8	J

Notes:

Results reported in micrograms per kilogram (ug/kg)

Only detected compounds shown. Samples analyzed for Pesticides and

PCBs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

P = The percent difference between columns was > than 25%

Table 3.9: Surfacewater VOC/SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SW-001 10/18/2006 GSSW0600100 FS		SW-002 10/18/2006 GSSW0600200 FS		SW-003 10/18/2006 GSSW0600300 FS		SW-004 10/19/2006 GSSW0600400 FS		SW-004 10/19/2006 GSSW0600400XD FD		SW-005 10/19/2006 GSSW0600500 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC													
1,1,1-Trichloroethane	5*	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	0.7	10	U	10	U	10	U	10	U	10	U	10	U
Acetic acid, methyl ester	NA	10	U	0.6	J	10	U	10	U	10	U	10	U
Acetone	50	10	U	7	J	10	U	10	U	10	U	10	U
Chloroethane	5	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	7*	10	U	10	U	10	U	10	U	10	U	10	U
Cis-1,2-Dichloroethene	5*	10	U	10	U	10	U	10	U	10	U	10	U
Styrene	5	10	U	0.4	J	10	U	10	U	10	U	10	U
Tetrachloroethene	0.7	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	5*	10	U	10	U	10	U	10	U	10	U	10	U
SVOC													
4-Methylphenol	1*	10	U	8	J	10	U	10	U	10	U	10	U
Bis(2-Ethylhexyl)phthalate	5*	1	J	29	U	1	J	1	J	5	J	7	J

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs and VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.9: Surfacewater VOC/SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SW-008 10/24/2006 GSSW0600800 FS		SW-009 10/24/2006 GSSW0600900 FS		SW-010 10/25/2006 GSSW0601000 FS		SW-011 10/25/2006 GSSW0601100 FS		SW-013 10/25/2006 GSSW0601300 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC											
1,1,1-Trichloroethane	5*	1	J	27		2	J	27		10	U
1,1-Dichloroethane	5*	3	J	19		6	J	19		10	U
1,1-Dichloroethene	0.7	10	U	2	J	10	U	2	J	10	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	10	U	10	U
Acetone	50	10	U	10	U	10	U	10	U	10	U
Chloroethane	5	10	U	1	J	10	U	1	J	10	U
Chloroform	7*	10	U	1	J	10	U	1	J	10	U
Cis-1,2-Dichloroethene	5*	10	U	3	J	10	U	3	J	10	U
Styrene	5	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	0.7	10	U	0.5	J	10	U	0.5	J	10	U
Trichloroethene	5*	10	U	14		0.4	J	15		10	U
SVOC											
4-Methylphenol	1*	10	U	10	U	9	U	9	U	9	U
Bis(2-Ethylhexyl)phthalate	5*	10	U	10	U	9	U	9	U	9	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs and VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from Technical
and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water
Quality Standards and Guidance Values and Groundwater Effluent
Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.10: SW Metals/Hardness Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SW-001 10/18/2006 GSSW0600100 FS		SW-002 10/18/2006 GSSW0600200 FS		SW-003 10/18/2006 GSSW0600300 FS		SW-004 10/19/2006 GSSW0600400 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Total Metals									
Aluminum	100*	109	B	138	B	118	B	67.6	U
Arsenic	50*	17.5		12.3		13.2		1.9	U
Barium	1000*	1670		1540		120	B	34.2	B
Calcium	NA	45200		52600		48700		44500	
Chromium (total)	50*	4.8	B	48.4		4.6	B	2.7	B
Cobalt	5*	16.8	B	5	B	3.2	B	0.98	U
Copper	200*	22.9	B	28.5		17.8	B	3.7	U
Iron	300*	280		462		147		398	
Lead	50*	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium	35000*	111000		163000		136000		51900	
Manganese	300*	1350		931		437		187	
Nickel	100*	136		49.1		35.8	B	17.2	B
Potassium	NA	11700		10300		9030		7460	
Selenium	10*	3.8	U	3.9	B	3.8	U	3.8	U
Silver	50*	1.4	B	1.2	B	0.85	B	0.84	B
Sodium	NA	52500		15500		23700		142000	
Thallium	0.5	59.9		42.6		48.4		14.5	
Vanadium	NA	1.6	U	5.9	B	5.3	B	4.1	B
Zinc	2000	10.1	B	2.1	UJ	2.1	UJ	2.1	UJ
Dissolved Metals									
Aluminum	100*	110	B	74.9	U	83.1	U	54.4	U
Arsenic	50*	18.2		14.1		13.8		1.9	U
Barium	1000*	1650		1600		122	B	34	B
Calcium	NA	47500		52900		48600		44500	
Chromium (total)	50*	5	B	45.7		4.4	B	2.6	B
Cobalt	5*	18.3	B	4.7	B	4.2	B	0.98	U
Copper	200*	14.9	B	13.8	B	15.6	B	3.6	U
Iron	300*	225		349		93.4	B	290	
Lead	50*	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium	35000*	114000		168000		138000		52300	
Manganese	300*	1580		936		559		186	
Nickel	100*	135		47.1		36	B	16.6	B
Potassium	NA	11700		10300		9070		7320	
Selenium	10*	4	B	3.8	U	3.8	U	3.8	U
Silver	50*	1.4	B	0.81	B	0.89	B	0.78	B
Sodium	NA	53400		15400		23400		139000	
Thallium	0.5	62		45.6		47.2		13.2	
Vanadium	NA	1.6	U	6.1	B	5.2	B	3.6	B
Zinc	2000	5.9	B	2.1	UJ	2.1	UJ	2.2	B
Total Hardness									
Hardness as CaCO3	NA	570000		802000		682000		325000	

Notes:

Metals results in microgram per liter (µg/L).
 Total Hardness results in micrograms per liter (µg/L)
 Only detected compounds shown.
 Samples analyzed for Metals by EPA Method OLM05.3.
 Total Hardness by EPA Method SW846 2340B
 QC Code:
 FS = Field Sample
 FD = Field Duplicate
 Qualifiers:
 U = Not detected at a concentration greater than the reporting limit
 J = Estimated value
 B = Reported value was detected between the MDL and RL
 Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).
 * = New York State Standard

Highlighted results exceed criteria

Table 3.10: SW Metals/Hardness Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SW-004 10/19/2006 GSSW0600400XD FD		SW-005 10/19/2006 GSSW0600500 FS		SW-008 10/24/2006 GSSW0600800 FS		SW-009 10/24/2006 GSSW0600900 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Total Metals									
Aluminum	100*	59	U	31.3	U	16.7	U	16.7	U
Arsenic	50*	2	U	1.9	U	1.9	U	1.9	U
Barium	1000*	33	B	114	B	29	B	30.5	B
Calcium	NA	42900		71600		25300		56000	
Chromium (total)	50*	2.5	B	12.4		1.4	B	17.1	
Cobalt	5*	0.98	U	1.1	B	0.98	U	0.98	U
Copper	200*	3	U	10.8	B	13.1	B	9.1	B
Iron	300*	391		61.4	B	207		85.4	B
Lead	50*	1.2	U	1.2	U	5.8	B	1.4	B
Magnesium	35000*	50200		43700		4060	B	12300	
Manganese	300*	183		408		16.2		7.6	B
Nickel	100*	16.9	B	9.1	B	41		38.2	B
Potassium	NA	7230		6630		2460	B	3420	B
Selenium	10*	3.8	U	3.8	U	3.8	U	3.8	U
Silver	50*	0.72	U	1	B	0.72	U	0.72	UJ
Sodium	NA	138000		164000		10400	B	11100	
Thallium	0.5	13.9		5.9	U	5.9	U	5.9	UJ
Vanadium	NA	3.7	B	7.3	B	1.7	B	3.9	B
Zinc	2000	2.1	UJ	4	B	107		67.9	
Dissolved Metals									
Aluminum	100*	42.8	U	16.7	U	16.7	U	16.7	U
Arsenic	50*	1.9	U	1.9	U	1.9	U	1.9	U
Barium	1000*	33.4	B	109	B	29.1	B	29.5	B
Calcium	NA	43700		68900		25700		55400	
Chromium (total)	50*	2.7	B	11.5		1.2	B	14.7	
Cobalt	5*	0.98	U	1.1	B	0.98	U	0.98	U
Copper	200*	2.9	U	9.3	B	9.7	B	4.3	B
Iron	300*	287		55.3	U	55.3	U	55.3	U
Lead	50*	1.2	U	1.2	U	1.5	B	1.2	U
Magnesium	35000*	51600		43000		4130	B	12200	
Manganese	300*	183		389		10.9	B	7	B
Nickel	100*	16.5	B	8.9	B	39.6	B	36.8	B
Potassium	NA	7570		6460		2560	B	3470	B
Selenium	10*	3.8	U	3.8	U	3.8	U	4.4	B
Silver	50*	0.72	U	0.72	U	0.72	U	0.72	UJ
Sodium	NA	141000		161000		1080	B	11200	
Thallium	0.5	13		5.9	U	5.9	U	5.9	UJ
Vanadium	NA	3.5	B	6.8	B	1.6	U	3.5	B
Zinc	2000	2.1	UJ	4.7	B	106		63.6	
Total Hardness									
Hardness as CaCO3	NA	314000		359000		79900		190000	

Notes:

Metals results in microgram per liter (µg/L).
 Total Hardness results in micrograms per liter (µg/L)
 Only detected compounds shown.
 Samples analyzed for Metals by EPA Method OLM05.3.
 Total Hardness by EPA Method SW846 2340B
 QC Code:
 FS = Field Sample
 FD = Field Duplicate
 Qualifiers:
 U = Not detected at a concentration greater than the reporting limit
 J = Estimated value
 B = Reported value was detected between the MDL and RL
 Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).
 * = New York State Standard

Highlighted results exceed criteria

Table 3.10: SW Metals/Hardness Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	SW-010 10/25/2006 GSSW0601000 FS		SW-011 10/25/2006 GSSW0601100 FS		SW-013 10/25/2006 GSSW0601300 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier
Total Metals							
Aluminum	100*	16.7	U	16.7	U	16.7	U
Arsenic	50*	1.9	U	1.9	U	1.9	U
Barium	1000*	30.4	B	14.1	B	6.7	B
Calcium	NA	34700		23400		18900	
Chromium (total)	50*	1.8	B	3.3	B	3.2	B
Cobalt	5*	0.98	U	1	B	1.2	B
Copper	200*	1.9	B	14.3	B	14.6	B
Iron	300*	143		229		272	
Lead	50*	2	B	1.2	U	3.3	B
Magnesium	35000*	7050		5080		2150	B
Manganese	300*	24.7		24.2		21	
Nickel	100*	22.1	B	22.9	B	21.1	B
Potassium	NA	3200	B	1530	B	2580	B
Selenium	10*	3.8	U	3.8	U	3.8	U
Silver	50*	0.72	U	0.72	U	0.72	U
Sodium	NA	6900		3700	B	1340	B
Thallium	0.5	5.9	U	5.9	U	5.9	U
Vanadium	NA	3	B	3.1	B	2.4	B
Zinc	2000	191		41.1	B	39	B
Dissolved Metals							
Aluminum	100*	16.7	U	16.7	U	16.7	U
Arsenic	50*	1.9	U	1.9	U	1.9	U
Barium	1000*	31.3	B	14.4	B	6.3	B
Calcium	NA	36500		24800		20400	
Chromium (total)	50*	1.1	B	2.7	B	6	B
Cobalt	5*	0.98	U	1	B	0.98	U
Copper	200*	1	U	8.2	B	2	B
Iron	300*	55.3	U	55.3	U	84.3	B
Lead	50*	1.2	U	1.2	U	1.2	U
Magnesium	35000*	7320		5350		2240	B
Manganese	300*	22.3		23.7		3.3	B
Nickel	100*	18.7	B	22.8	B	7.6	B
Potassium	NA	3290	B	1550	B	2580	B
Selenium	10*	3.8	U	3.8	U	3.8	U
Silver	50*	0.72	U	0.72	U	0.72	U
Sodium	NA	7060		3730	B	1350	B
Thallium	0.5	5.9	U	5.9	U	5.9	U
Vanadium	NA	2.5	B	1.6	U	1.6	U
Zinc	2000	150		39.5	B	20.8	B
Total Hardness							
Hardness as CaCO3	NA	116000		79300		56000	

Notes:

Metals results in microgram per liter (µg/L).
 Total Hardness results in micrograms per liter (µg/L)
 Only detected compounds shown.
 Samples analyzed for Metals by EPA Method OLM05.3.
 Total Hardness by EPA Method SW846 2340B
 QC Code:
 FS = Field Sample
 FD = Field Duplicate
 Qualifiers:
 U = Not detected at a concentration greater than the reporting limit
 J = Estimated value
 B = Reported value was detected between the MDL and RL
 Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).
 * = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-006 11/15/2006 GSMW06006 FS		MW-007 11/15/2006 GSMW06007 FS		MW-008 11/15/2006 GSMW06008 FS		MW-009 11/15/2006 GSMW06009 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	10	U	10	U	10	U	0.4	J
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	1*	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	10	U	1	J	0.6	J	9	J
1,1-Dichloroethene	5*	10	U	10	U	10	U	2	J
1,2-Dichlorobenzene	3*	10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6*	10	U	10	U	10	U	10	U
2-Butanone	50	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	NA	10	U	10	U	10	U	10	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	10	U
Acetone	50	10	U	10	U	10	U	10	U
Benzene	1*	10	U	10	U	10	U	10	U
Chloroethane	5*	10	U	10	U	10	U	3	J
Chloroform	7*	10	U	10	U	10	U	10	U
Cis-1,2-Dichloroethene	5*	10	U	10	U	10	U	2	J
Cyclohexane	NA	10	U	10	U	10	U	10	U
Ethyl benzene	5*	10	U	10	U	10	U	10	U
Isopropylbenzene	5*	10	U	10	U	10	U	10	U
Methyl cyclohexane	NA	10	U	10	U	10	U	10	U
Methylene chloride	5*	10	U	10	U	10	U	10	U
o-Xylene	5*	10	U	10	U	10	U	10	U
Tetrachloroethene	5*	10	U	10	U	10	U	10	U
Toluene	5*	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5*	10	U	10	U	10	U	0.7	J
Trichloroethene	5*	10	U	10	U	10	U	1	J
Vinyl chloride	2*	10	U	10	U	10	U	0.7	J
Xylene, m/p	5*	10	U	10	U	10	U	10	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration

greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
 Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance
 Values and Groundwater Effluent Limitations"

(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-009 11/15/2006 GSMW06009XD FD		MW-010 11/15/2006 GSMW06010 FS		MW-011 11/15/2006 GSMW06011 FS		MW-012 11/15/2006 GSMW06012 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	0.4	J	0.9	J	10	U	29	
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10	U	10	U	10	U	9	J
1,1,2-Trichloroethane	1*	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	9	J	3	J	2	J	22	
1,1-Dichloroethene	5*	2	J	10	U	3	J	7	J
1,2-Dichlorobenzene	3*	10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6*	10	U	10	U	10	U	10	U
2-Butanone	50	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	NA	10	U	10	U	10	U	10	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	10	U
Acetone	50	10	U	10	U	10	U	10	U
Benzene	1*	10	U	10	U	10	U	10	U
Chloroethane	5*	3	J	10	U	6	J	10	U
Chloroform	7*	10	U	10	U	10	U	0.7	J
Cis-1,2-Dichloroethene	5*	2	J	10	U	3	J	6	J
Cyclohexane	NA	10	U	10	U	10	U	10	U
Ethyl benzene	5*	10	U	10	U	10	U	10	U
Isopropylbenzene	5*	10	U	10	U	10	U	10	U
Methyl cyclohexane	NA	10	U	10	U	10	U	10	U
Methylene chloride	5*	10	U	10	U	10	U	10	U
o-Xylene	5*	10	U	10	U	10	U	10	U
Tetrachloroethene	5*	10	U	10	U	10	U	4	J
Toluene	5*	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5*	0.6	J	10	U	10	U	10	U
Trichloroethene	5*	0.8	J	10	U	10	U	7	J
Vinyl chloride	2*	0.8	J	10	U	0.7	J	0.9	J
Xylene, m/p	5*	10	U	10	U	10	U	10	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS)1.1.1, "Ambient Water Quality Standards and Guidance
Values and Groundwater Effluent Limitations"
(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-013 11/14/2006 GSMW06013 FS		MW-013 11/14/2006 GSMW06S13 FS		MW-014 11/14/2006 GSMW06014 FS		MW-015 11/13/2006 GSMW06015 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	1*	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	0.4	J	10	U	10	U	0.7	J
1,1-Dichloroethene	5*	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	3*	10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6*	10	U	10	U	10	U	10	U
2-Butanone	50	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	NA	10	U	10	U	10	U	10	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	10	U
Acetone	50	10	U	10	U	10	U	10	U
Benzene	1*	10	U	10	U	10	U	10	U
Chloroethane	5*	10	U	10	U	10	U	10	U
Chloroform	7*	10	U	10	U	10	U	10	U
Cis-1,2-Dichloroethene	5*	10	U	10	U	10	U	10	U
Cyclohexane	NA	10	U	10	U	10	U	10	U
Ethyl benzene	5*	10	U	10	U	10	U	10	U
Isopropylbenzene	5*	10	U	10	U	10	U	10	U
Methyl cyclohexane	NA	10	U	10	U	10	U	10	U
Methylene chloride	5*	10	U	10	U	10	U	10	U
o-Xylene	5*	10	U	10	U	10	U	10	U
Tetrachloroethene	5*	10	U	10	U	10	U	10	U
Toluene	5*	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5*	10	U	10	U	10	U	10	U
Trichloroethene	5*	0.7	J	10	U	10	U	10	U
Vinyl chloride	2*	10	U	10	U	10	U	10	U
Xylene, m/p	5*	10	U	10	U	10	U	10	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance
Values and Groundwater Effluent Limitations"
(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location	MW-016		MW-017		MW-018		MW-019	
	Sample Date	11/13/2006		11/13/2006		11/14/2006		11/14/2006	
	Sample ID	GSMW06016		GSMW06017		GSMW06018		GSMW06019	
	Qc Code	FS		FS		FS		FS	
	Criteria	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	10	U	10	U	10	U	2	J
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	1*	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	0.3	J	10	U	1	J	0.5	J
1,1-Dichloroethene	5*	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	3*	10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6*	10	U	10	U	10	U	10	U
2-Butanone	50	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	NA	10	U	10	U	10	U	10	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	10	U
Acetone	50	10	U	10	U	10	U	10	U
Benzene	1*	10	U	10	U	10	U	10	U
Chloroethane	5*	10	U	10	U	10	U	10	U
Chloroform	7*	10	U	10	U	10	U	10	U
Cis-1,2-Dichloroethene	5*	10	U	10	U	0.6	J	10	U
Cyclohexane	NA	10	U	10	U	10	U	10	U
Ethyl benzene	5*	10	U	10	U	10	U	10	U
Isopropylbenzene	5*	10	U	10	U	10	U	10	U
Methyl cyclohexane	NA	10	U	10	U	10	U	10	U
Methylene chloride	5*	10	U	10	U	10	U	10	U
o-Xylene	5*	10	U	10	U	10	U	10	U
Tetrachloroethene	5*	10	U	10	U	10	U	10	U
Toluene	5*	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5*	10	U	10	U	0.5	J	10	U
Trichloroethene	5*	10	U	10	U	0.7	J	10	U
Vinyl chloride	2*	10	U	10	U	10	U	10	U
Xylene, m/p	5*	10	U	10	U	10	U	10	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations"

(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-020 11/14/2006 GSMW06020 FS		MW-021 11/14/2006 GSMW06021 FS		MW-022 11/15/2006 GSMW06022 FS		MW-023 11/15/2006 GSMW06023 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	10	U	1	J	7	J	1200	D
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10	U	10	U	10	U	50	U
1,1,2-Trichloroethane	1*	10	U	10	U	10	U	2	J
1,1-Dichloroethane	5*	10	U	0.4	J	12		600	
1,1-Dichloroethene	5*	10	U	10	U	1	J	39	J
1,2-Dichlorobenzene	3*	10	U	10	U	10	U	50	U
1,2-Dichloroethane	0.6*	10	U	10	U	1	J	2	J
2-Butanone	50	10	U	10	U	10	U	50	U
4-Methyl-2-pentanone	NA	10	U	10	U	10	U	50	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	50	U
Acetone	50	10	U	10	U	10	U	50	U
Benzene	1*	10	U	10	U	10	U	50	U
Chloroethane	5*	10	U	10	U	9	J	80	
Chloroform	7*	10	U	10	U	10	U	2	J
Cis-1,2-Dichloroethene	5*	10	U	10	U	0.3	J	98	
Cyclohexane	NA	10	U	10	U	10	U	50	U
Ethyl benzene	5*	10	U	10	U	10	U	50	U
Isopropylbenzene	5*	10	U	10	U	10	U	50	U
Methyl cyclohexane	NA	10	U	10	U	10	U	50	U
Methylene chloride	5*	10	U	10	U	10	U	2	J
o-Xylene	5*	10	U	10	U	10	U	50	U
Tetrachloroethene	5*	10	U	10	U	10	U	14	J
Toluene	5*	10	U	10	U	10	U	50	U
trans-1,2-Dichloroethene	5*	10	U	10	U	10	U	50	U
Trichloroethene	5*	10	U	10	U	0.6	J	220	
Vinyl chloride	2*	10	U	10	U	10	U	18	J
Xylene, m/p	5*	10	U	10	U	10	U	50	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration
 greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
 Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance
 Values and Groundwater Effluent Limitations"
 (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-024 11/14/2006 GSMW06024 FS		MW-025 11/14/2006 GSMW06025 FS		MW-026 11/14/2006 GSMW06026 FS		MW-LF1 11/14/2006 GSMW06LF1 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	120		800		630		10	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	0.4	J	6	J	50	U	10	U
1,1,2-Trichloroethane	1*	10	U	50	U	50	U	10	U
1,1-Dichloroethane	5*	55		140		99		0.5	J
1,1-Dichloroethene	5*	21		40	J	36	J	10	U
1,2-Dichlorobenzene	3*	10	U	50	U	50	U	10	U
1,2-Dichloroethane	0.6*	10	U	50	U	50	U	10	U
2-Butanone	50	10	U	50	U	50	U	10	U
4-Methyl-2-pentanone	NA	10	U	50	U	50	U	10	U
Acetic acid, methyl ester	NA	10	U	50	U	50	U	10	U
Acetone	50	10	U	50	U	50	U	10	U
Benzene	1*	10	U	50	U	50	U	10	U
Chloroethane	5*	10	U	7	J	50	U	10	U
Chloroform	7*	10	U	50	U	50	U	10	U
Cis-1,2-Dichloroethene	5*	27		700		110		10	U
Cyclohexane	NA	10	U	50	U	50	U	10	U
Ethyl benzene	5*	10	U	50	U	50	U	10	U
Isopropylbenzene	5*	10	U	50	U	50	U	10	U
Methyl cyclohexane	NA	0.7	J	50	U	50	U	10	U
Methylene chloride	5*	10	U	50	U	50	U	10	U
o-Xylene	5*	10	U	50	U	50	U	10	U
Tetrachloroethene	5*	10	U	50	U	50	U	10	U
Toluene	5*	10	U	50	U	50	U	10	U
trans-1,2-Dichloroethene	5*	0.6	J	2	J	50	U	10	U
Trichloroethene	5*	30		160		85		10	U
Vinyl chloride	2*	5	J	150		16	J	10	U
Xylene, m/p	5*	10	U	50	U	50	U	10	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance
Values and Groundwater Effluent Limitations"
(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-LF2 11/14/2006 GSMW06LF2 FS		MW-MW1 11/15/2006 GSMW06MW1 FS		MW-MW2 11/15/2006 GSMW06MW2 FS		MW-MW3 11/15/2006 GSMW06MW3 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	10	U	10	U	10	U	5	J
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	1*	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	10	U	10	U	0.5	J	27	
1,1-Dichloroethene	5*	10	U	10	U	0.9	J	6	J
1,2-Dichlorobenzene	3*	10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6*	10	U	10	U	10	U	10	U
2-Butanone	50	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	NA	10	U	10	U	10	U	10	U
Acetic acid, methyl ester	NA	10	U	10	U	10	U	10	U
Acetone	50	10	U	10	U	10	U	10	U
Benzene	1*	10	U	10	U	10	U	10	U
Chloroethane	5*	10	U	10	U	0.7	J	10	U
Chloroform	7*	10	U	10	U	10	U	10	U
Cis-1,2-Dichloroethene	5*	10	U	10	U	4	J	2	J
Cyclohexane	NA	10	U	10	U	10	U	10	U
Ethyl benzene	5*	10	U	10	U	10	U	10	U
Isopropylbenzene	5*	10	U	10	U	10	U	10	U
Methyl cyclohexane	NA	10	U	10	U	10	U	10	U
Methylene chloride	5*	10	U	10	U	10	U	10	U
o-Xylene	5*	10	U	10	U	10	U	10	U
Tetrachloroethene	5*	10	U	10	U	10	U	10	U
Toluene	5*	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5*	10	U	10	U	10	U	10	U
Trichloroethene	5*	10	U	10	U	10	U	0.6	J
Vinyl chloride	2*	10	U	10	U	6	J	0.7	J
Xylene, m/p	5*	10	U	10	U	10	U	10	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS)1.1.1, "Ambient Water Quality Standards and Guidance
Values and Groundwater Effluent Limitations"
(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-MW4 11/14/2006 GSMW06MW4 FS		MW-MW4 11/14/2006 GSMW06MW4XD FD		MW-MW5 11/15/2006 GSMW06MW5 FS		MW-TP4 11/14/2006 GSMW06TP4 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	5*	530	D	560		210		10	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	2	J	2	J	50	U	10	U
1,1,2-Trichloroethane	1*	10	U	50	U	50	U	10	U
1,1-Dichloroethane	5*	110		120		530		0.4	J
1,1-Dichloroethene	5*	40		43	J	17	J	10	U
1,2-Dichlorobenzene	3*	10	U	50	U	50	U	10	U
1,2-Dichloroethane	0.6*	10	U	50	U	50	U	10	U
2-Butanone	50	10	U	50	U	50	U	42	
4-Methyl-2-pentanone	NA	10	U	50	U	50	U	3	J
Acetic acid, methyl ester	NA	10	U	50	U	50	U	6	J
Acetone	50	10	U	50	U	50	U	620	D
Benzene	1*	10	U	50	U	3	J	0.3	J
Chloroethane	5*	2	J	2	J	49	J	10	U
Chloroform	7*	10	U	50	U	7	J	10	U
Cis-1,2-Dichloroethene	5*	46		48	J	20	J	10	U
Cyclohexane	NA	10	U	50	U	6	J	10	U
Ethyl benzene	5*	10	U	50	U	50	U	0.5	J
Isopropylbenzene	5*	10	U	50	U	50	U	10	U
Methyl cyclohexane	NA	10	U	50	U	7	J	10	U
Methylene chloride	5*	10	U	50	U	2	J	10	U
o-Xylene	5*	10	U	50	U	50	U	4	J
Tetrachloroethene	5*	0.8	J	50	U	4	J	10	U
Toluene	5*	10	U	50	U	50	U	3	J
trans-1,2-Dichloroethene	5*	0.9	J	50	U	50	U	10	U
Trichloroethene	5*	100		100		20	J	10	U
Vinyl chloride	2*	1	J	50	U	8	J	10	U
Xylene, m/p	5*	10	U	50	U	50	U	5	J

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration
 greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
 Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance
 Values and Groundwater Effluent Limitations"
 (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.11: Groundwater VOC Results

Parameter	Location	TP-014
	Sample Date	10/19/2006
	Sample ID	GSTP0601402W
	Qc Code	FS
	Criteria	Result Qualifier
1,1,1-Trichloroethane	5*	1 J
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	10 U
1,1,2-Trichloroethane	1*	10 U
1,1-Dichloroethane	5*	2 J
1,1-Dichloroethene	5*	10 U
1,2-Dichlorobenzene	3*	0.8 J
1,2-Dichloroethane	0.6*	10 U
2-Butanone	50	10 U
4-Methyl-2-pentanone	NA	10 U
Acetic acid, methyl ester	NA	10 U
Acetone	50	5 J
Benzene	1*	10 U
Chloroethane	5*	0.9 J
Chloroform	7*	10 U
Cis-1,2-Dichloroethene	5*	10 U
Cyclohexane	NA	1 J
Ethyl benzene	5*	10 U
Isopropylbenzene	5*	1 J
Methyl cyclohexane	NA	2 J
Methylene chloride	5*	10 U
o-Xylene	5*	10 U
Tetrachloroethene	5*	3 J
Toluene	5*	10 U
trans-1,2-Dichloroethene	5*	10 U
Trichloroethene	5*	1 J
Vinyl chloride	2*	10 U
Xylene, m/p	5*	10 U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for VOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

D = Result was reported from a diluted analytical run

U = Not detected at a concentration

greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS)

1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations"

(NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.12: Groundwater SVOC Results

Parameter	Location	MW-006	MW-007	MW-008	MW-009	MW-009	MW-010	MW-011	
	Sample Date	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	
Criteria	Sample ID	GSMW06006	GSMW06007	GSMW06008	GSMW06009	GSMW06009XD	GSMW06010	GSMW06011	
Criteria	Qc Code	FS	FS	FS	FS	FD	FS	FS	
Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dimethylphenol	50	9	U	9	U	9	U	9	U
4-Methylphenol	1*	9	U	9	U	9	U	9	U
Acenaphthene	20	9	U	9	U	9	U	9	U
Bis(2-Ethylhexyl)phthalate	5*	9	U	9	U	9	U	6	J
Butylbenzylphthalate	50	9	U	9	U	9	U	9	U
Di-n-butylphthalate	50*	9	U	9	U	9	U	9	U
Pentachlorophenol	1*	24	UJ	24	UJ	24	UJ	24	UJ
Phenol	1*	9	U	9	U	9	U	9	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS) 1.1.1,
"Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.12: Groundwater SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-012	MW-013	MW-013	MW-014	MW-015	MW-016	MW-017	
		11/15/2006 GSMW06012 FS	11/14/2006 GSMW06013 FS	11/14/2006 GSMW06S13 FS	11/14/2006 GSMW06014 FS	11/13/2006 GSMW06015 FS	11/13/2006 GSMW06016 FS	11/13/2006 GSMW06017 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dimethylphenol	50	9	U	9	U	9	U	9	U
4-Methylphenol	1*	9	U	9	U	9	U	9	U
Acenaphthene	20	9	U	9	U	9	U	9	U
Bis(2-Ethylhexyl)phthalate	5*	9	U	9	U	9	U	9	U
Butylbenzylphthalate	50	9	U	9	U	9	U	9	U
Di-n-butylphthalate	50*	9	U	9	U	9	U	9	U
Pentachlorophenol	1*	24	U	24	UJ	24	UJ	24	UJ
Phenol	1*	9	U	9	U	9	U	9	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS) 1.1.1,
"Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.12: Groundwater SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-018	MW-019	MW-020	MW-021	MW-022	MW-023	MW-024
		11/14/2006 GSMW06018 FS	11/14/2006 GSMW06019 FS	11/14/2006 GSMW06020 FS	11/14/2006 GSMW06021 FS	11/15/2006 GSMW06022 FS	11/15/2006 GSMW06023 FS	11/14/2006 GSMW06024 FS
		Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier
2,4-Dimethylphenol	50	9 U	9 U	9 U	9 U	9 U	9 U	9 U
4-Methylphenol	1*	9 U	9 U	9 U	9 U	9 U	9 U	9 U
Acenaphthene	20	9 U	9 U	9 U	9 U	9 U	9 U	9 U
Bis(2-Ethylhexyl)phthalate	5*	2 J	6 J	9 U	9 U	9 U	1 J	9 U
Butylbenzylphthalate	50	9 U	9 U	9 U	9 U	9 U	1 J	9 U
Di-n-butylphthalate	50*	9 U	9 U	9 U	9 U	9 U	1 J	9 U
Pentachlorophenol	1*	24 UJ	24 UJ	24 UJ	24 U	24 U	2 J	24 U
Phenol	1*	9 U	9 U	9 U	9 U	9 U	9 U	9 U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS) 1.1.1,
"Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.12: Groundwater SVOC Results

Parameter	Location	MW-025	MW-026	MW-LF1	MW-LF2	MW-MW1	MW-MW2	MW-MW3	
	Sample Date	11/14/2006	11/14/2006	11/14/2006	11/14/2006	11/15/2006	11/15/2006	11/15/2006	
Criteria	Sample ID	FS	FS	FS	FS	FS	FS	FS	
Criteria	Qc Code	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dimethylphenol	50	9	U	9	U	9	U	9	U
4-Methylphenol	1*	9	U	9	U	9	U	9	U
Acenaphthene	20	9	U	0.9	J	9	U	9	U
Bis(2-Ethylhexyl)phthalate	5*	9	U	9	U	9	U	9	U
Butylbenzylphthalate	50	9	U	9	U	9	U	9	U
Di-n-butylphthalate	50*	9	U	9	U	9	U	9	U
Pentachlorophenol	1*	24	UJ	24	UJ	24	UJ	24	UJ
Phenol	1*	9	U	9	U	9	U	9	U

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS) 1.1.1,
"Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.12: Groundwater SVOC Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-MW4 11/14/2006 GSMW06MW4 FS		MW-MW4 11/14/2006 GSMW06MW4XD FD		MW-MW5 11/15/2006 GSMW06MW5 FS		MW-TP4 11/14/2006 GSMW06TP4 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4-Dimethylphenol	50	9	U	9	U	9	U	13	J
4-Methylphenol	1*	9	U	9	U	9	U	87	
Acenaphthene	20	9	U	9	U	9	U	47	U
Bis(2-Ethylhexyl)phthalate	5*	9	U	9	U	9	U	47	U
Butylbenzylphthalate	50	9	U	9	U	9	U	47	U
Di-n-butylphthalate	50*	9	U	9	U	9	U	47	U
Pentachlorophenol	1*	24	UJ	24	UJ	24	UJ	120	UJ
Phenol	1*	9	U	9	U	9	U	97	

Notes:

Results in microgram per liter (µg/L)

Only detected compounds shown.

Samples analyzed for SVOCs by EPA Method OLM04.3

QC Code:

FS = Field Sample

FD = Field Duplicate

Qualifiers:

U = Not detected at a concentration
greater than the reporting limit

J = Estimated value

Criteria = Groundwater guidance or standard values from
Technical and Operational Guidance Series (TOGS) 1.1.1,
"Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations" (NYSDEC, 1998).

* = New York State Standard

Highlighted results exceed criteria

Table 3.13: Groundwater Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-006 11/15/2006 GSMW06006 FS		MW-007 11/15/2006 GSMW06007 FS		MW-008 11/15/2006 GSMW06008 FS		MW-009 11/15/2006 GSMW06009 FS		MW-009 11/15/2006 GSMW06009XD FD		MW-010 11/15/2006 GSMW06010 FS		MW-011 11/15/2006 GSMW06011 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	16.7	U	16.7	U	16.7	U	16.7	U	16.7	U	16.7	U	16.7	U
Arsenic	25*	1.9	U	2.1	B	1.9	U	2.6	B	1.9	U	2.7	B	1.9	U
Barium	1000*	17.5	B	126	B	40.7	B	41.7	B	41.7	B	55.2	B	42.2	B
Cadmium	5*	1.1	B	0.26	U	0.39	B	0.26	U	0.26	U	0.26	U	0.26	U
Calcium	NA	127000		102000		144000		116000		118000		117000		103000	
Chromium (total)	50*	2.2	B	0.86	B	0.7	U	1	B	0.98	B	1	B	0.7	U
Cobalt	NA	3.4	B	13.9	B	0.98	U	0.98	U	0.98	U	14	B	1.4	B
Copper	200*	1.7	B	1	B	1.8	B	1.5	B	1.3	B	1.5	B	1.2	B
Iron	300*	55.3	U	4140		253		1920		1930		2460		2400	
Magnesium	35000	62000		31600		44900		40200		39900		27200		30500	
Manganese	300*	494		675		175		644		646		1300		463	
Nickel	100*	266		256		1.3	B	11.6	B	11.9	B	576		12.8	B
Potassium	NA	2670	B	1260	B	4070	B	3620	B	3620	B	1980	B	1110	B
Selenium	10*	3.8	U	4.6	B	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
Silver	50*	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U
Sodium	20000*	9270		5050		135000		21300		21400		3070	B	13200	
Thallium	0.5	5.9	U	5.9	U	5.9	U	5.9	U	5.9	U	5.9	U	5.9	U
Vanadium	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Zinc	2*	448		60.9		3.4	B	5.6	B	6	B	218		11.2	B

Notes:

Metals results reported in micrograms per liter (µg/L)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

B = Reported result fell above the MDL but below the RL

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).

Highlighted results exceed criteria

Table 3.13: Groundwater Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-012 11/15/2006 GSMW06012 FS		MW-013 11/14/2006 GSMW06013 FS		MW-013 11/14/2006 GSMW06S13 FS		MW-014 11/14/2006 GSMW06014 FS		MW-015 11/13/2006 GSMW06015 FS		MW-016 11/13/2006 GSMW06016 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	16.7	U	26.8	B	206		115	B	300		24.7	B
Arsenic	25*	2.1	B	6.1	B	12.8		22.7		16.5		5.2	B
Barium	1000*	60.2	B	56.5	B	19.5	B	153	B	54.2	B	115	B
Cadmium	5*	0.26	U	0.39	B	0.27	B	0.26	U	0.26	U	0.26	U
Calcium	NA	80300		44900		46000		49100		11100		57900	
Chromium (total)	50*	0.7	U	0.7	U	5.9	B	1.3	B	1.5	B	1.4	B
Cobalt	NA	17.3	B	0.98	U	0.98	U	3.4	B	0.98	U	0.98	U
Copper	200*	1.2	B	3.3	B	12.4	B	6.6	B	4.6	B	4.2	B
Iron	300*	3130		55.3	U	219		306		119		1940	
Magnesium	35000	21500		16100		38500		154000		2140	B	67100	
Manganese	300*	310		279		80.4		424		22.9		729	
Nickel	100*	1230		6.5	B	7.8	B	11.2	B	5.2	B	4.7	B
Potassium	NA	3810	B	4610	B	5410		10300		17000		3910	B
Selenium	10*	3.8	U	3.8	U	8.1	B	3.8	U	10.7		3.8	U
Silver	50*	0.72	U	0.72	U	0.78	B	1.3	B	1	B	0.72	U
Sodium	20000*	7190		166000		282000		133000		274000		190000	
Thallium	0.5	5.9	U	11.7		38.1		58.3	J	110		5.9	UJ
Vanadium	NA	1.6	U	1.6	U	1.6	U	2.6	B	3.3	B	1.6	U
Zinc	2*	27.9	B	186		7.9	U	89.5		9.2	U	6.8	U

Notes:

Metals results reported in micrograms per liter (µg/L)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

B = Reported result fell above the MDL but below the RL

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).

Highlighted results exceed criteria

Table 3.13: Groundwater Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-017 11/13/2006 GSMW06017 FS		MW-018 11/14/2006 GSMW06018 FS		MW-019 11/14/2006 GSMW06019 FS		MW-020 11/14/2006 GSMW06020 FS		MW-021 11/14/2006 GSMW06021 FS		MW-022 11/15/2006 GSMW06022 FS		MW-023 11/15/2006 GSMW06023 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	16.7	U	29.7	B	16.7	U	23.4	B	90.5	B	17	B	16.7	U
Arsenic	25*	1.9	U	6	B	1.9	U	1.9	U	1.9	U	1.9	U	2.7	B
Barium	1000*	149	B	76.6	B	22.9	B	69.5	B	90.3	B	184	B	60.4	B
Cadmium	5*	0.26	U	0.35	B	0.29	B	2.3	B	0.28	B	0.26	U	0.52	B
Calcium	NA	98900		65900		79300		93900		85100		82800		92600	
Chromium (total)	50*	0.7	U	0.7	U	2.5	B	0.7	U	0.86	B	0.7	U	0.7	U
Cobalt	NA	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	3.2	B	4	B
Copper	200*	3.1	B	3.6	B	2.5	B	2.8	B	3.6	B	1.6	B	2.2	B
Iron	300*	457		55.3	U	55.3	U	55.3	U	65.3	B	10500		183	
Magnesium	35000	33200		40000		33800		23800		28500		23700		25300	
Manganese	300*	10.8	B	424		0.31	U	3.5	B	1.5	J	243		661	
Nickel	100*	0.89	U	8	B	4.5	B	3.1	B	0.89	U	94.2		36.6	B
Potassium	NA	4170	B	3570	B	1820	B	1040	B	2360	B	2900	B	1770	B
Selenium	10*	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
Silver	50*	0.72	U	0.75	B	0.72	U	0.73	B	0.72	U	0.72	U	0.72	U
Sodium	20000*	503000		139000		60000		64100		254000		9870		21600	
Thallium	0.5	5.9	UJ	13.2	J	5.9	UJ	5.9	UJ	5.9	U	5.9	U	5.9	U
Vanadium	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Zinc	2*	7	U	189		66.8		395		56.1	B	15	B	137	

Notes:

Metals results reported in micrograms per liter (µg/L)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

B = Reported result fell above the MDL but below the RL

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).

Highlighted results exceed criteria

Table 3.13: Groundwater Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-024 11/14/2006 GSMW06024 FS		MW-025 11/14/2006 GSMW06025 FS		MW-026 11/14/2006 GSMW06026 FS		MW-LF1 11/14/2006 GSMW06LF1 FS		MW-LF2 11/14/2006 GSMW06LF2 FS		MW-MW1 11/15/2006 GSMW06MW1 FS		MW-MW2 11/15/2006 GSMW06MW2 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	16.7	U	17.2	B	54.2	B	110	B	16.7	U	16.7	U	16.7	U
Arsenic	25*	1.9	U	1.9	U	2	B	23.7		1.9	U	1.9	U	1.9	U
Barium	1000*	39.1	B	59.6	B	52.3	B	284		26.1	B	36.6	B	69.2	B
Cadmium	5*	0.26	U	1.1	B	0.5	B	0.28	B	0.26	U	0.28	B	0.26	B
Calcium	NA	57000		103000		75800		72200		61100		125000		81600	
Chromium (total)	50*	0.7	U	3.1	B	1.9	B	1.5	B	0.7	U	0.7	U	0.7	U
Cobalt	NA	0.98	U	0.98	U	0.98	U	3.3	B	0.98	U	5.8	B	0.98	U
Copper	200*	1.6	B	4	B	3.7	B	26.9		3.4	B	1.8	B	1.6	B
Iron	300*	321		55.3	U	139		198		55.3	U	134		85.5	B
Magnesium	35000	17800		36500		24700		163000		23000		28400		25700	
Manganese	300*	107	J	455		175		579		47.3		283		165	
Nickel	100*	4.4	B	79.9		5.1	B	62.9		1.1	B	98.4		0.94	B
Potassium	NA	1970	B	2570	B	2260	B	5800		2520	B	2320	B	3920	B
Selenium	10*	3.8	U	3.8	U	3.8	U	5.3	B	3.8	U	3.8	U	3.8	U
Silver	50*	0.72	U	0.72	U	0.92	B	1.8	B	0.72	U	0.72	U	0.72	U
Sodium	20000*	37600		466000		223000		44800		196000		223000		24200	
Thallium	0.5	5.9	U	5.9	UJ	5.9	UJ	71.4	J	5.9	UJ	5.9	U	5.9	U
Vanadium	NA	1.6	U	1.6	U	1.6	U	19	B	1.6	U	1.6	U	1.6	U
Zinc	2*	12.6	B	133		99.9		7.3	U	18.4	B	313		4.8	B

Notes:

Metals results reported in micrograms per liter (µg/L)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

B = Reported result fell above the MDL but below the RL

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).

Highlighted results exceed criteria

Table 3.13: Groundwater Metals Results

Parameter	Location Sample Date Sample ID Qc Code Criteria	MW-MW3 11/15/2006 GSMW06MW3 FS		MW-MW4 11/14/2006 GSMW06MW4 FS		MW-MW4 11/14/2006 GSMW06MW4XD FD		MW-MW5 11/15/2006 GSMW06MW5 FS		MW-TP4 11/14/2006 GSMW06TP4 FS	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
		Aluminum	NA	16.7	U	16.7	U	16.7	U	16.7	U
Arsenic	25*	4.4	B	1.9	U	1.9	U	3.1	B	55	
Barium	1000*	69.7	B	42.6	B	42.9	B	63.9	B	219	
Cadmium	5*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Calcium	NA	103000		47700		46400		101000		18300	
Chromium (total)	50*	0.7	U	0.7	U	0.76	B	0.7	U	7.5	B
Cobalt	NA	22.7	B	0.98	U	0.98	U	4.2	B	2	B
Copper	200*	1.5	B	2.4	U	2.1	B	1.5	B	63.7	
Iron	300*	6070		55.3	U	55.3	U	2470		456	
Magnesium	35000	31100		19400		19500		25500		52500	
Manganese	300*	373		180		212		311		347	
Nickel	100*	1170		2.2	B	2.5	B	398		54.2	
Potassium	NA	3780	B	2510	B	2430	B	4290	B	16700	
Selenium	10*	3.8	U	3.8	U	5.6	B	3.8	U	28.6	
Silver	50*	0.72	U	0.93	B	0.88	B	0.72	U	3.2	B
Sodium	20000*	24000		36700		35000		13700		39300	
Thallium	0.5	5.9	U	5.9	U	5.9	U	5.9	U	397	J
Vanadium	NA	1.6	U	1.6	U	1.6	U	1.6	U	13	B
Zinc	2*	26.7	B	83.9		100		6.8	B	17.5	B

Notes:

Metals results reported in micrograms per liter (µg/L)

Only detected compounds shown.

Samples analyzed for Metals by EPA Method ILM05.3

QC Code:

FS = Field Sample

FD = Field Sample

Qualifiers:

U = Not detected at a concentration greater than the RL

J = Estimated value

B = Reported result fell above the MDL but below the RL

Criteria = Groundwater guidance or standard values from Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (NYSDEC, 1998).

Highlighted results exceed criteria

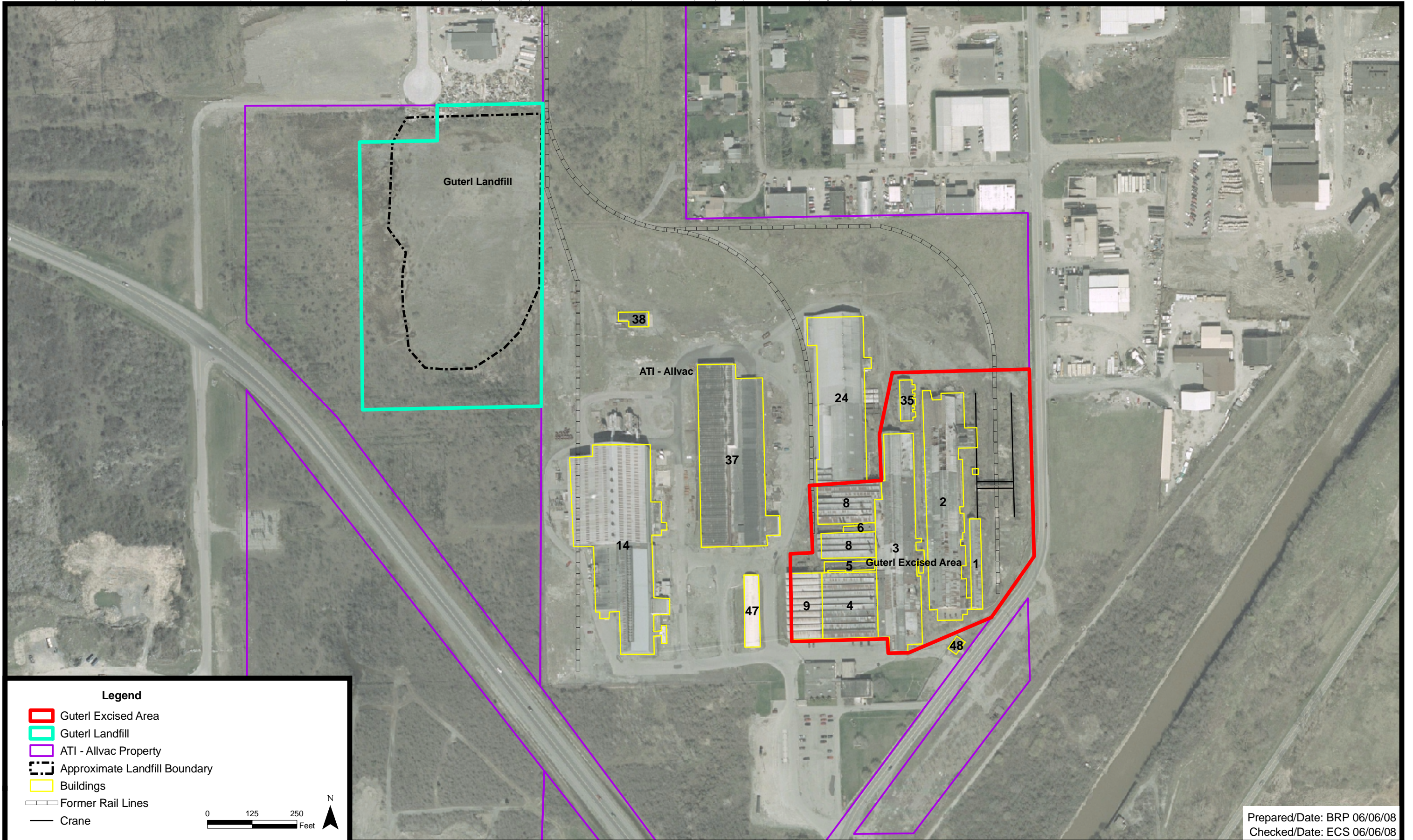
Table 3.14: Wipe Samples and Other Media Results

Parameter	Location	DS-001	PL-001	WS-001	WS-002	WS-003	
	Sample Date	10/25/2006	11/16/2006	11/15/2006	11/15/2006	11/15/2006	
	Sample ID	GSDS0600100	GSPL06001	GSWS06001	GSWS06002	GSWS06003	
	Media	Drum Sample	Pit Liquid	Wipe	Wipe	Wipe	
	Qc Code	FS	FS	FS	FS	FS	
	UNITS	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC							
1,1,1-Trichloroethane	UG/L	30					
1,1-Dichloroethane	UG/L	3	J				
1,1-Dichloroethene	UG/L	1	J				
2-Butanone	UG/L	2	J				
Acetone	UG/L	6	J				
Chloroethane	UG/L	1	J				
Cis-1,2-Dichloroethene	UG/L	2	J				
Tetrachloroethene	UG/L	0.5	J				
Trichloroethene	UG/L	1	J				
PCB							
Aroclor-1260	UG/KG			10000	U		
Aroclor-1260	UG/L	1	UJ				
Aroclor-1260	UG/Wipe			5.9	J	10 J 13 J	
Metals							
Aluminum	UG/L	136	B				
Barium	UG/L	59.3	B				
Calcium	UG/L	104000					
Chromium (total)	UG/L	2.5	B				
Copper	UG/L	2.8	B				
Iron	UG/L	4810					
Magnesium	UG/L	52000					
Manganese	UG/L	431					
Nickel	UG/L	24.3	B				
Potassium	UG/L	3000	B				
Sodium	UG/L	21700					
Zinc	UG/L	46.6	B				
Fuel							
C25-C40 DRO	UG/KG			46000000			

Notes:

- Only detected compounds shown
- VOC and PCB samples analyzed by EPA Method OLM04.3
- Metals samples analyzed by EPA Method ILM05.3
- Fuel sample analyzed by EPA Method SW846 8015B
- QC Code:
 - FS = Field Sample
- Qualifiers:
 - U = Not detected at a concentration greater than the RL
 - J = Estimated value
 - B = Reported result fell above the MDL but below the RL

FIGURES



Legend

- Guterl Excised Area
- Guterl Landfill
- ATI - Allvac Property
- Approximate Landfill Boundary
- Buildings
- Former Rail Lines
- Crane

0 125 250 Feet

N

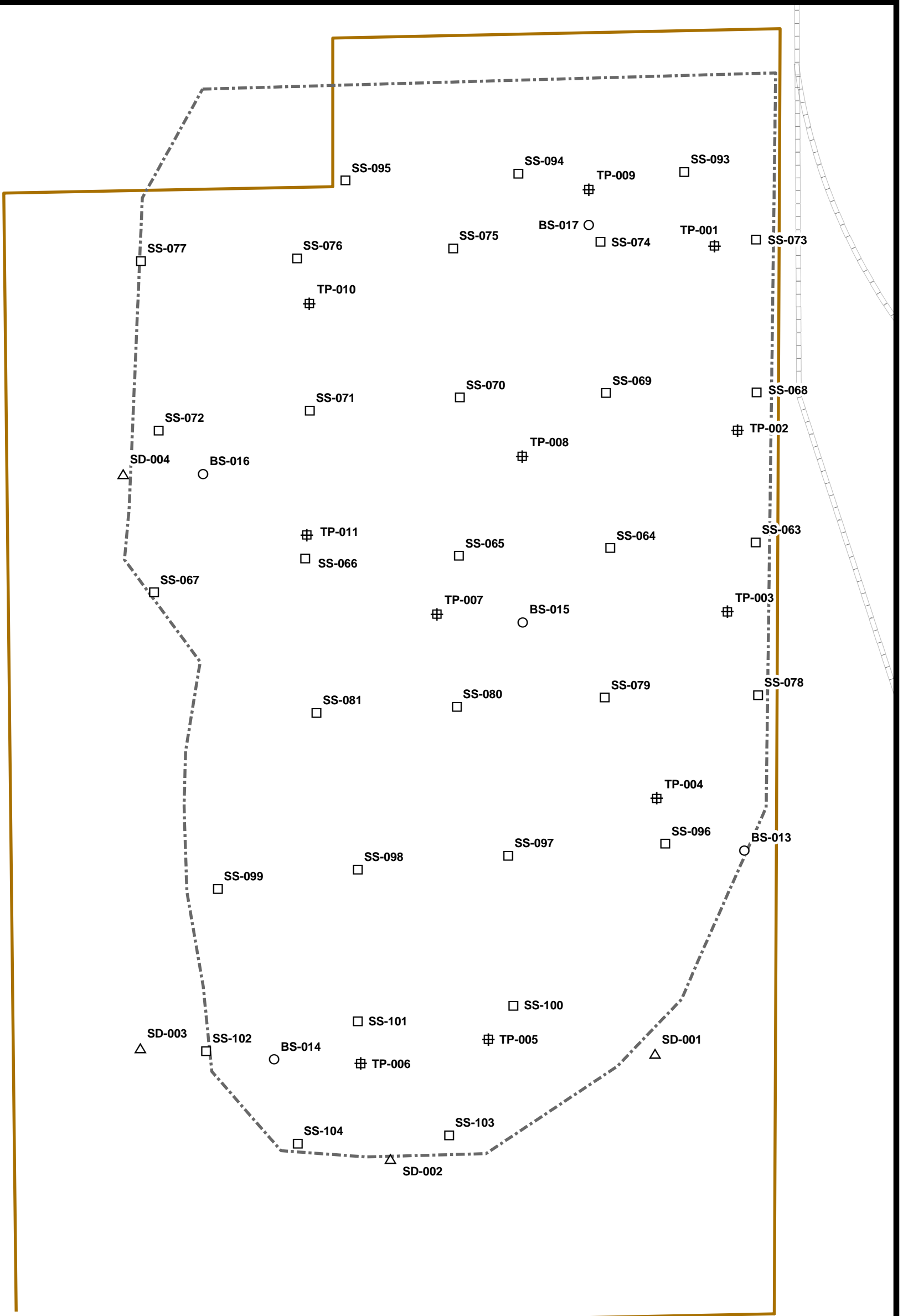
Notes:
1. Niagara County color digital orthoimagery (2002) obtained from New York State GIS Clearinghouse at: <http://www.nysgis.state.ny.us>
2. Approximate Property Lines from City of Lockport Tax Maps

INTERIM DATA SUMMARY REPORT - REMEDIAL INVESTIGATION
GUTERL SPECIALTY STEEL CORP. SITE
LOCKPORT, NEW YORK



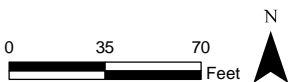
GUTERL SITE - SITE FEATURES
Project 3612-06-2057
Figure 1.1

Prepared/Date: BRP 06/06/08
Checked/Date: ECS 06/06/08

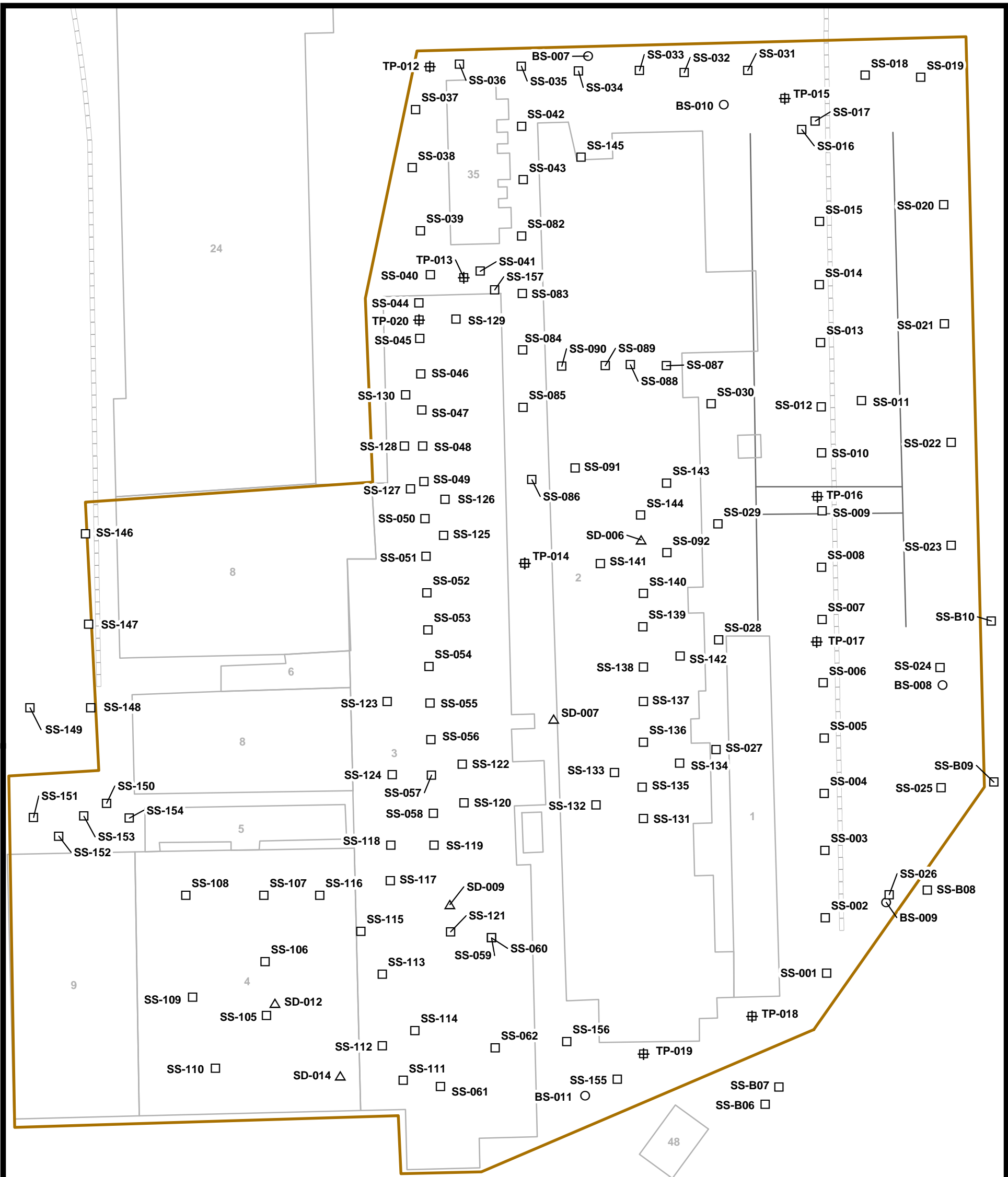


Legend

- △ Sediment
- Soil Boring
- Surface Soil
- ⊕ Test Pit
- ▭ Property Boundary
- ⋯ Approximate Landfill Boundary
- ▭ Buildings
- Crane
- ⋯ Former Rail Lines

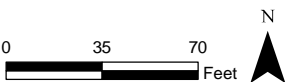


Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08

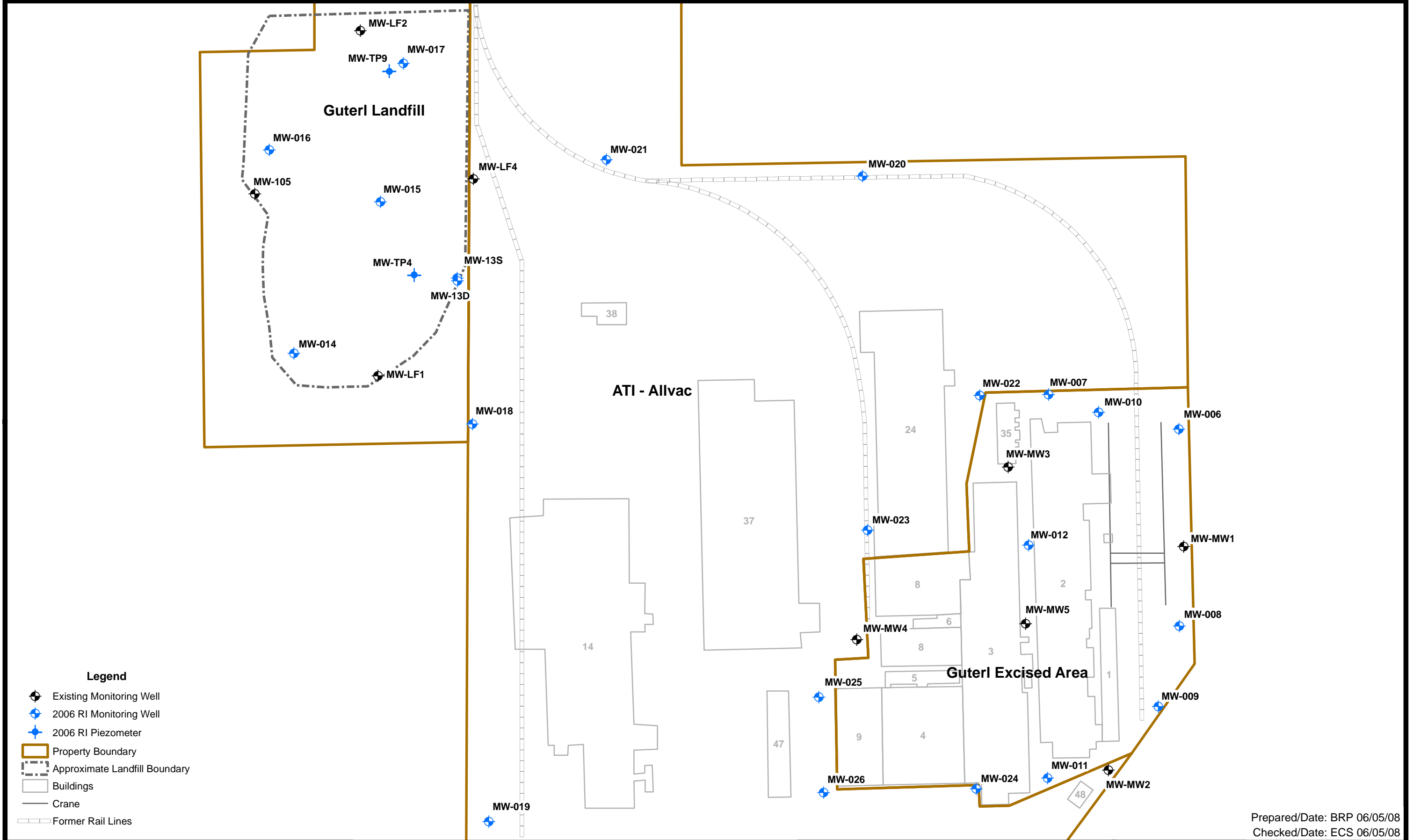


Legend

- △ Sediment
- Soil Boring
- Surface Soil
- ⊕ Test Pit
- ▭ Property Boundary
- - - Approximate Landfill Boundary
- ▭ Buildings
- Crane
- - - Former Rail Lines



Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



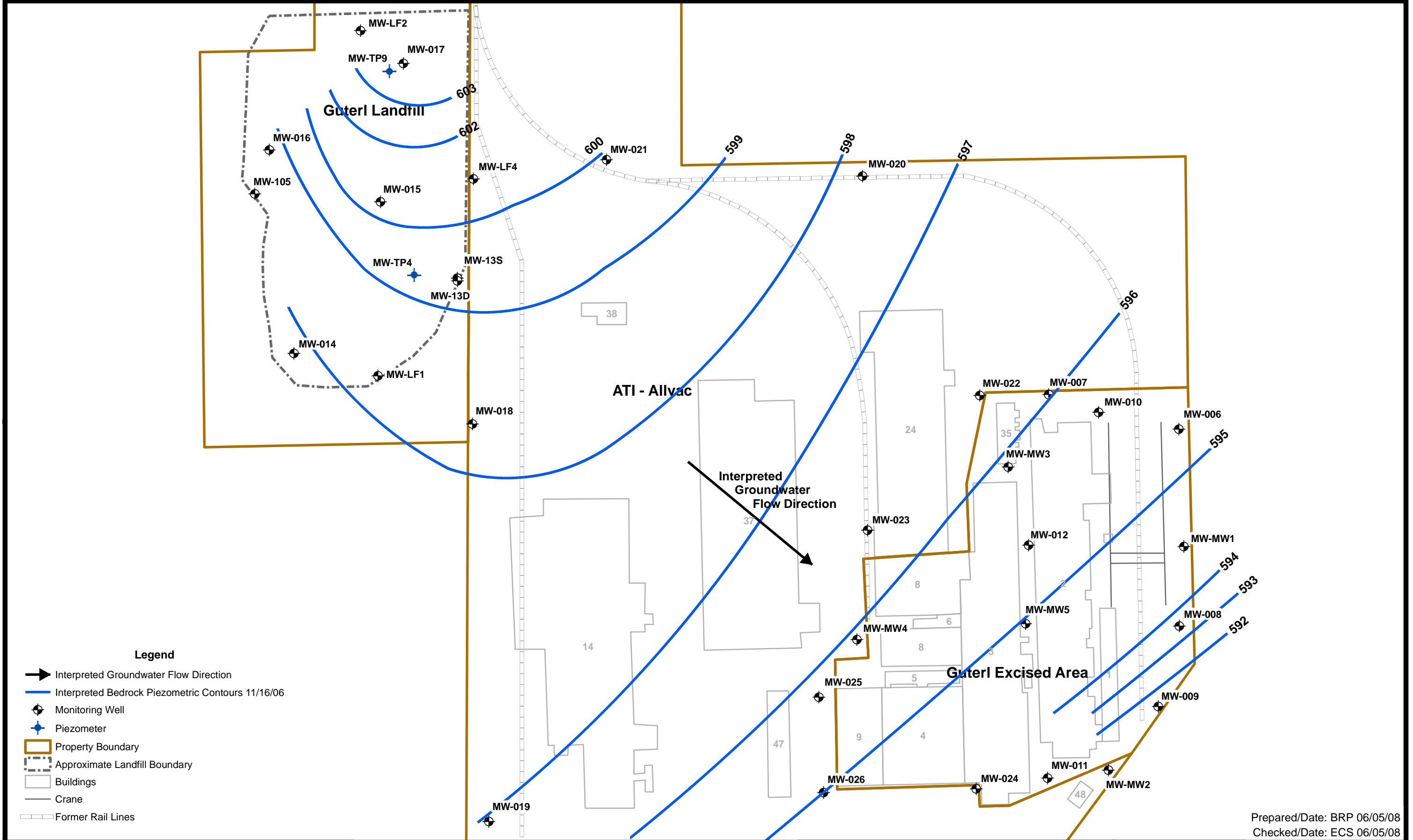
Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



INTERIM DATA SUMMARY REPORT - REMEDIAL INVESTIGATION
GUTERL SPECIALTY STEEL CORP. SITE
LOCKPORT, NEW YORK



GROUNDWATER EXPLORATION LOCATIONS
Project 3612-06-2057 Figure 2.3



Legend

- ➔ Interpreted Groundwater Flow Direction
- Interpreted Bedrock Piezometric Contours 11/16/06
- ⊕ Monitoring Well
- ⊕ Piezometer
- ▭ Property Boundary
- ⋯ Approximate Landfill Boundary
- ▭ Buildings
- Crane
- ⋯ Former Rail Lines

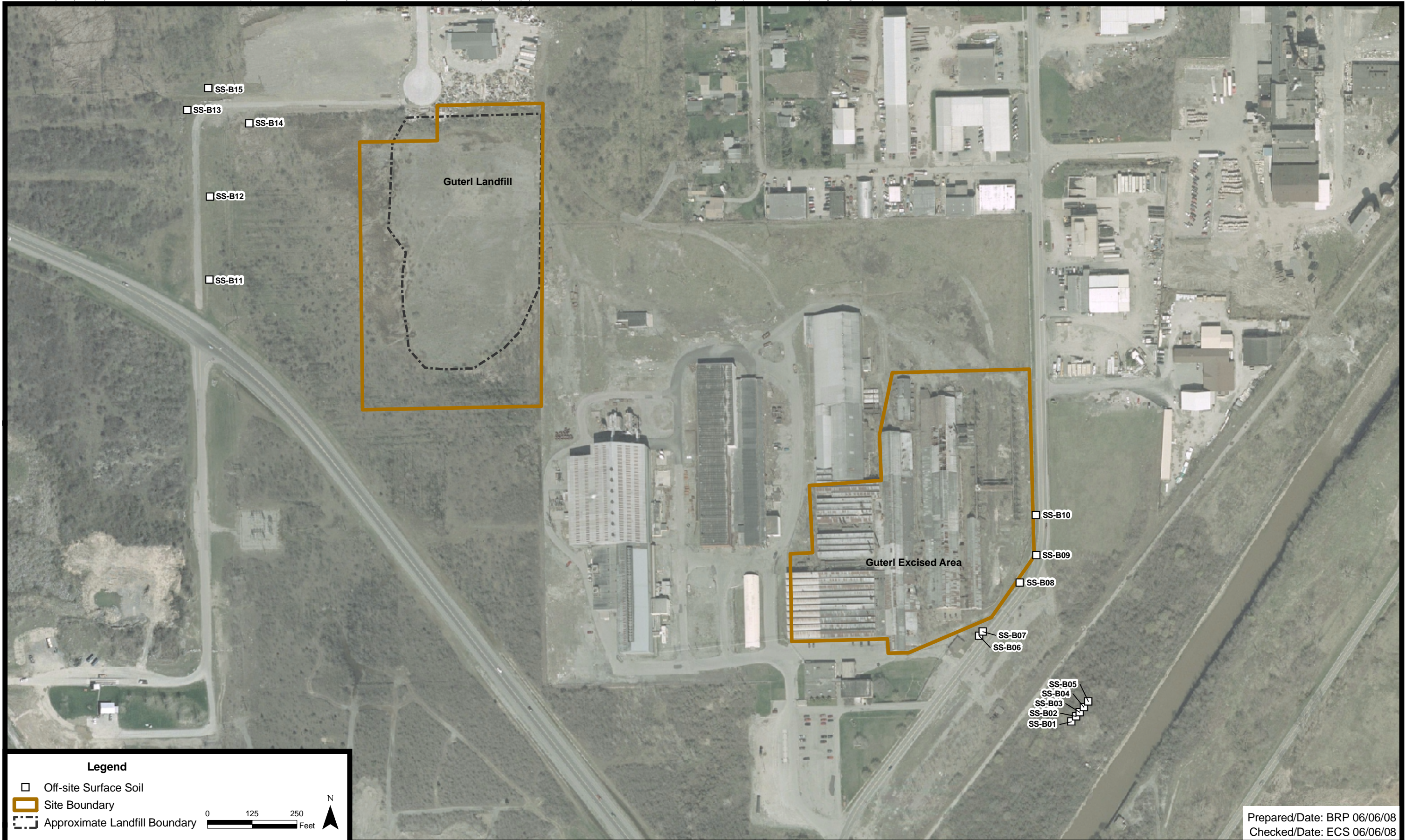
Prepared/Date: BRP 06/05/08
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 GUTERL SPECIALTY STEEL CORP. SITE
 LOCKPORT, NEW YORK



BEDROCK PIEZOMETRIC HEAD 11/16/06
 Project 3612-06-2057
 Figure 2.4



Legend

- Off-site Surface Soil
- ▭ Site Boundary
- ⋯ Approximate Landfill Boundary

0 125 250 Feet

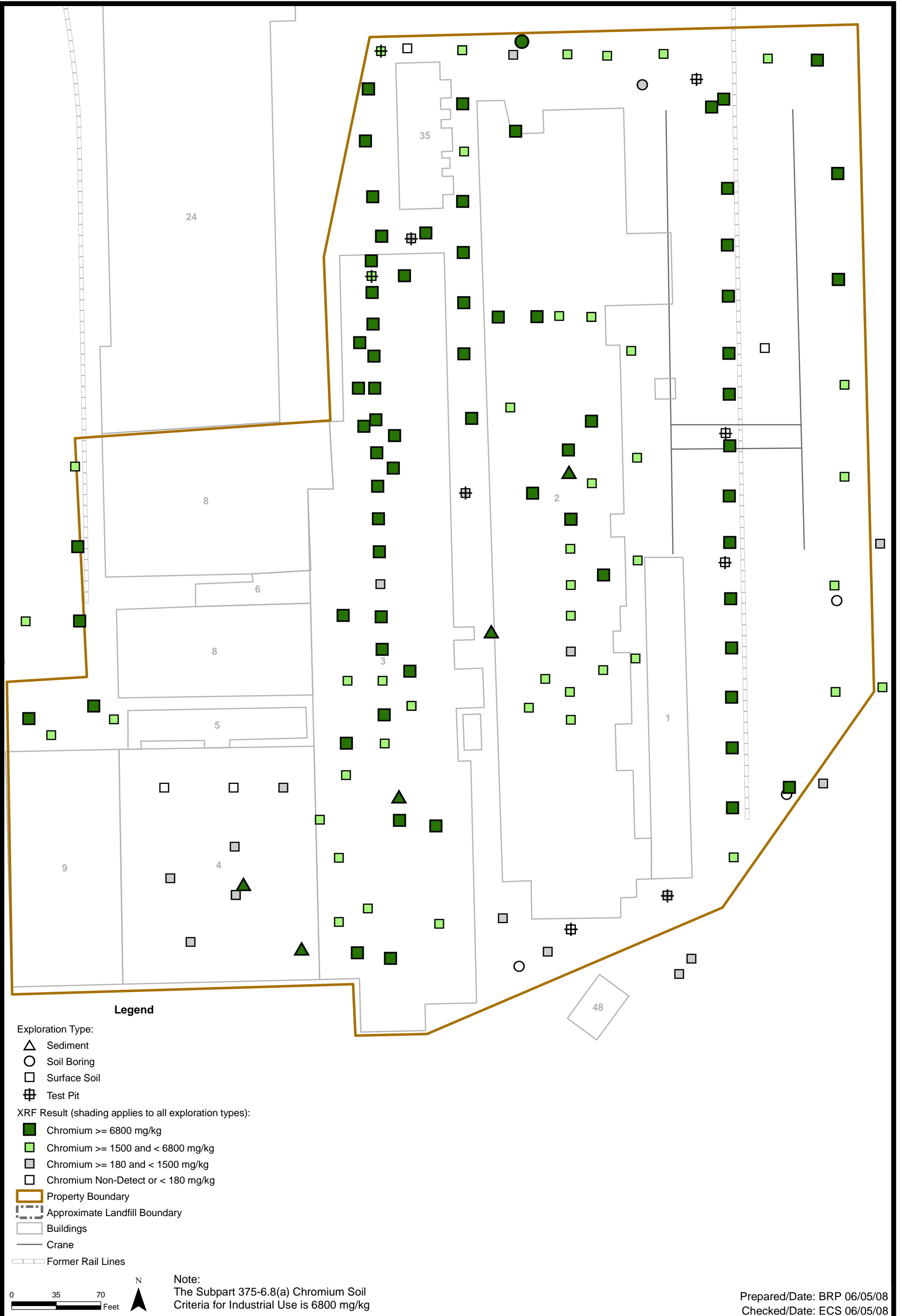
Notes:
1. Niagara County color digital orthoimagery (2002) obtained from New York State GIS Clearinghouse at: <http://www.nysgis.state.ny.us>
2. Approximate Property Lines from City of Lockport Tax Maps

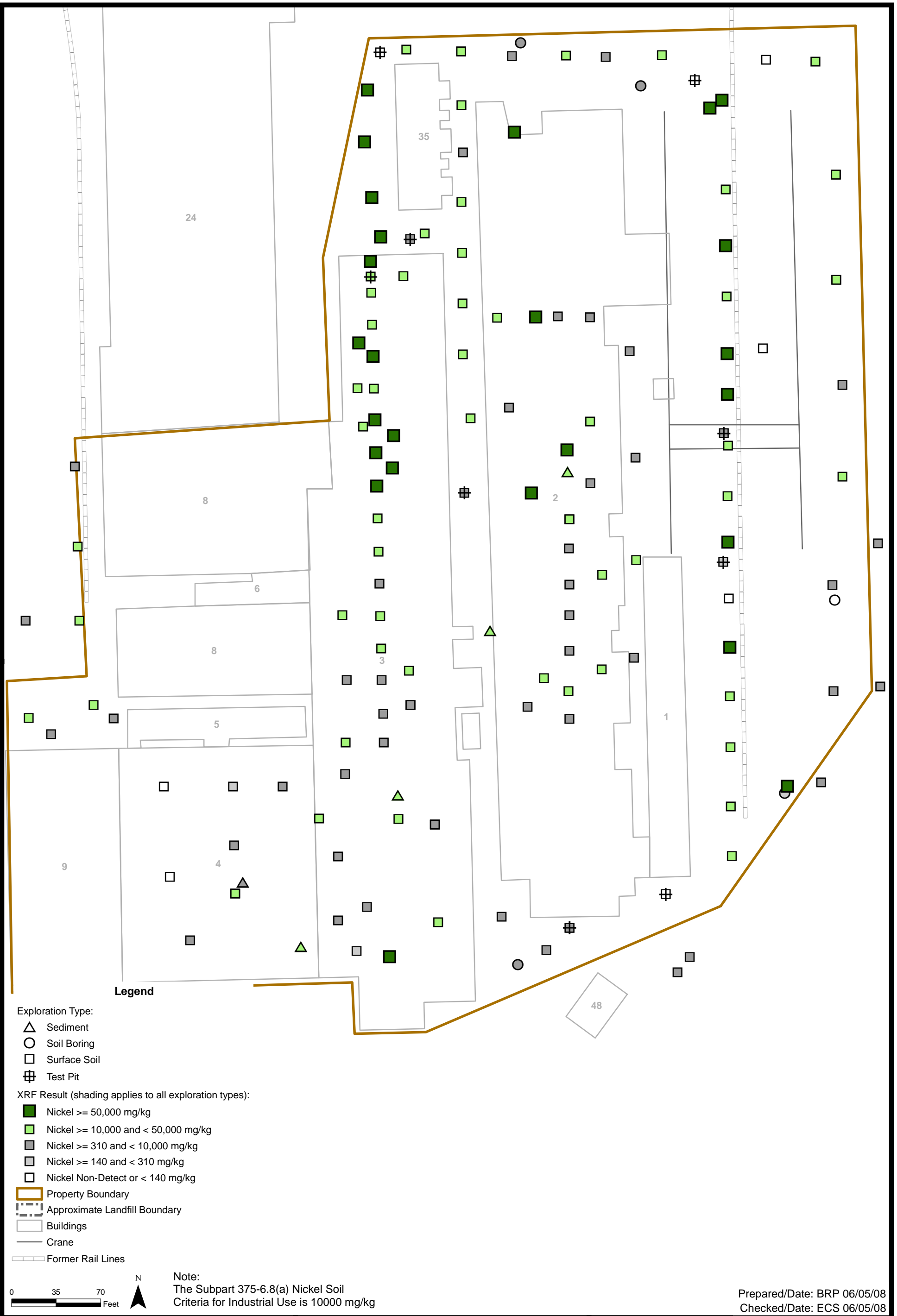
INTERIM DATA SUMMARY REPORT - REMEDIAL INVESTIGATION
GUTERL SPECIALTY STEEL CORP. SITE
LOCKPORT, NEW YORK



OFF-SITE SURFACE SOIL LOCATIONS
Project 3612-06-2057
Figure 3.1

Prepared/Date: BRP 06/06/08
Checked/Date: ECS 06/06/08

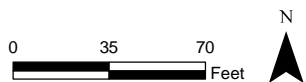




- Exploration Type:**
- ▲ Sediment
 - Soil Boring
 - Surface Soil
 - ⊞ Test Pit

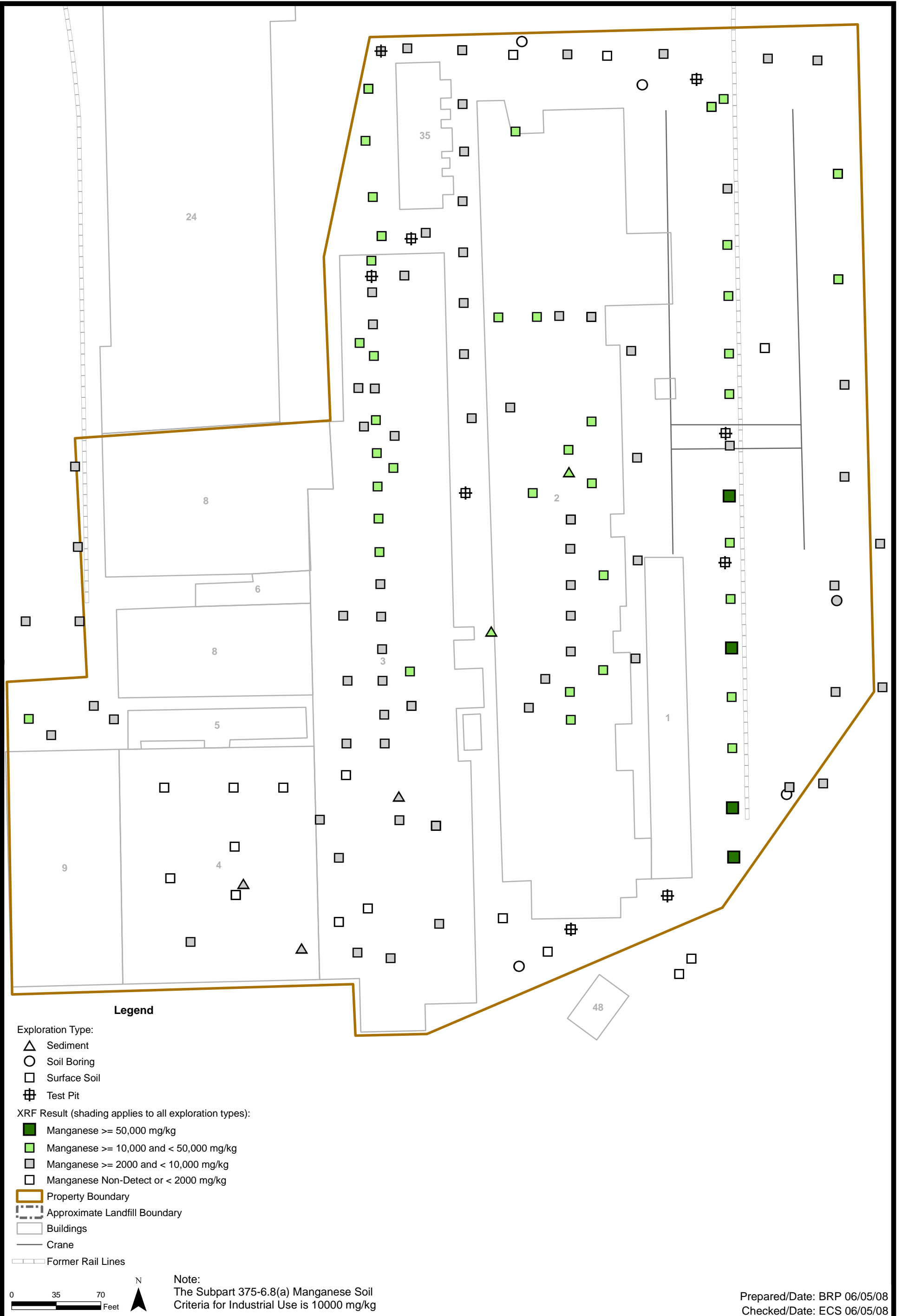
- XRF Result (shading applies to all exploration types):**
- Nickel >= 50,000 mg/kg
 - Nickel >= 10,000 and < 50,000 mg/kg
 - Nickel >= 310 and < 10,000 mg/kg
 - Nickel >= 140 and < 310 mg/kg
 - Nickel Non-Detect or < 140 mg/kg

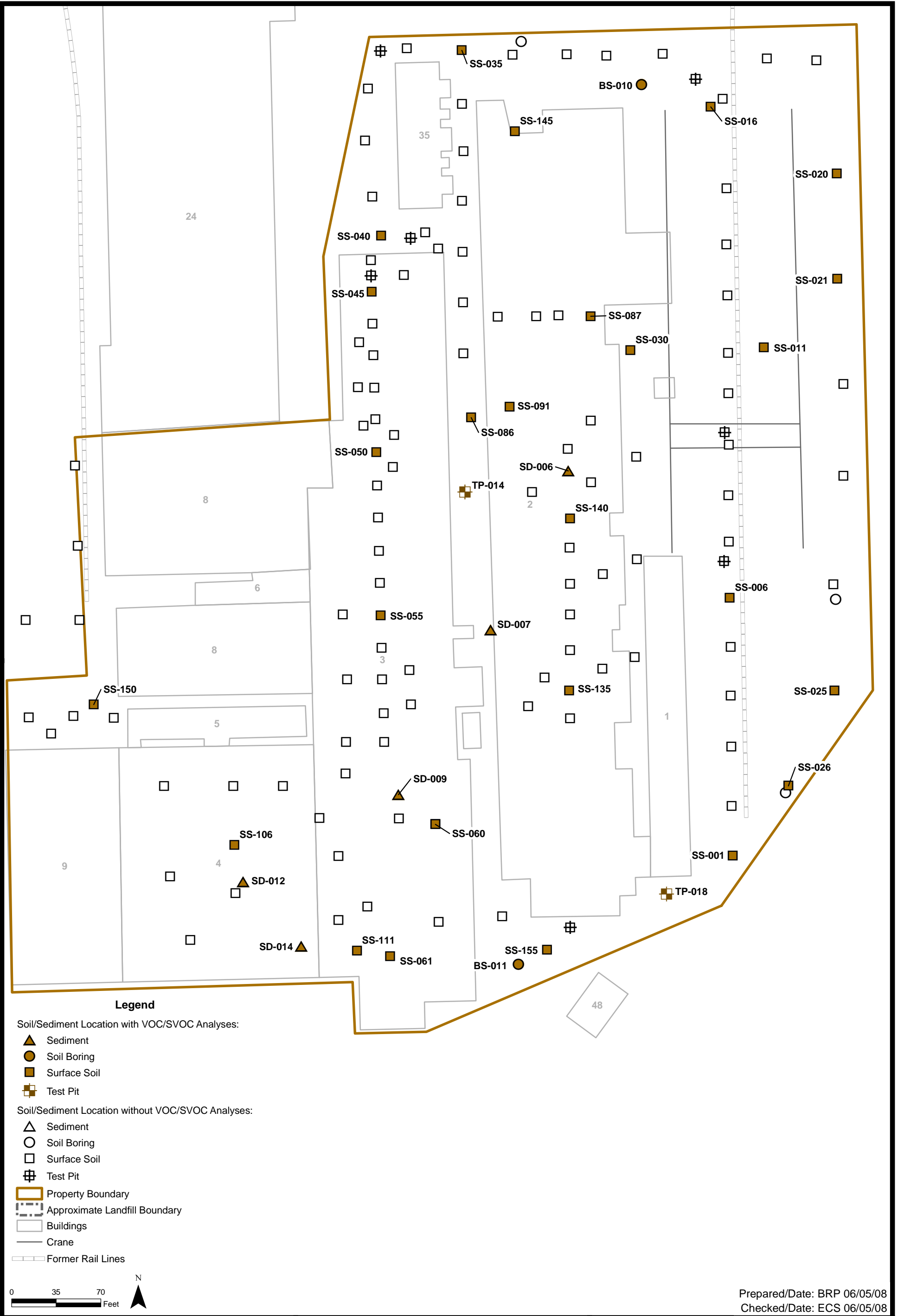
- Property Boundary
- - - Approximate Landfill Boundary
- ▭ Buildings
- Crane
- Former Rail Lines



Note:
The Subpart 375-6.8(a) Nickel Soil
Criteria for Industrial Use is 10000 mg/kg

Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08





Legend

Soil/Sediment Location with VOC/SVOC Analyses:

- ▲ Sediment
- Soil Boring
- Surface Soil
- ⊞ Test Pit

Soil/Sediment Location without VOC/SVOC Analyses:

- △ Sediment
- Soil Boring
- Surface Soil
- ⊞ Test Pit

- ▭ Property Boundary
- - - Approximate Landfill Boundary
- ▭ Buildings
- Crane
- ▭ Former Rail Lines



Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



Legend

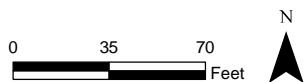
Exploration Type:

- △ Sediment
- Soil Boring
- Surface Soil
- ⊞ Test Pit

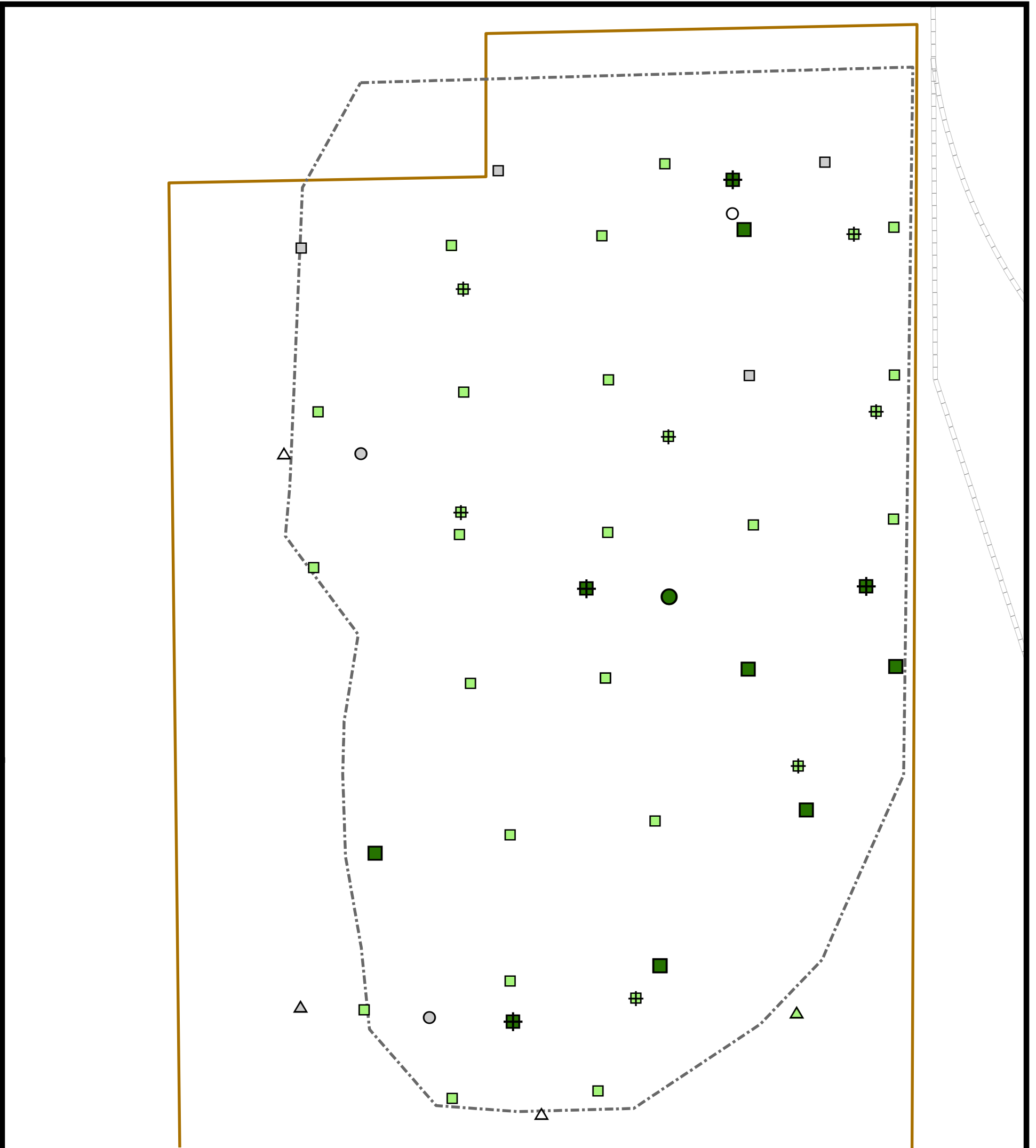
Result (shading applies to all exploration types):

- PCBs > 25 mg/kg
- PCBs >= 1 and < 25 mg/kg
- PCBs >= 0.1 and < 1 mg/kg
- PCBs Non-Detect or < 0.1 mg/kg

- ▭ Property Boundary
- - - Approximate Landfill Boundary
- ▭ Buildings
- Crane
- - - Former Rail Lines



Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



Legend

Exploration Type:

- △ Sediment
- Soil Boring
- Surface Soil
- ⊠ Test Pit

XRF Result (shading applies to all exploration types):

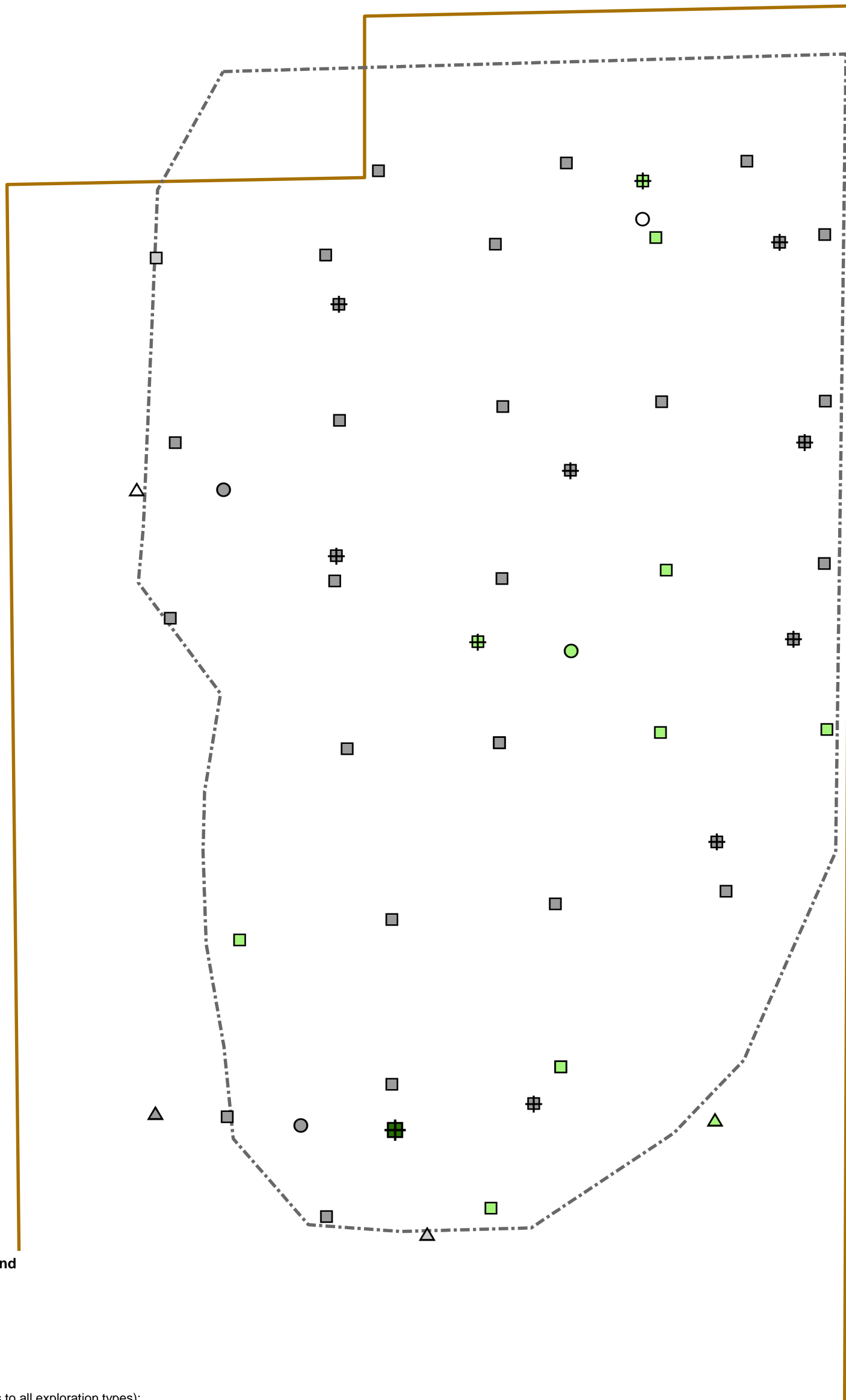
- Chromium >= 6800 mg/kg
- Chromium >= 1500 and < 6800 mg/kg
- Chromium >= 180 and < 1500 mg/kg
- Chromium Non-Detect or < 180 mg/kg

- ▭ Property Boundary
- - - Approximate Landfill Boundary
- ▭ Buildings
- Crane
- - - Former Rail Lines



Note:
The Subpart 375-6.8(a) Chromium Soil
Criteria for Industrial Use is 6800 mg/kg

Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



Legend

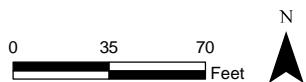
Exploration Type:

- △ Sediment
- Soil Boring
- Surface Soil
- ⊠ Test Pit

XRF Result (shading applies to all exploration types):

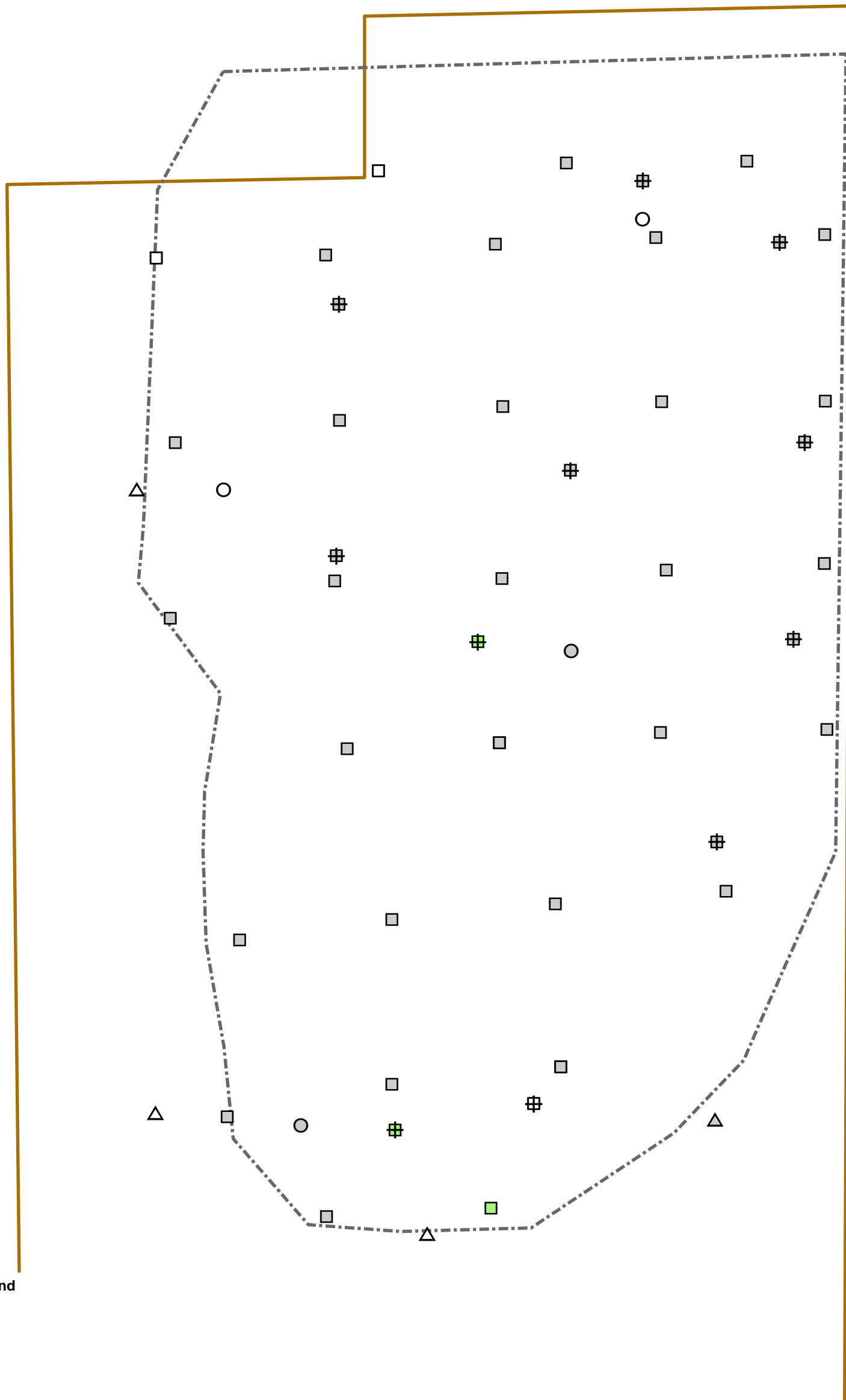
- Nickel >= 50,000 mg/kg
- Nickel >= 10,000 and < 50,000 mg/kg
- Nickel >= 310 and < 10,000 mg/kg
- Nickel >= 140 and < 310 mg/kg
- Nickel Non-Detect or < 140 mg/kg

- ▭ Property Boundary
- ⋯ Approximate Landfill Boundary
- ▭ Buildings
- Crane
- ▭ Former Rail Lines



Note:
The Subpart 375-6.8(a) Nickel Soil
Criteria for Industrial Use is 10000 mg/kg

Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



Legend

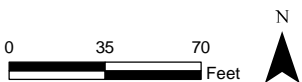
Exploration Type:

- △ Sediment
- Soil Boring
- Surface Soil
- ⊕ Test Pit

XRF Result (shading applies to all exploration types):

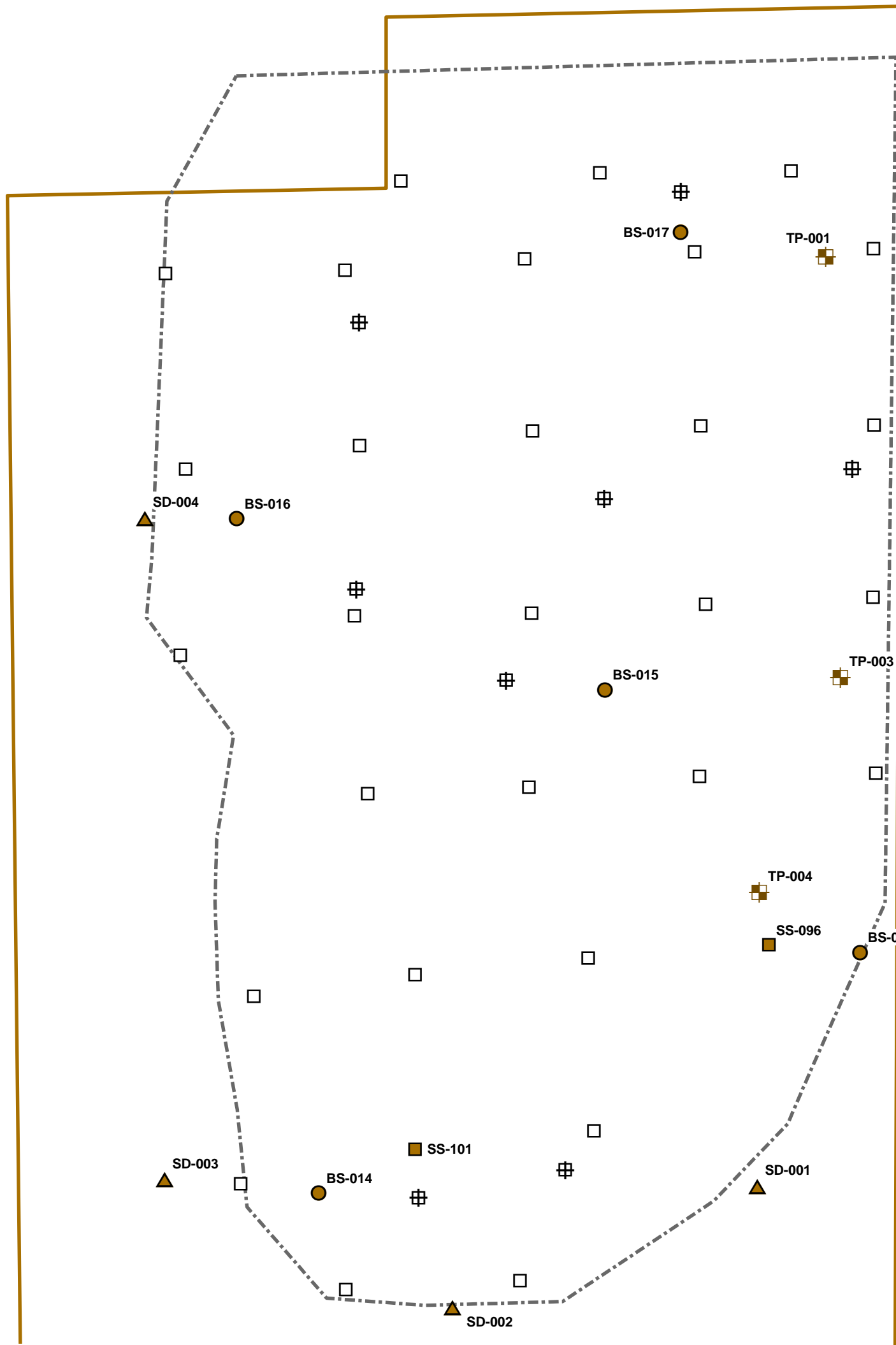
- Manganese >= 50,000 mg/kg
- Manganese >= 10,000 and < 50,000 mg/kg
- Manganese >= 2000 and < 10,000 mg/kg
- Manganese Non-Detect or < 2000 mg/kg

- ▭ Property Boundary
- ⋯ Approximate Landfill Boundary
- ▭ Buildings
- Crane
- ▭▭▭ Former Rail Lines



Note:
The Subpart 375-6.8(a) Manganese Soil
Criteria for Industrial Use is 10000 mg/kg

Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



Legend

Soil/Sediment Location with VOC/SVOC Analyses:

- ▲ Sediment
- Soil Boring
- Surface Soil
- ⊕ Test Pit

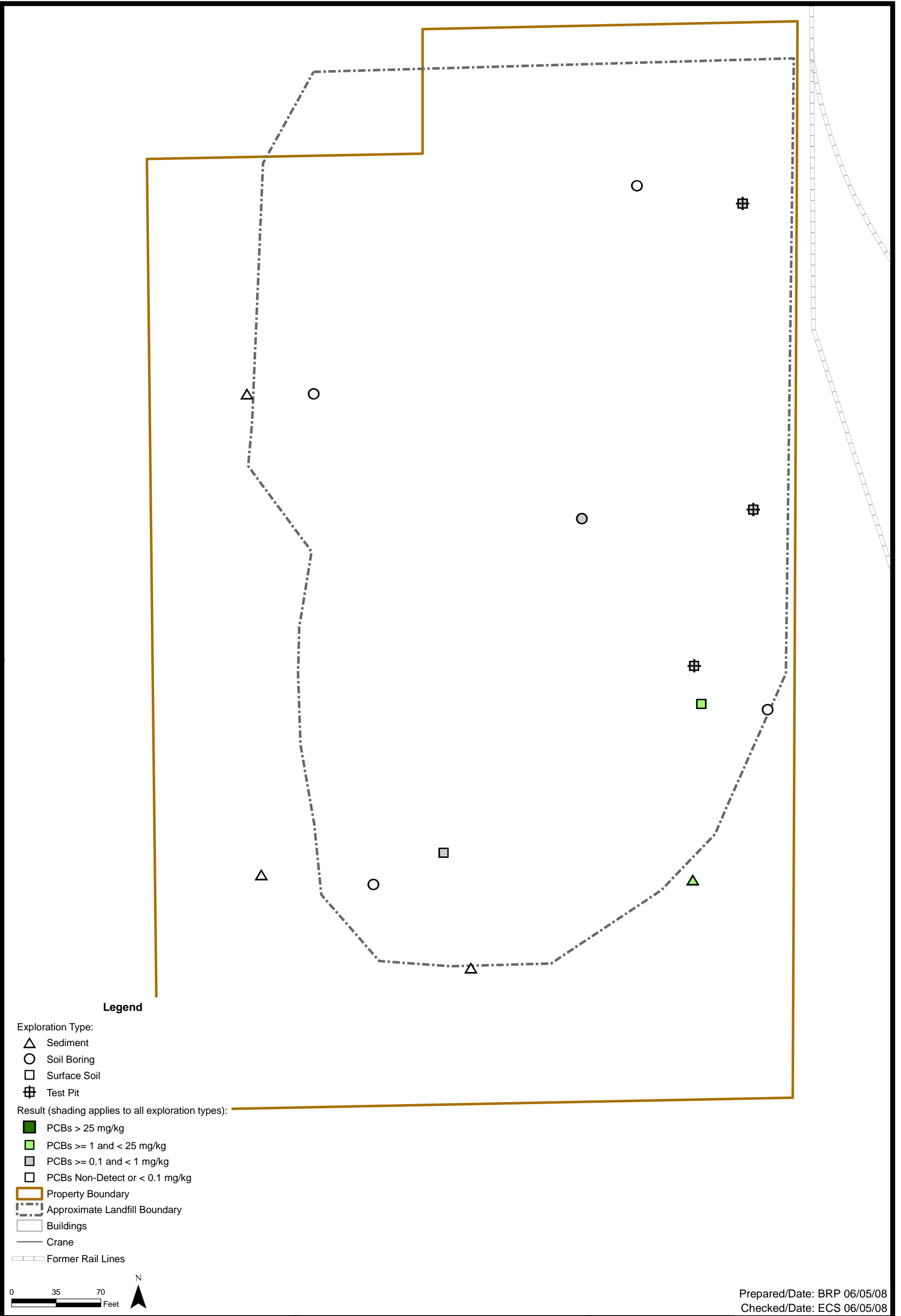
Soil/Sediment Location without VOC/SVOC Analyses:

- △ Sediment
- Soil Boring
- Surface Soil
- ⊕ Test Pit

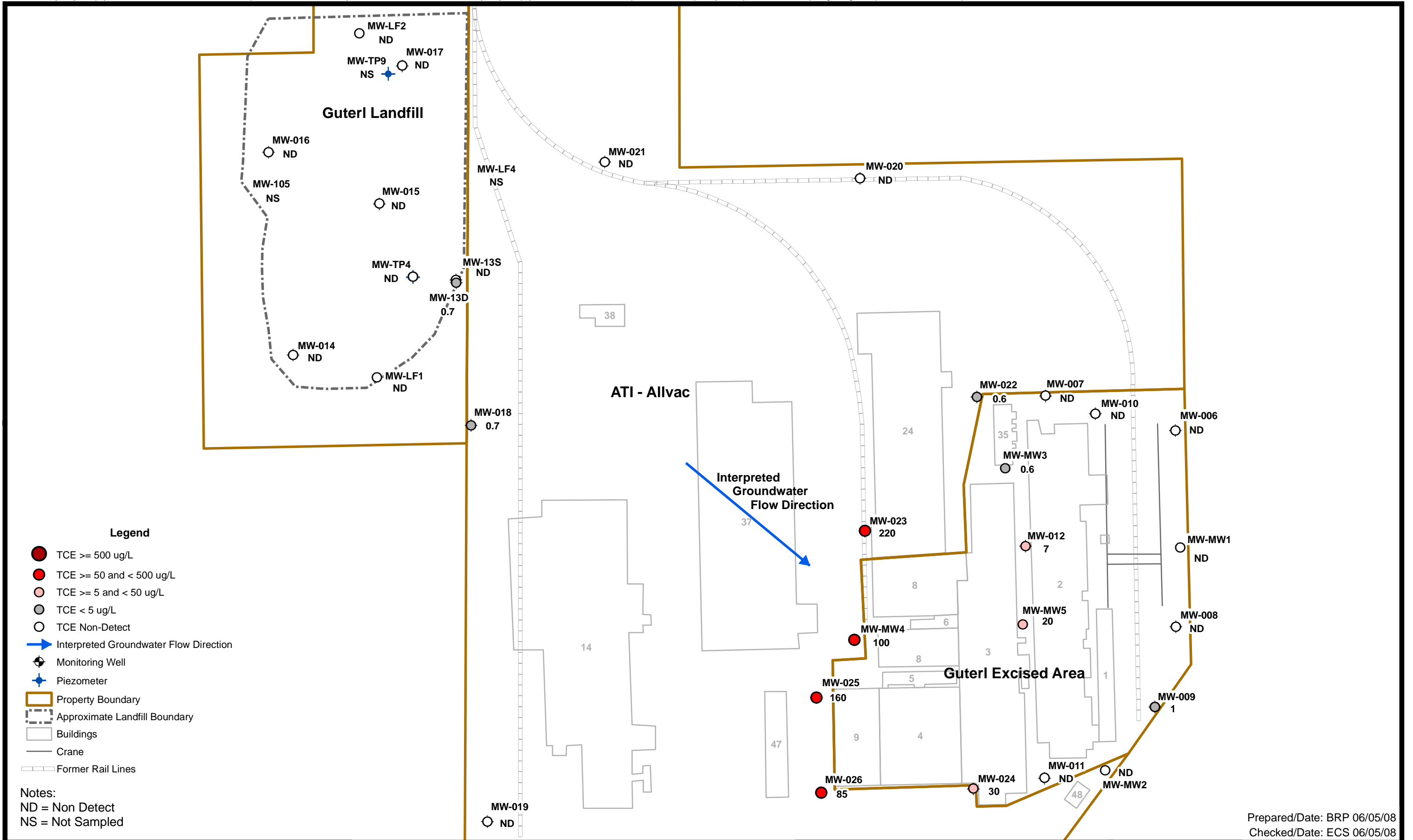
- ▭ Property Boundary
- - - Approximate Landfill Boundary
- ▭ Buildings
- Crane
- ▭▭▭ Former Rail Lines



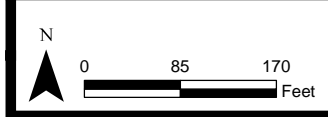
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Checked/Date: ECS 06/05/08



Prepared/Date: BRP 06/05/08
Checked/Date: ECS 06/05/08



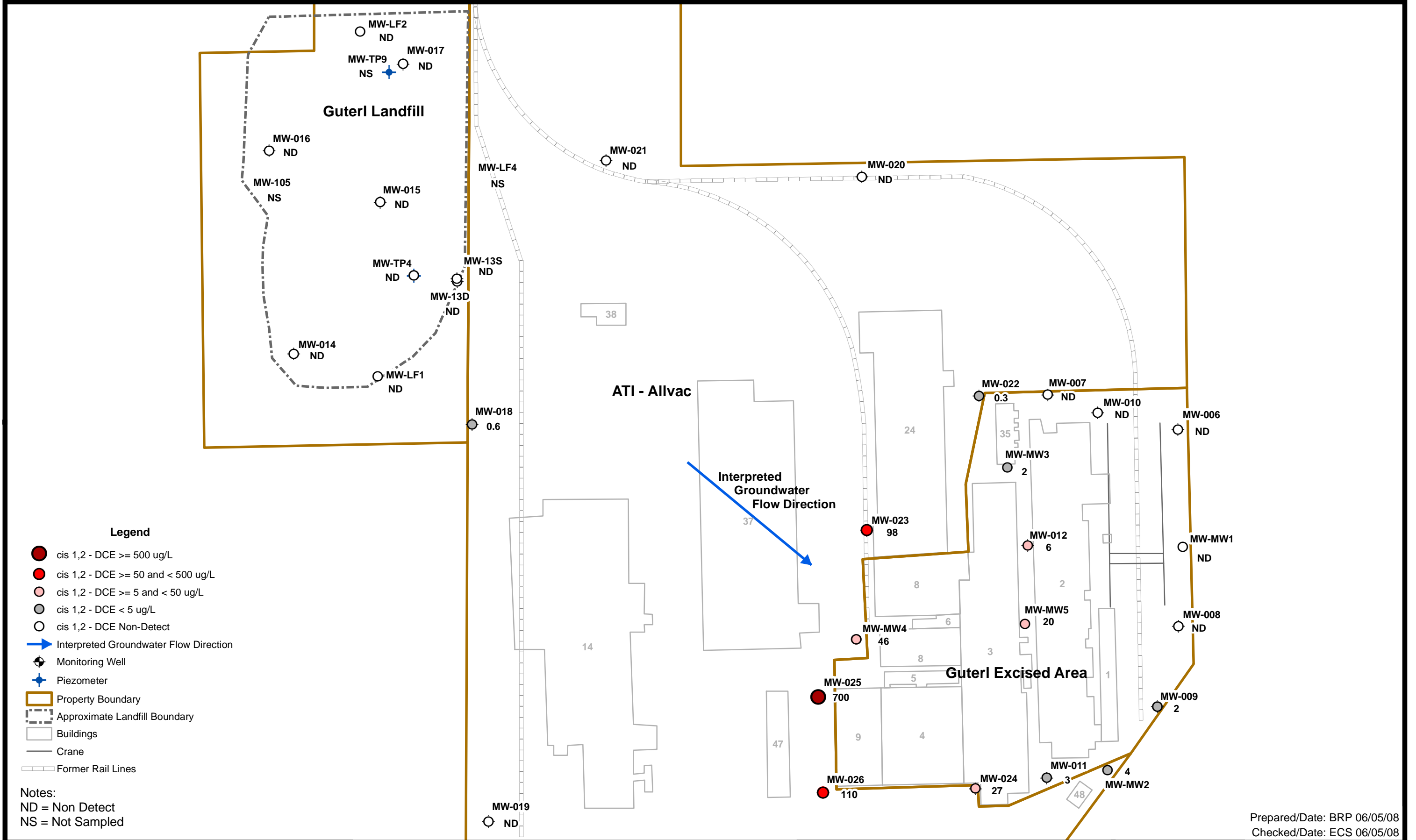
Prepared/Date: BRP 06/05/08
 Checked/Date: ECS 06/05/08



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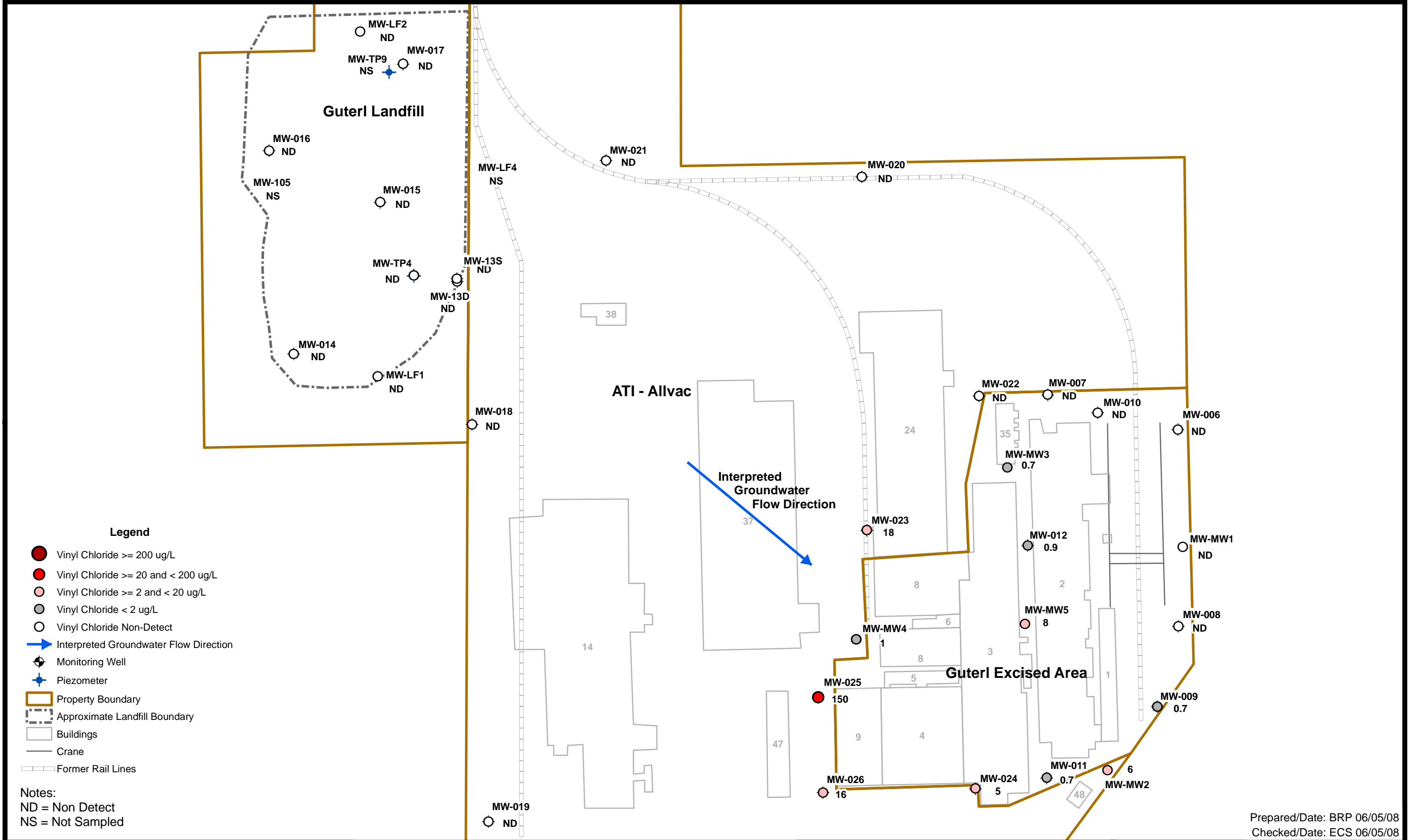


TRICHLOROETHENE IN GROUNDWATER
 Project 3612-06-2057
 Figure 3.12



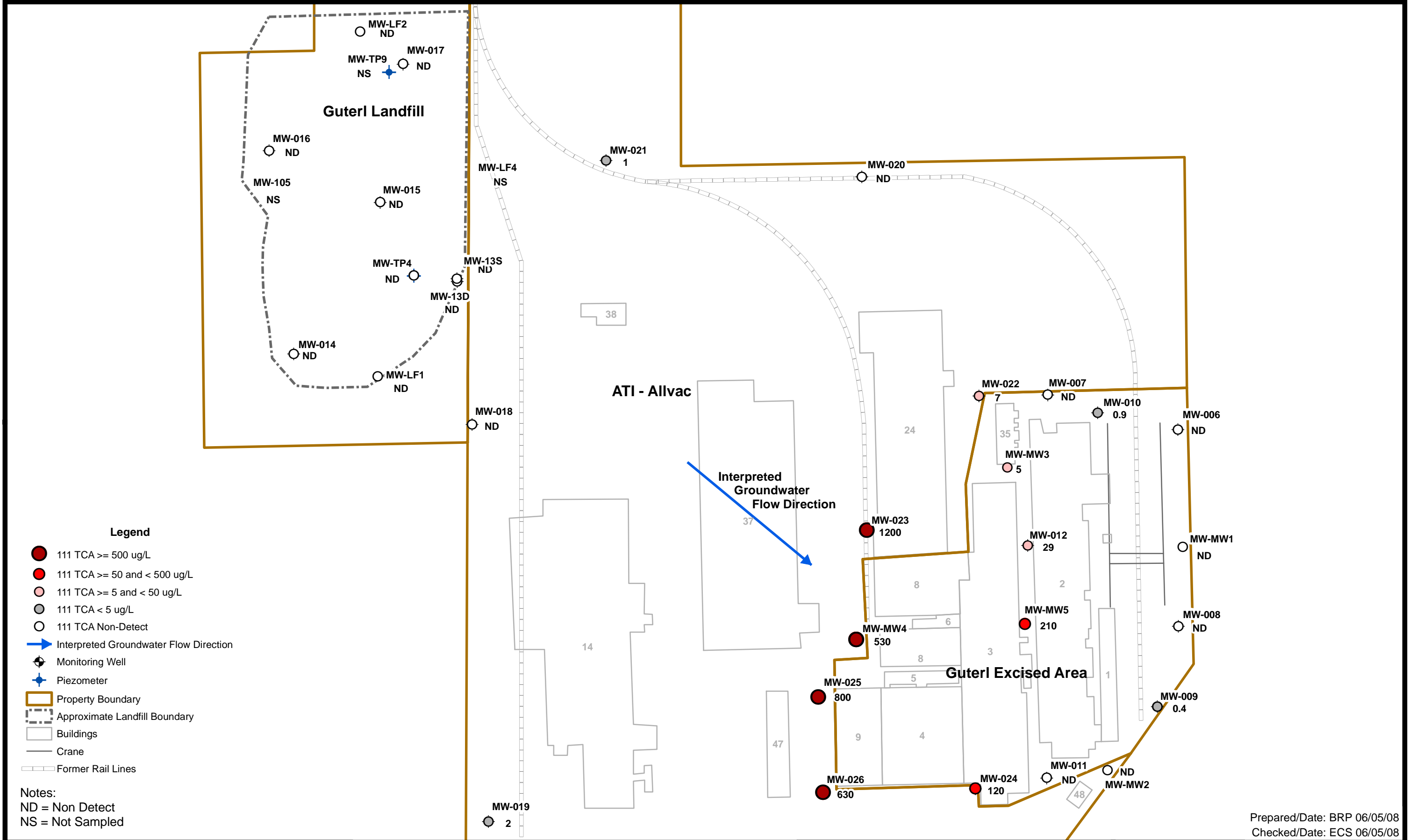
Prepared/Date: BRP 06/05/08
 Checked/Date: ECS 06/05/08



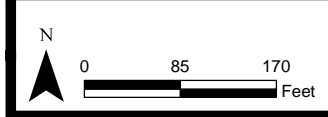


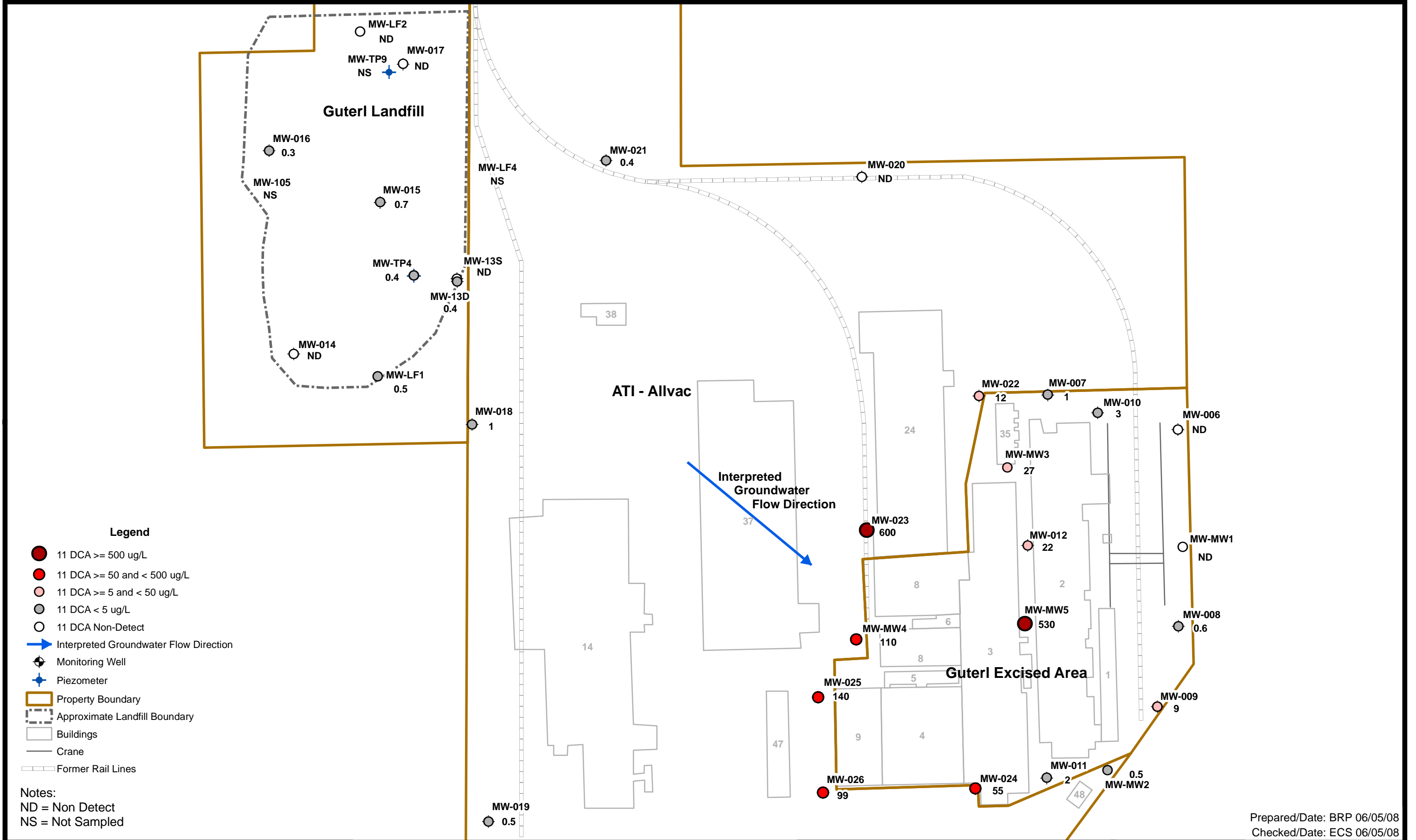
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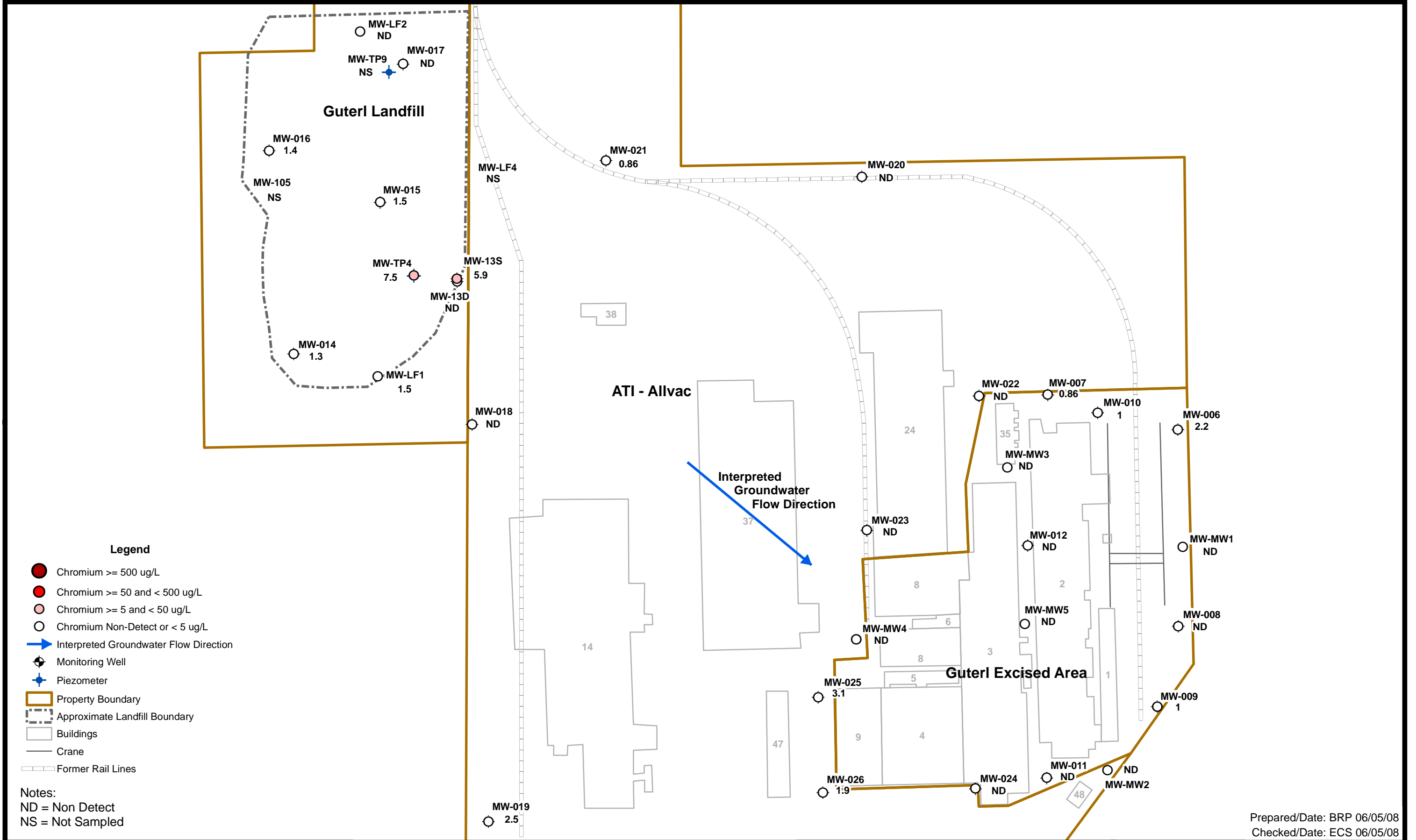
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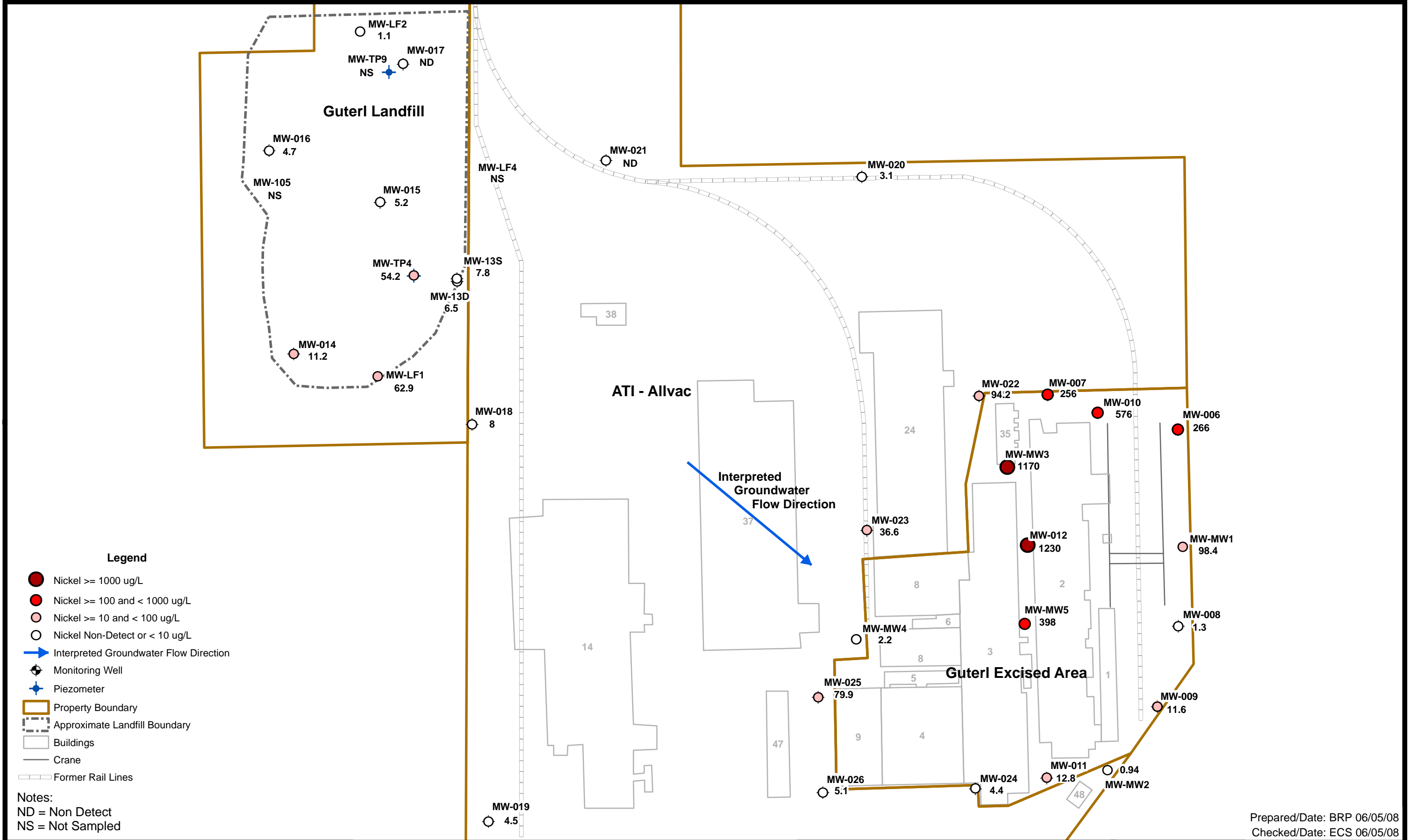
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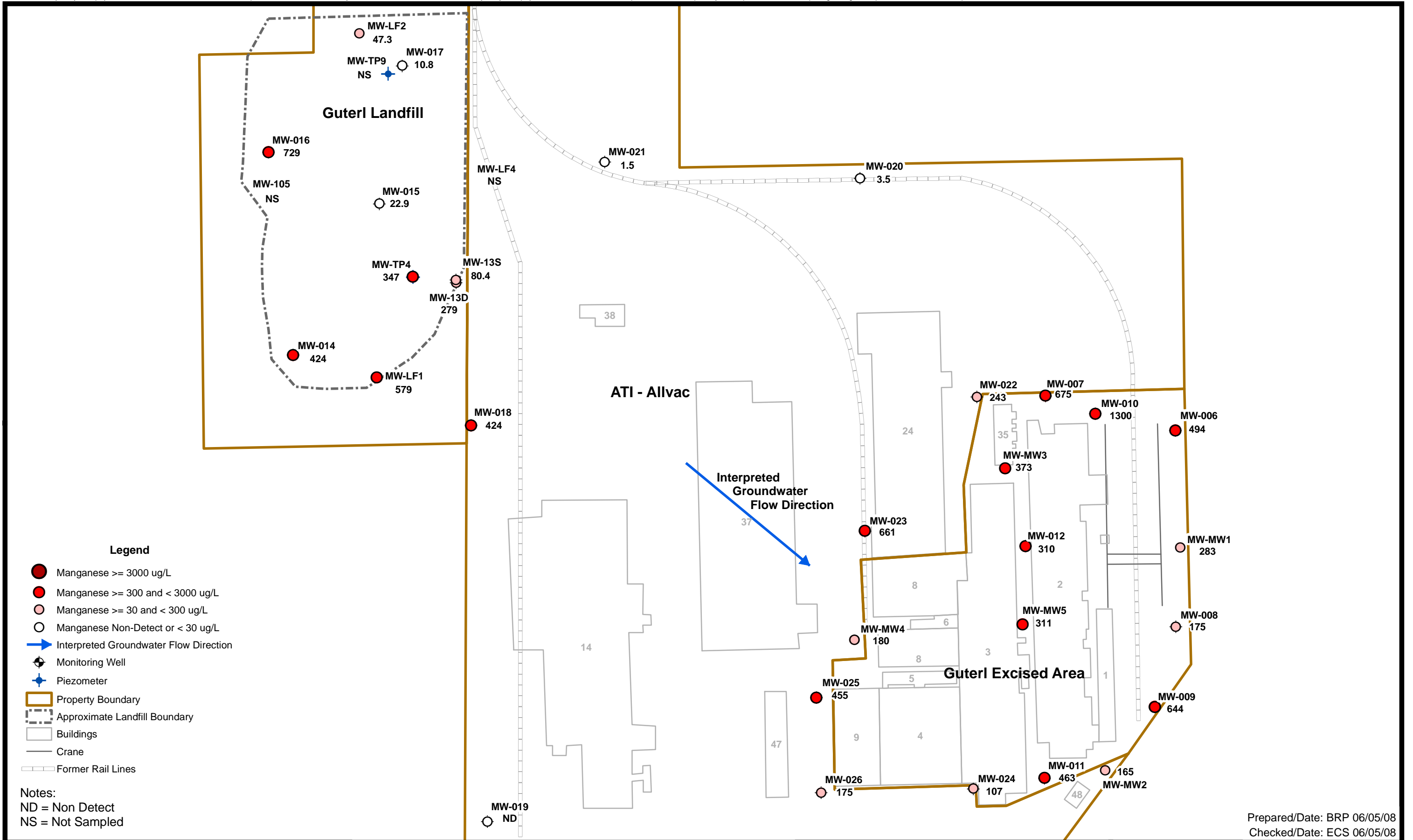
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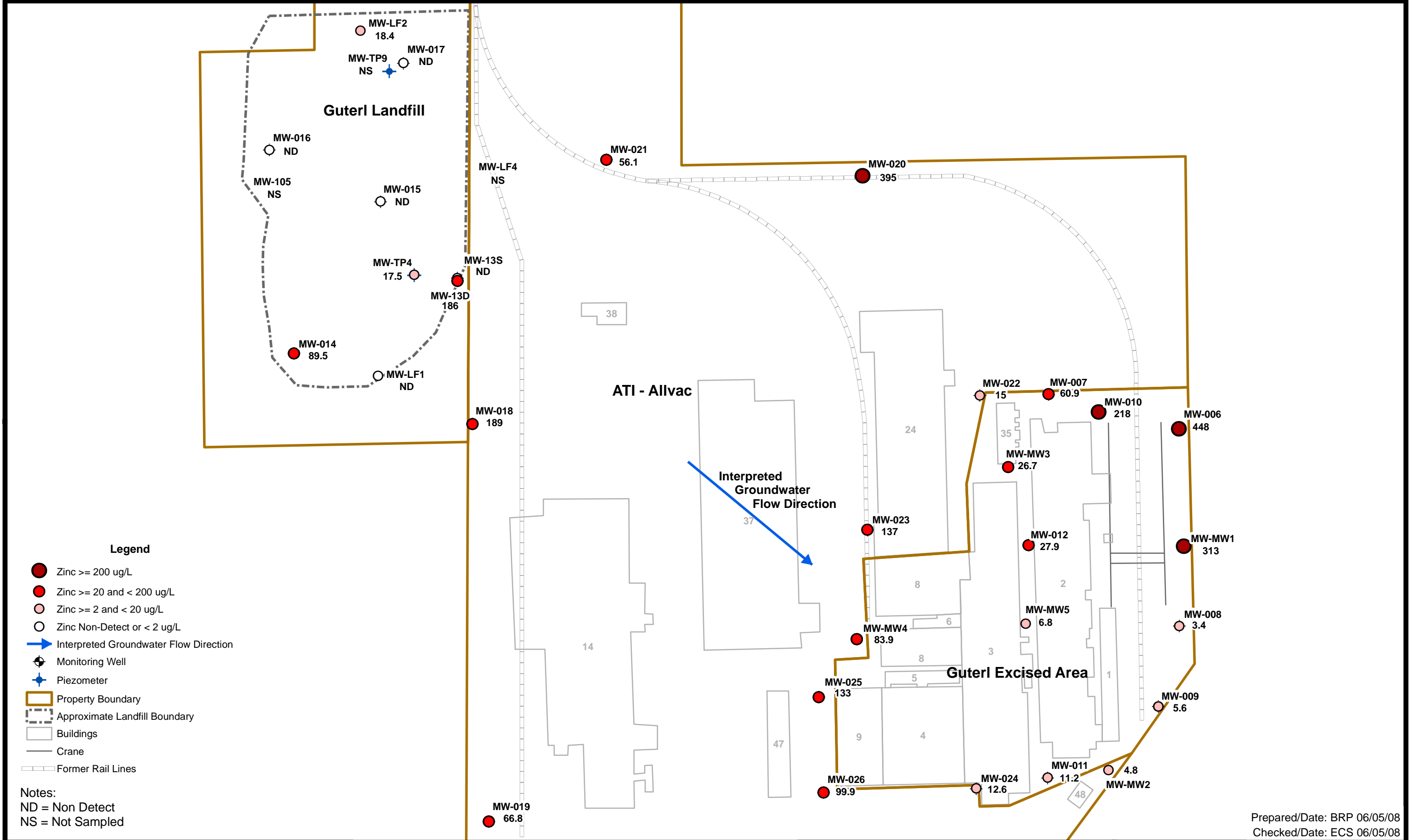
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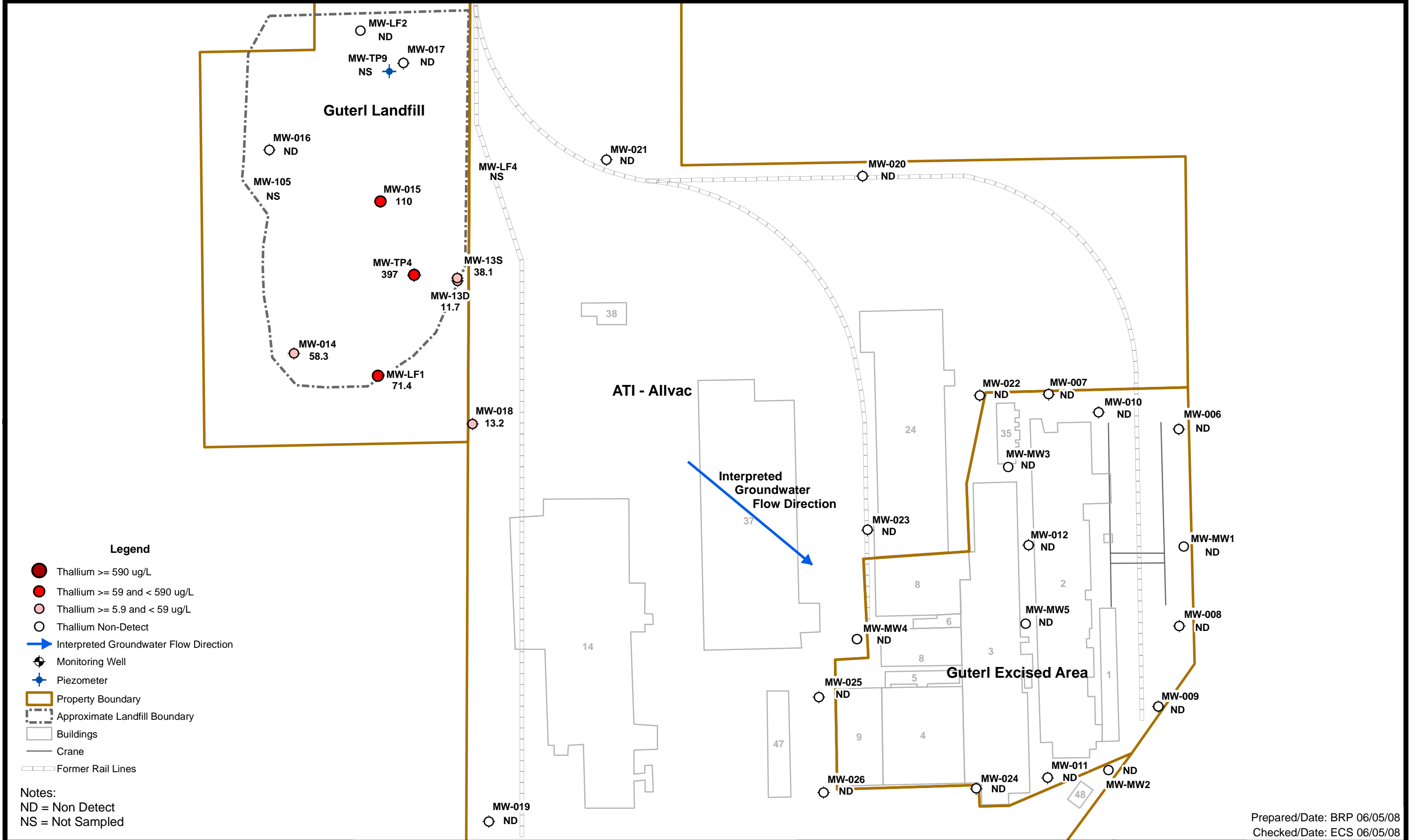
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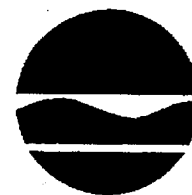


APPENDIX A

FIELD DATA RECORDS

A-1

MONITORING WELL INSTALLATION DIAGRAMS



MONITORING WELL LOG

Project Name:	Guterl Excised Area	Hole Designation:	MW-1
Site Number:	Unlisted	Date Completed:	5/1597
Location:	Lockport, New York	Drilling Company:	Maxim Technologies
Screen Type:	PVC	Casing Type:	Steel
Screen Diameter:	2 inch	Casing Diameter:	6 inch
Screen Length:	5 feet	Total Depth:	15.0 feet

Top of Riser Elevation: 599.14 ft amsl

Ground Surface Elevation:
597.20 ft amsl

Top of Grout: 0.0 ft

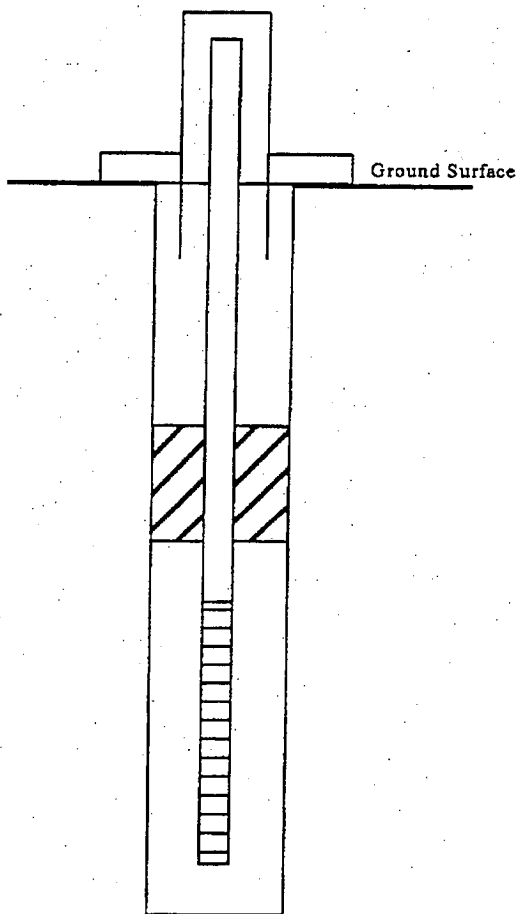
Top of Seal: 5.5 ft

Top of Filter Pack: 7.5 ft

Top of Screen: 9.7 ft

Bottom of Screen: 14.7 ft

Bottom of Filter Pack: 15.0 ft





MONITORING WELL LOG

Project Name: Guterl Excised Area	Hole Designation: MW-2
Site Number: Unlisted	Date Completed: 5/16/97
Location: Lockport, New York	Drilling Company: Maxim Technologies
Screen Type: PVC	Casing Type: Steel
Screen Diameter: 2 inch	Casing Diameter: 6 inch
Screen Length: 5 feet	Total Depth: 14.5 feet

Top of Riser Elevation: 598.56 ft amsl

Ground Surface Elevation:
596.70 ft amsl

Top of Grout: 0.0 ft

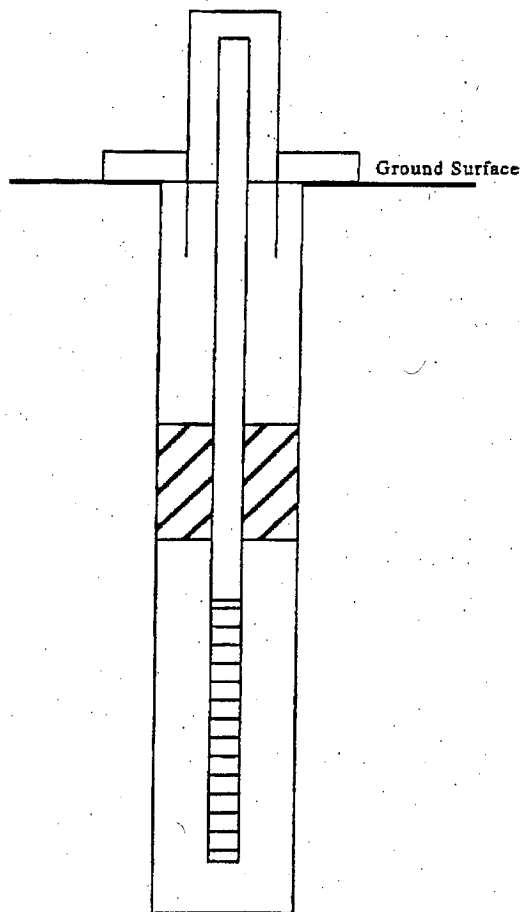
Top of Seal: 5.5 ft

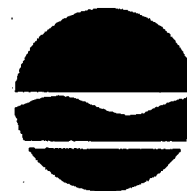
Top of Filter Pack: 7.5 ft

Top of Screen: 9.2 ft

Bottom of Screen: 14.2 ft

Bottom of Filter Pack: 14.5 ft





MONITORING WELL LOG

Project Name:	Guterl Excised Area	Hole Designation:	MW-3
Site Number:	Unlisted	Date Completed:	5/14/97
Location:	Lockport, New York	Drilling Company:	Maxim Technologies
Screen Type:	PVC	Casing Type:	Steel
Screen Diameter:	2 inch	Casing Diameter:	6 inch
Screen Length:	5 feet	Total Depth:	14.4 feet

Top of Riser Elevation: 598.82 ft amsl

Ground Surface Elevation:
597.00 ft amsl

Top of Grout: 0.0 ft

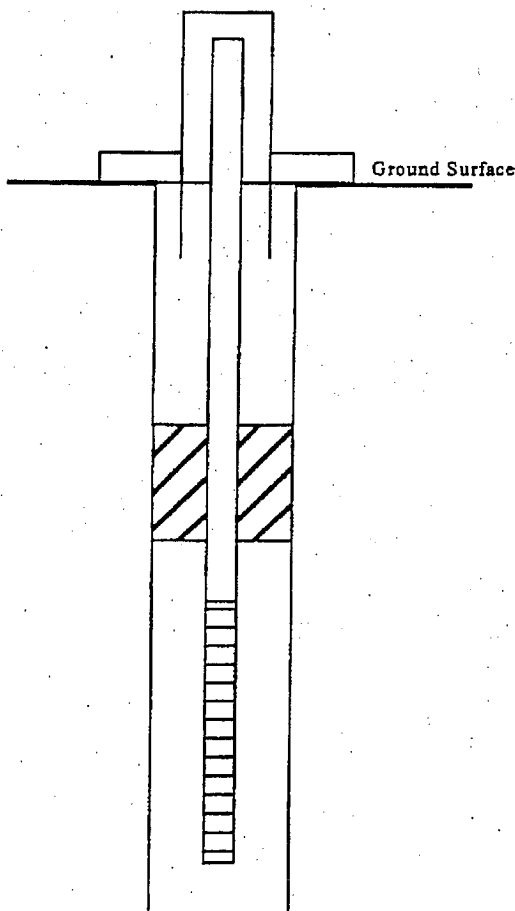
Top of Seal: 4.8 ft

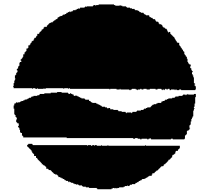
Top of Filter Pack: 7.2 ft

Top of Screen: 9.1 ft

Bottom of Screen: 14.1 ft

Bottom of Filter Pack: 14.4 ft





MONITORING WELL LOG

Project Name:	Guterl Excised Area	Hole Designation:	MW-4
Site Number:	Unlisted	Date Completed:	5/16/97
Location:	Lockport, New York	Drilling Company:	Maxim Technologies
Screen Type:	PVC	Casing Type:	Steel
Screen Diameter:	2 inch	Casing Diameter:	6 inch
Screen Length:	5 feet	Total Depth:	14.4 feet

Top of Riser Elevation: 598.67 ft amsl

Ground Surface Elevation:
596.50 ft amsl

Top of Grout: 0.0 ft

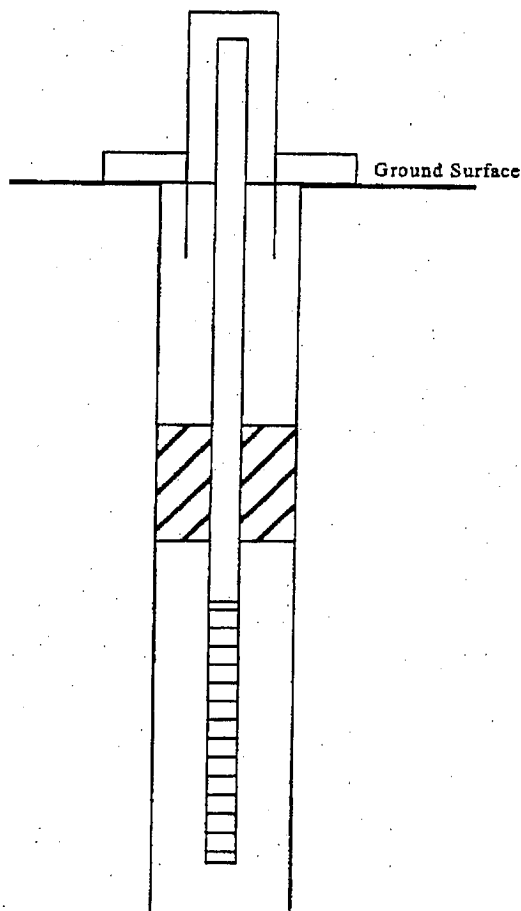
Top of Seal: 4.9 ft

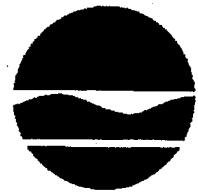
Top of Filter Pack: 6.9 ft

Top of Screen: 9.1 ft

Bottom of Screen: 14.1 ft

Bottom of Filter Pack: 14.4 ft





MONITORING WELL LOG

Project Name:	Guterl Excised Area	Hole Designation:	MW-5
Site Number:	Unlisted	Date Completed:	5/15/97
Location:	Lockport, New York	Drilling Company:	Maxim Technologies
Screen Type:	PVC	Casing Type:	Steel
Screen Diameter:	2 inch	Casing Diameter:	6 inch
Screen Length:	5 feet	Total Depth:	15.5 feet

Top of Riser Elevation: 598.24 ft amsl

Ground Surface Elevation:
596.10 ft amsl

Top of Grout: 0.0 ft

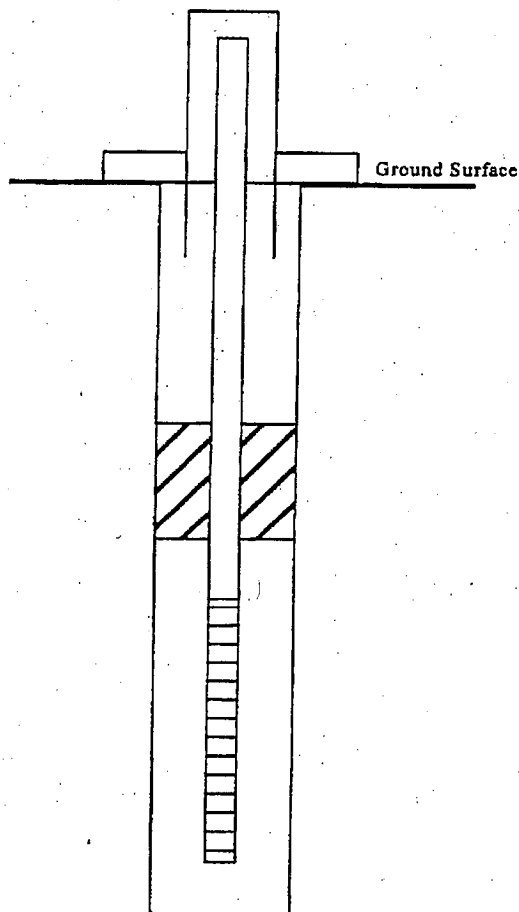
Top of Seal: 5.0 ft

Top of Filter Pack: 8.2 ft

Top of Screen: 10.2 ft

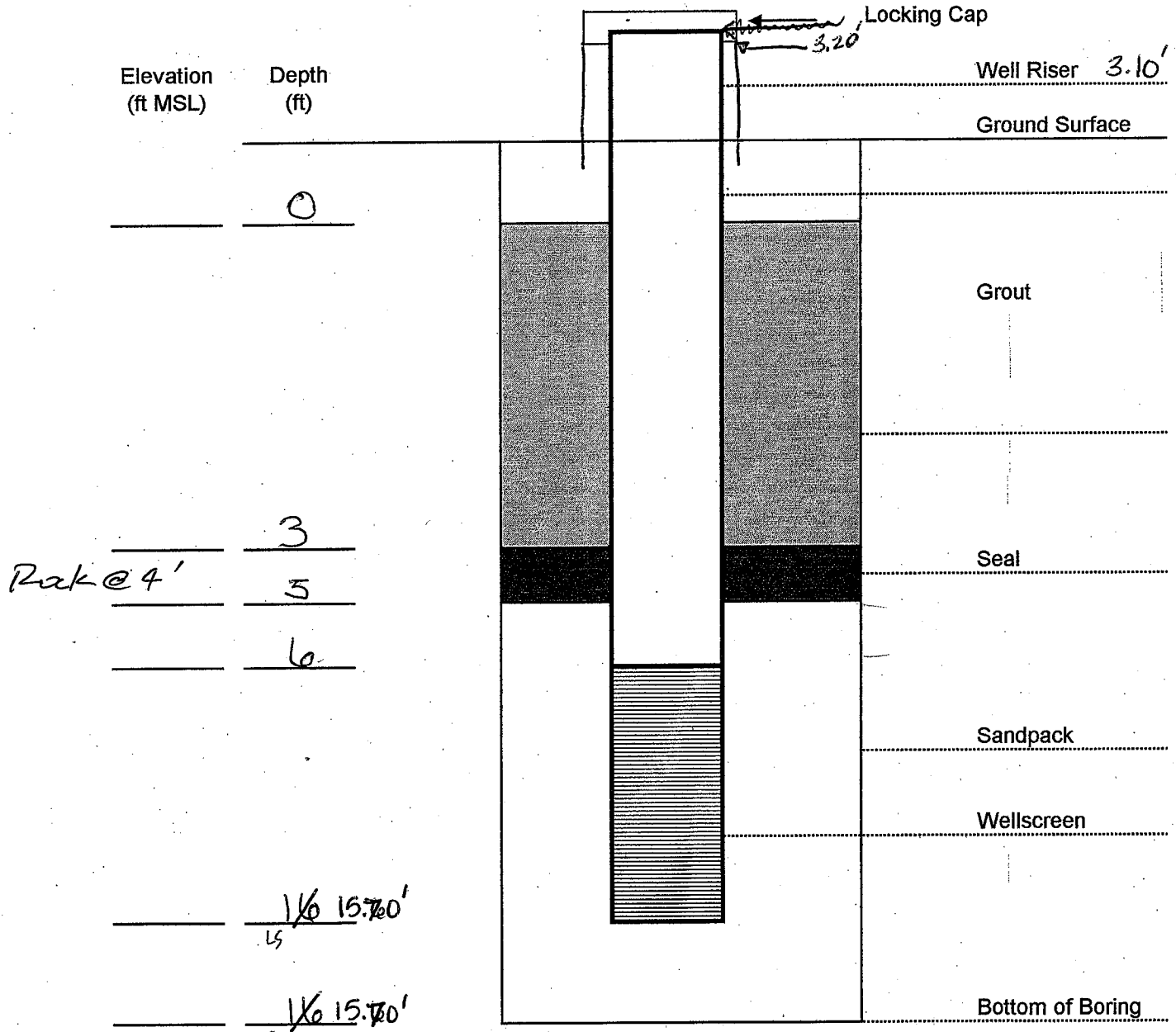
Bottom of Screen: 15.2 ft

Bottom of Filter Pack: 15.5 ft



WELL INSTALLATION DETAILS

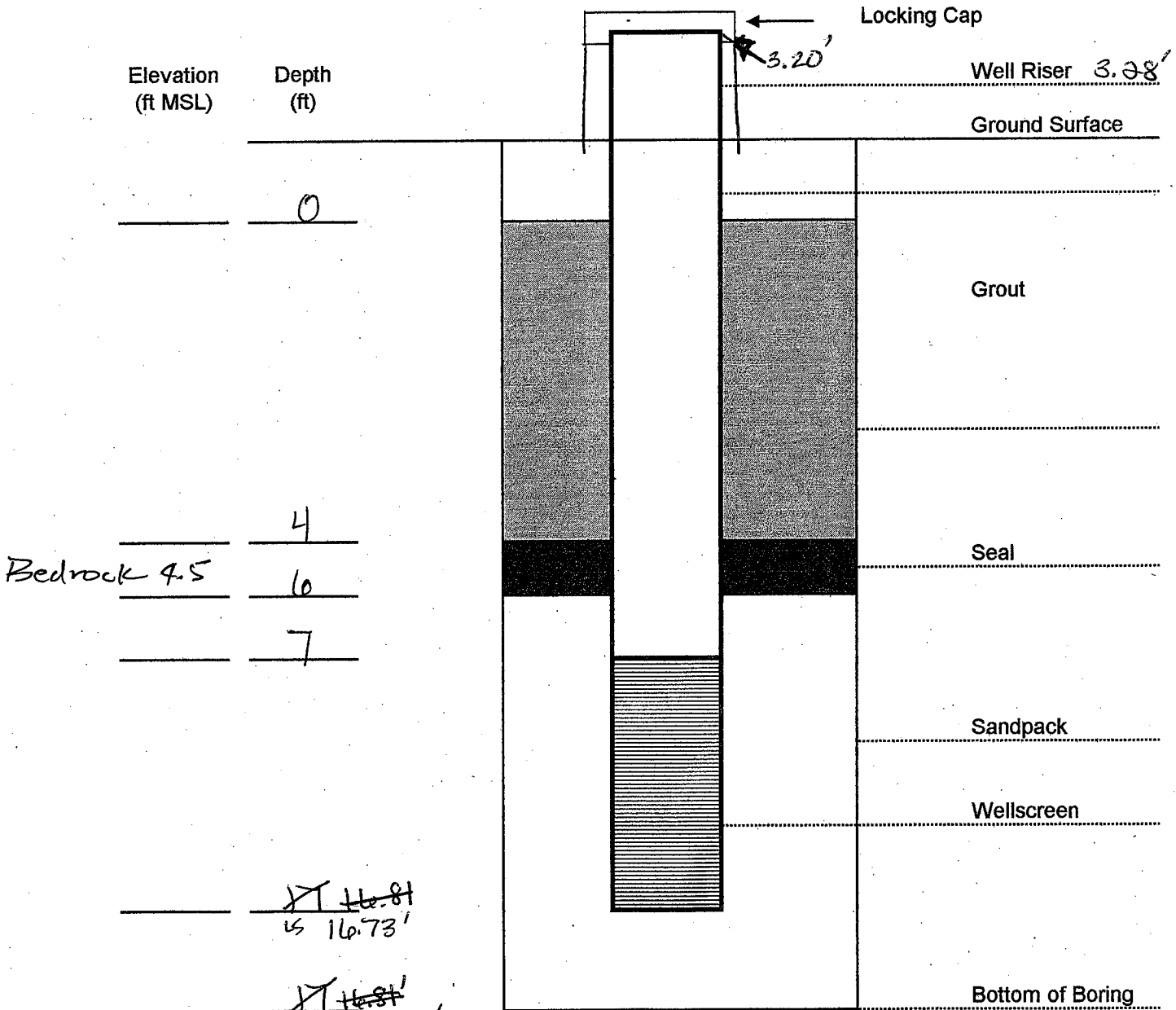
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-6
Contractor: Nothnagle Drilling	Date installed: 10/16/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: RCH / LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at approximately 4.0'*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-7
Contractor: Nothnagle Drilling	Date installed: 10/16/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: RCM / LMS	PPE: Level D

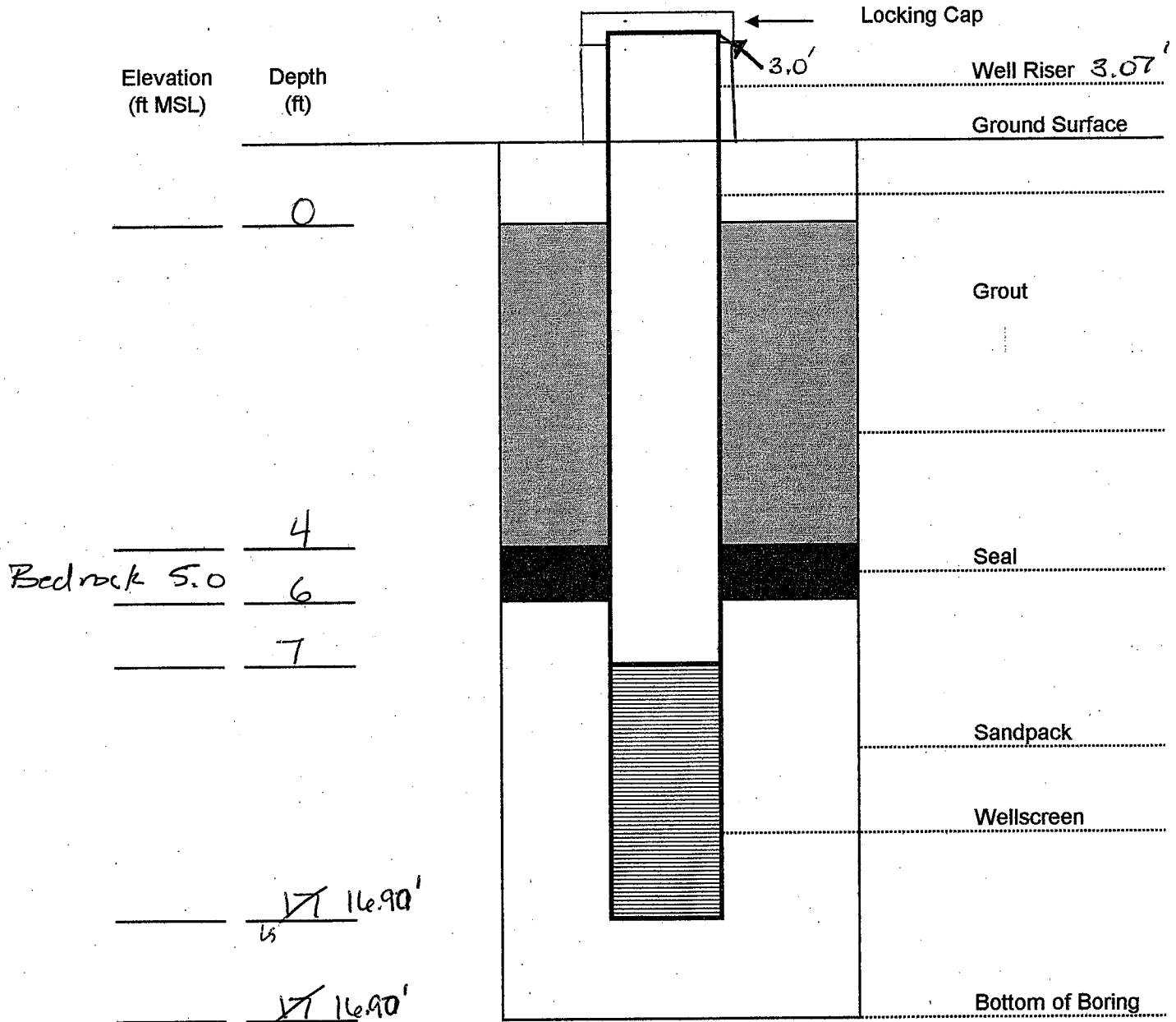


Notes:

Hollow-stem auger to bedrock surface at four feet bgs.
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

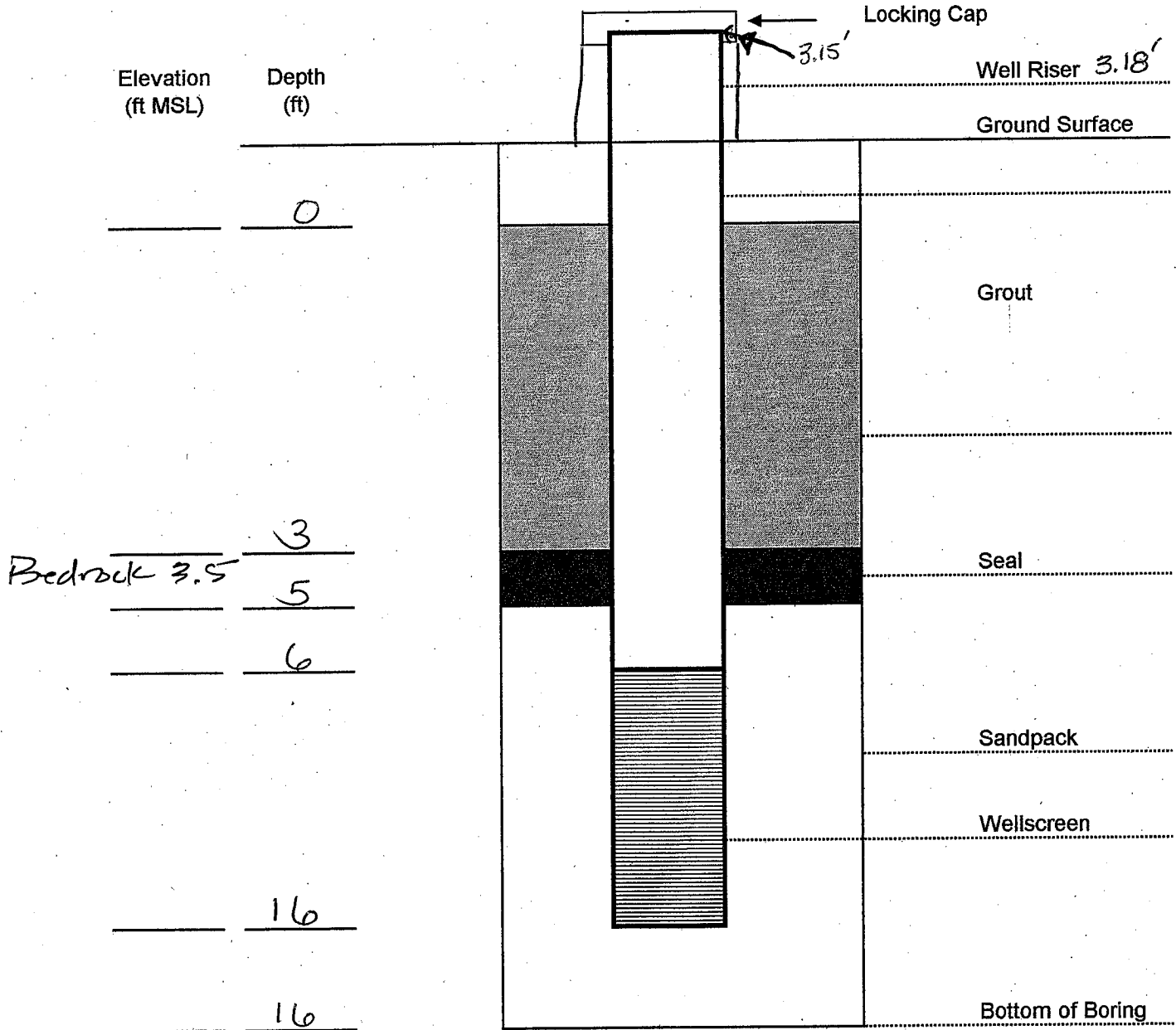
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW- 8
Contractor: Nothnagle Drilling	Date installed: 10-16-06	Method: Air Rotary
Well:: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at five feet*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

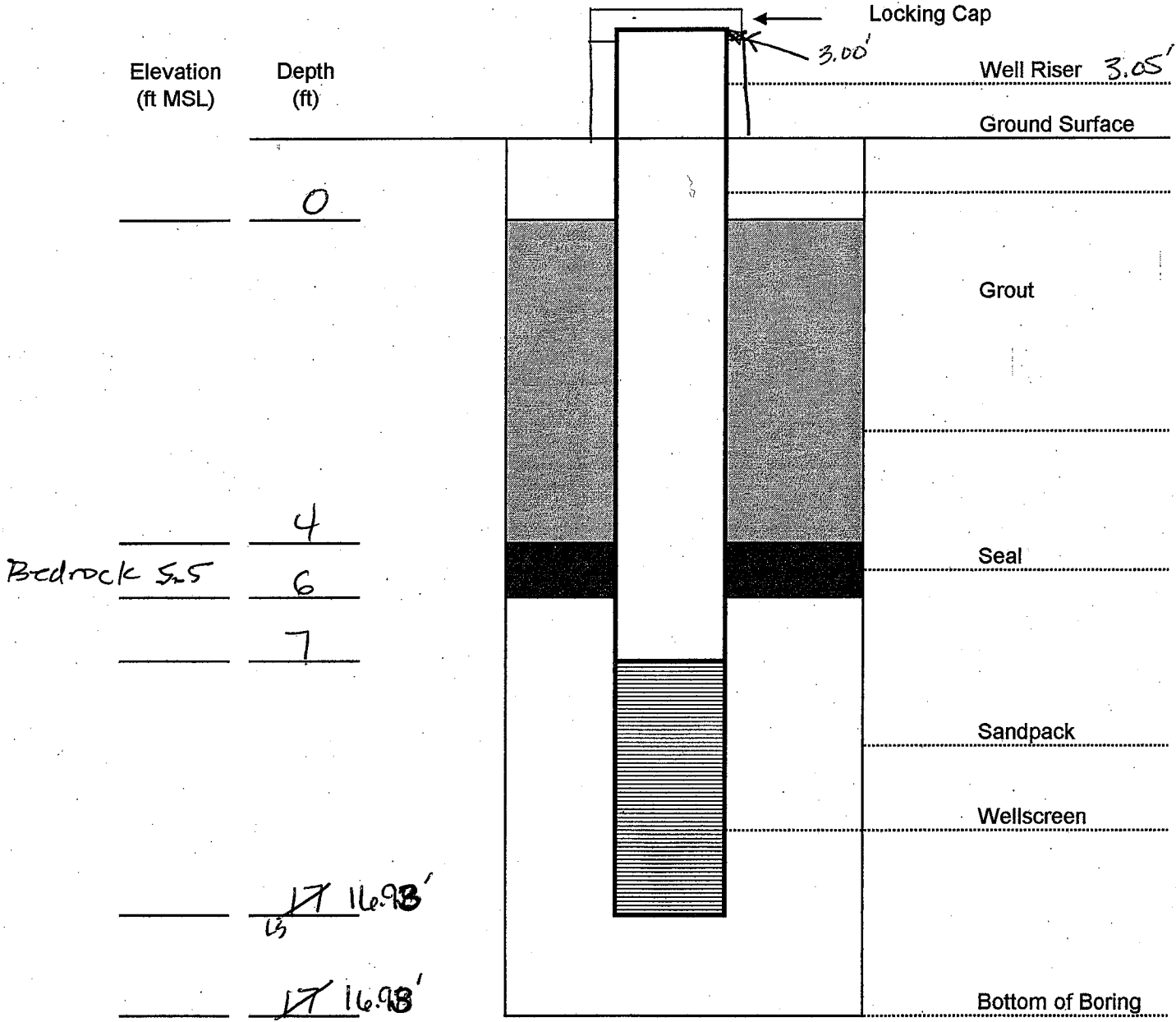
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Contractor: Nothnagle Drilling	Date installed: 10-17-06	Method:
Well:: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at 3.5 ft bgs*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

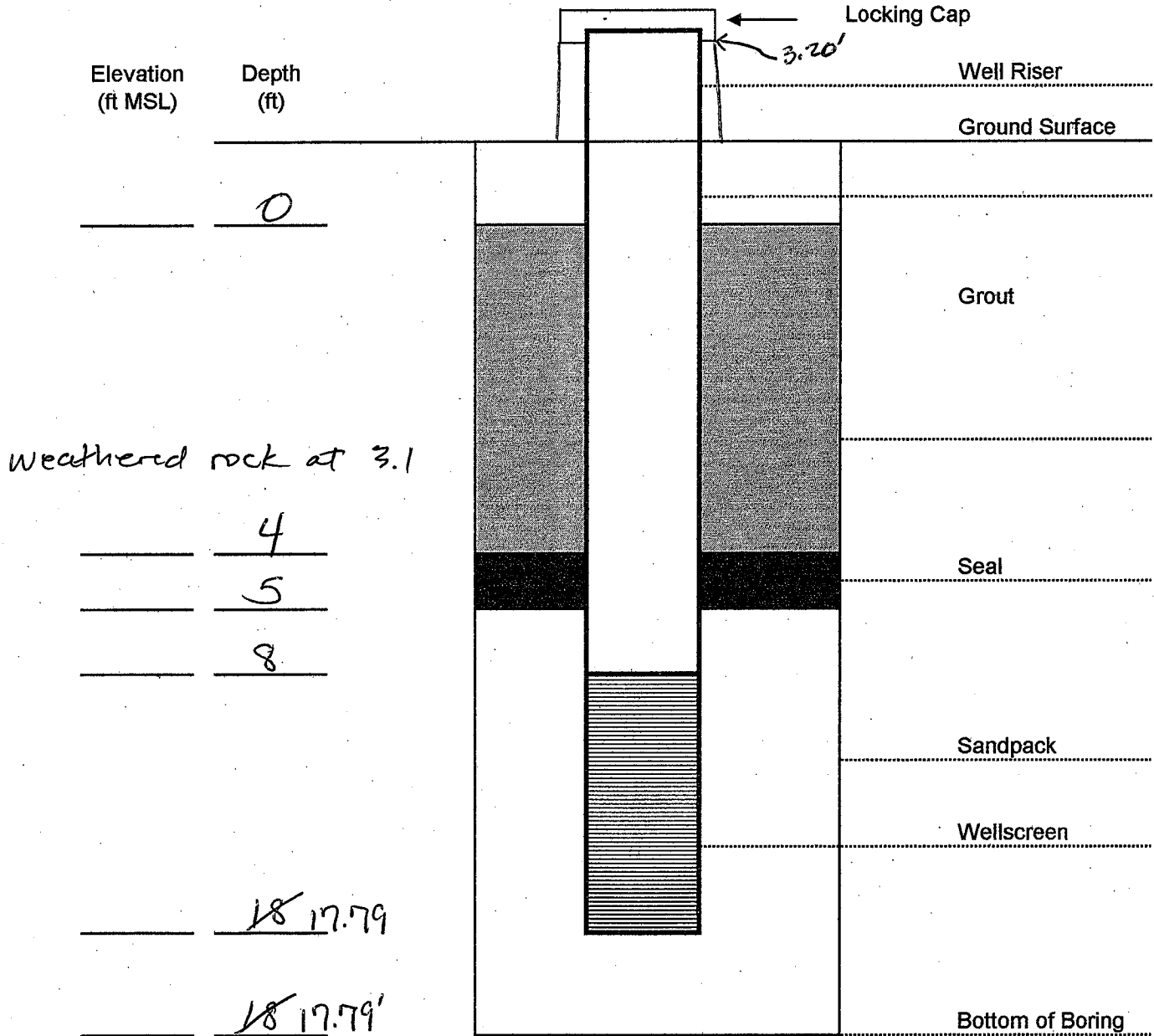
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Contractor: Nothnagle Drilling	Date installed: 10-17-06	Method: Air Rotary
Well:: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface at 5.5 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

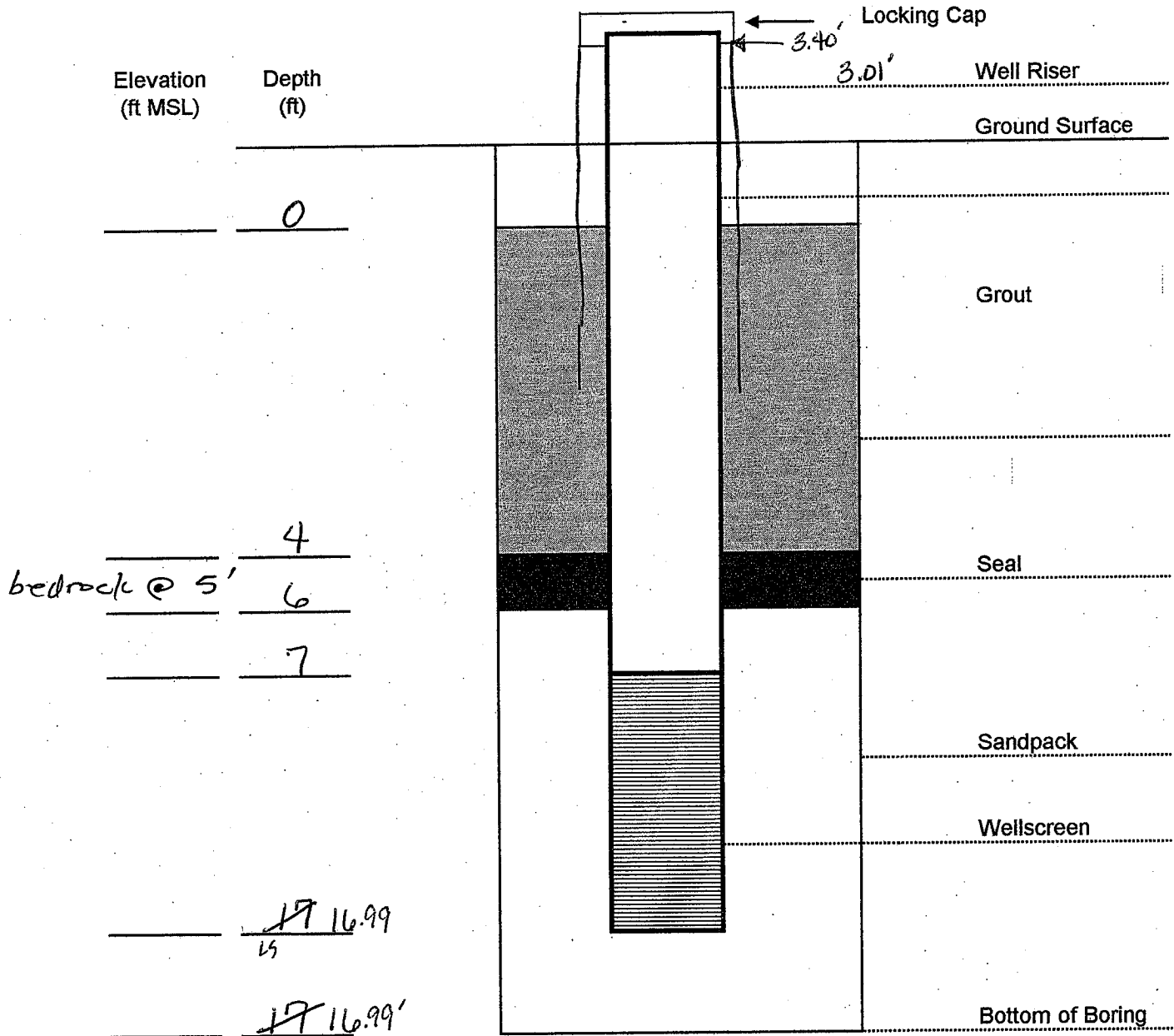
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Contractor: Nothnagle Drilling	Date installed: 10-17-06	Method:
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface weathered rock at 3.1 auger refusal at 6.0 (believed to be into rock a couple of feet)
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW- 12
Contractor: Nothnagle Drilling	Date installed: 10/17/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D

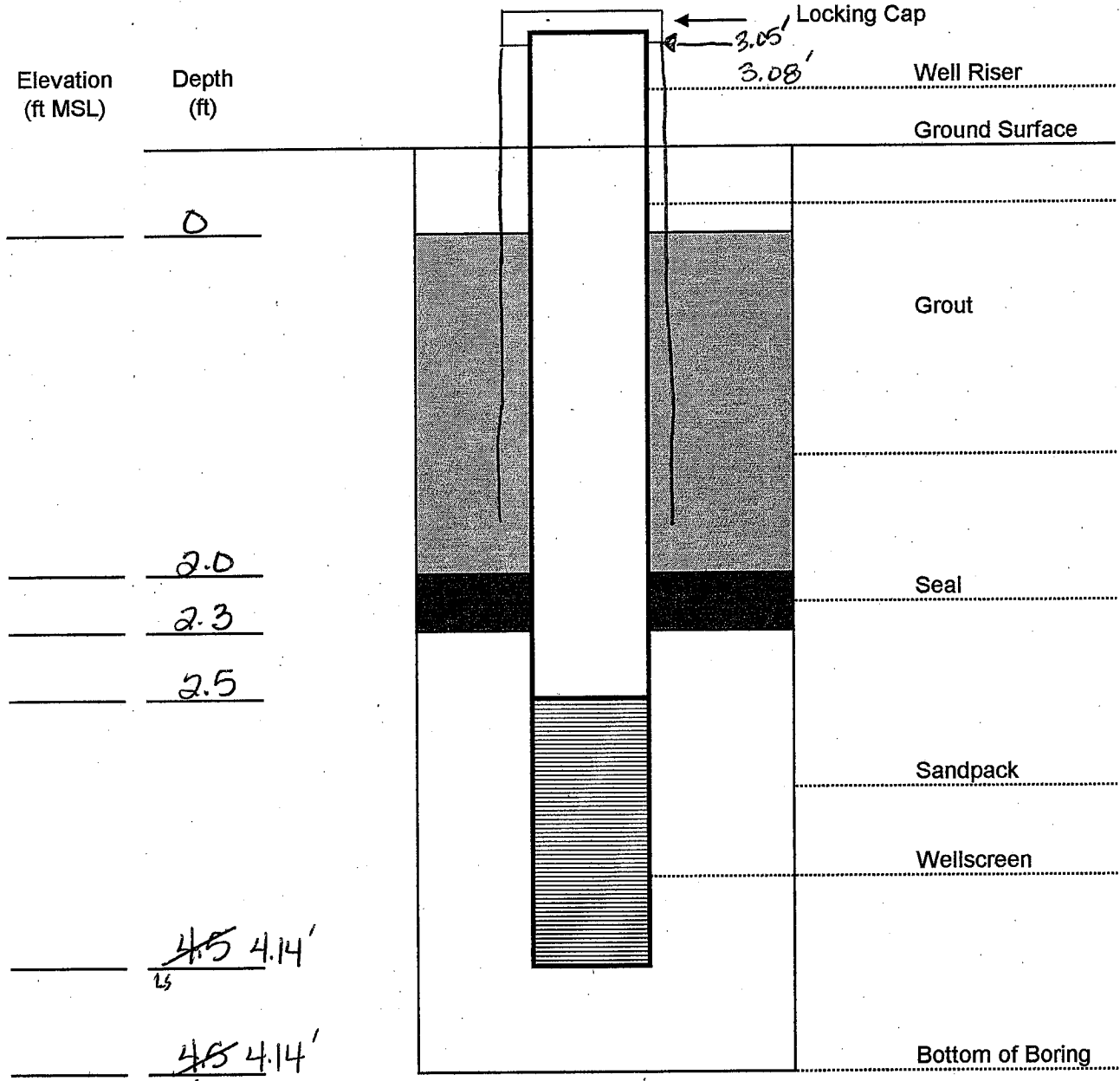


Notes:

Hollow-stem auger to bedrock surface at 5.0 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

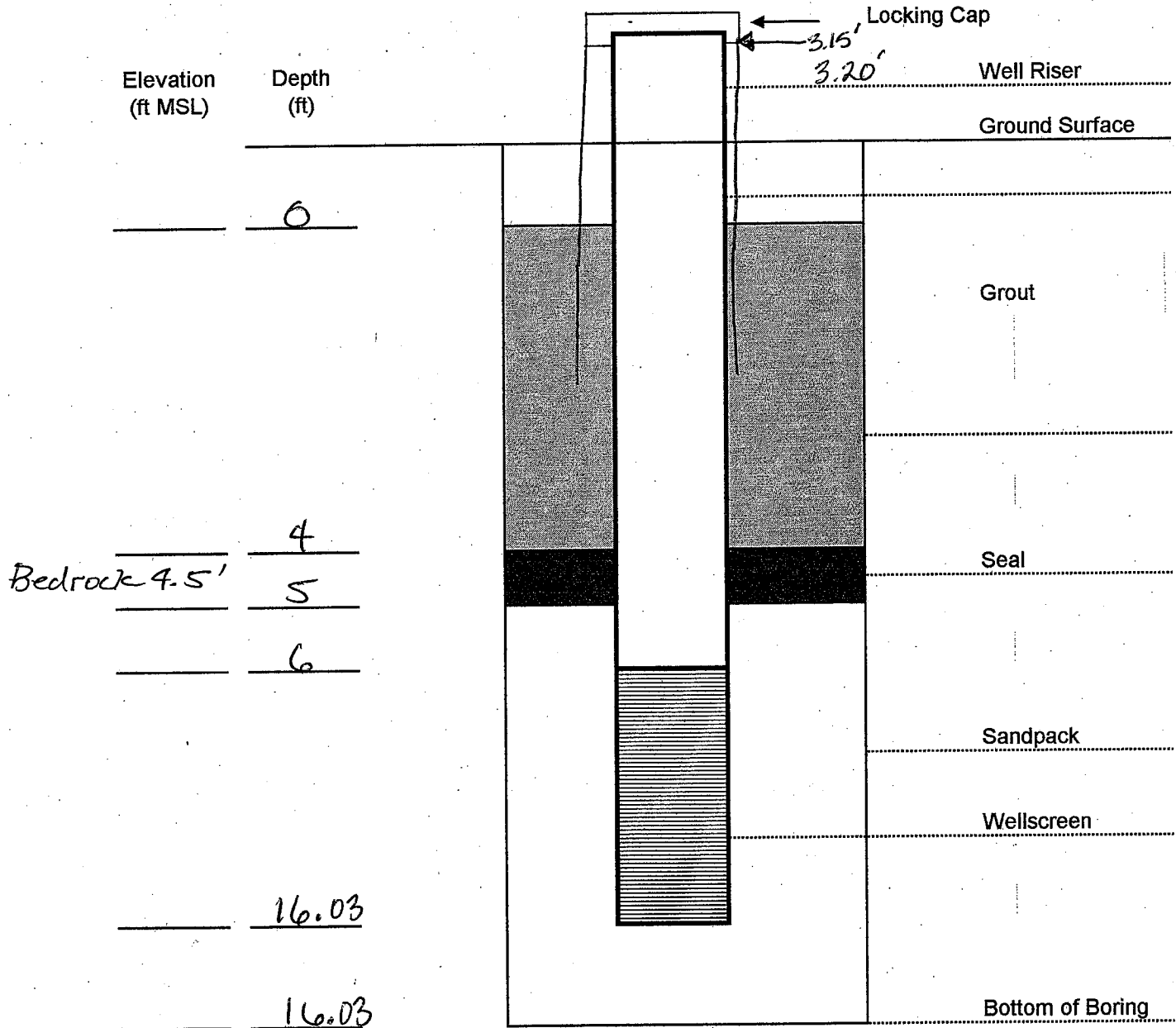
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-135
Contractor: Nothnagle Drilling	Date installed: 10/18/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *auger refusal @ 4.5 ft bgs*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

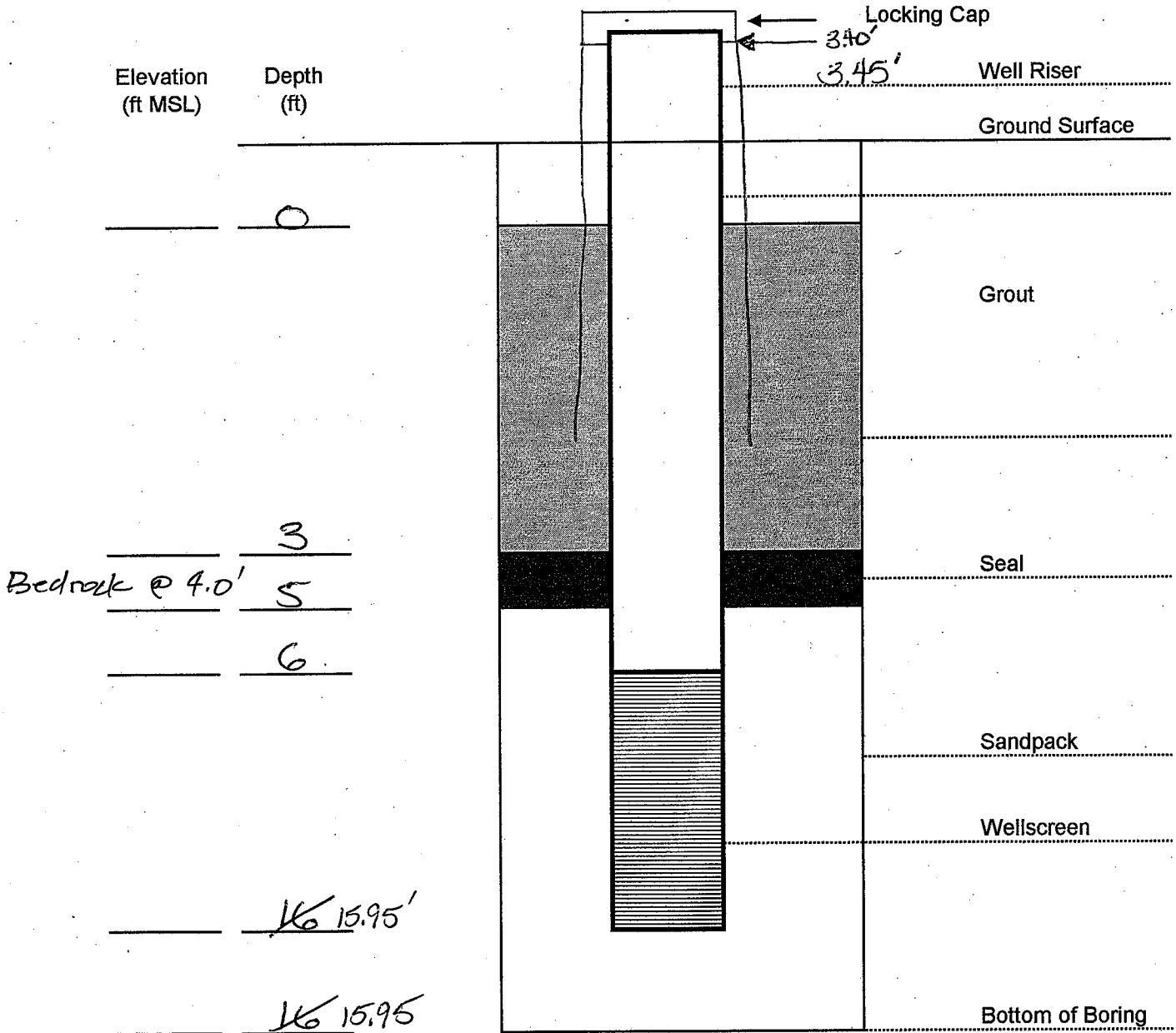
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Contractor: Nothnagle Drilling	Date installed: 10/18/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface at 4.5 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

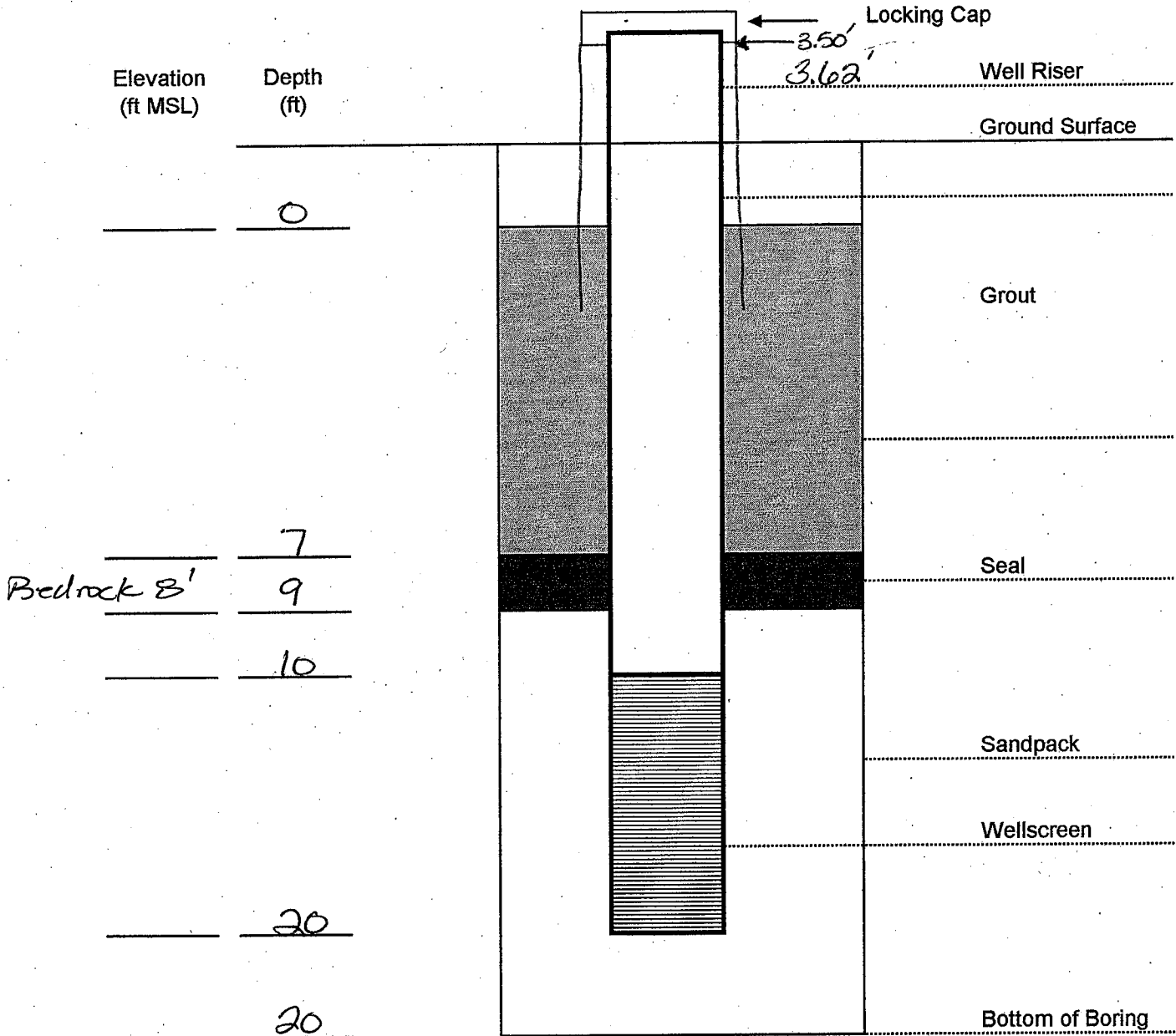
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Contractor: Nothnagle Drilling	Date installed: 10/18/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface 4.0 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

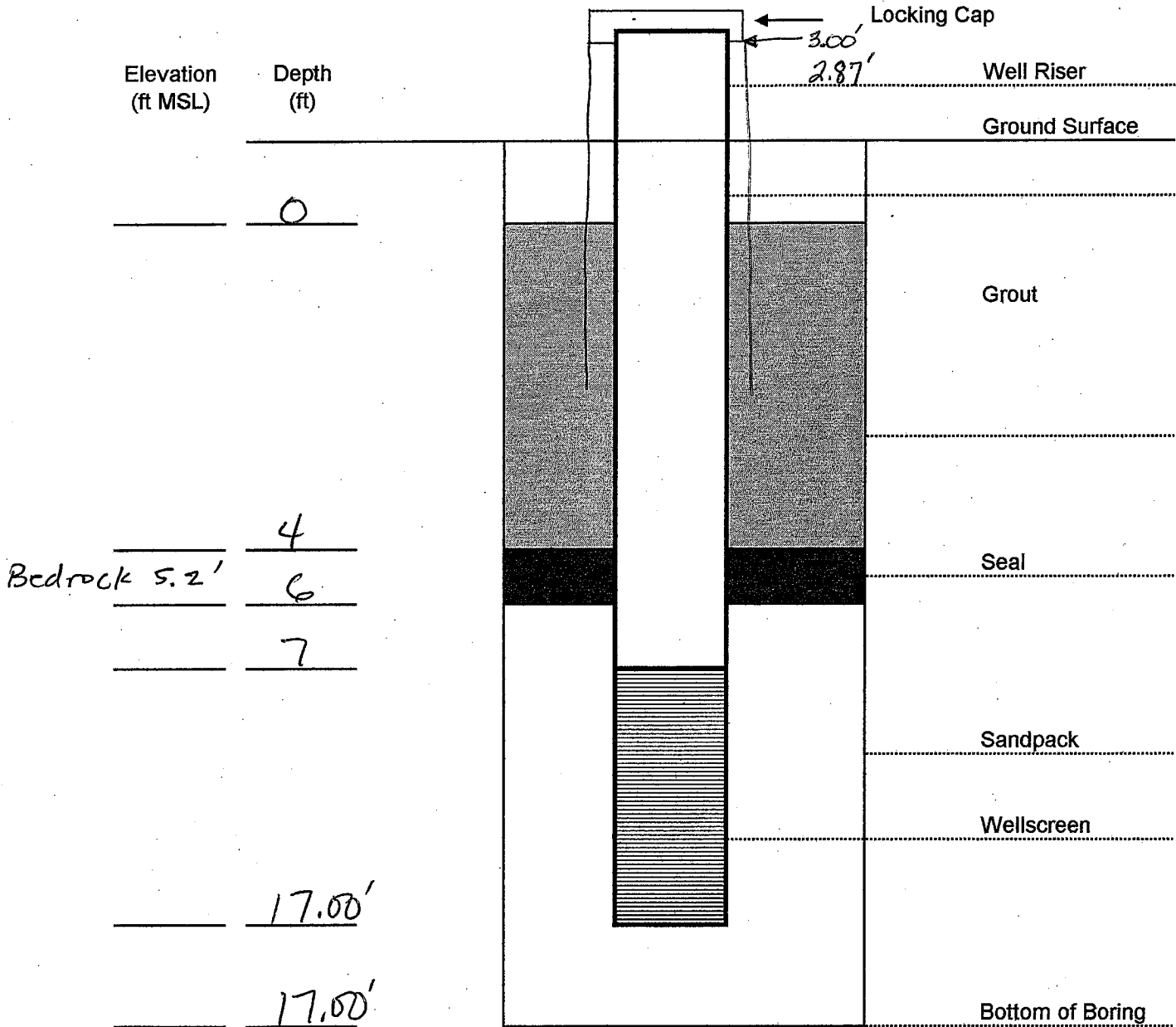
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Contractor: Nothnagle Drilling	Date installed: 10/18/06	Method: Air Rotary
Well:: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at 8.0 ft bgs.*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

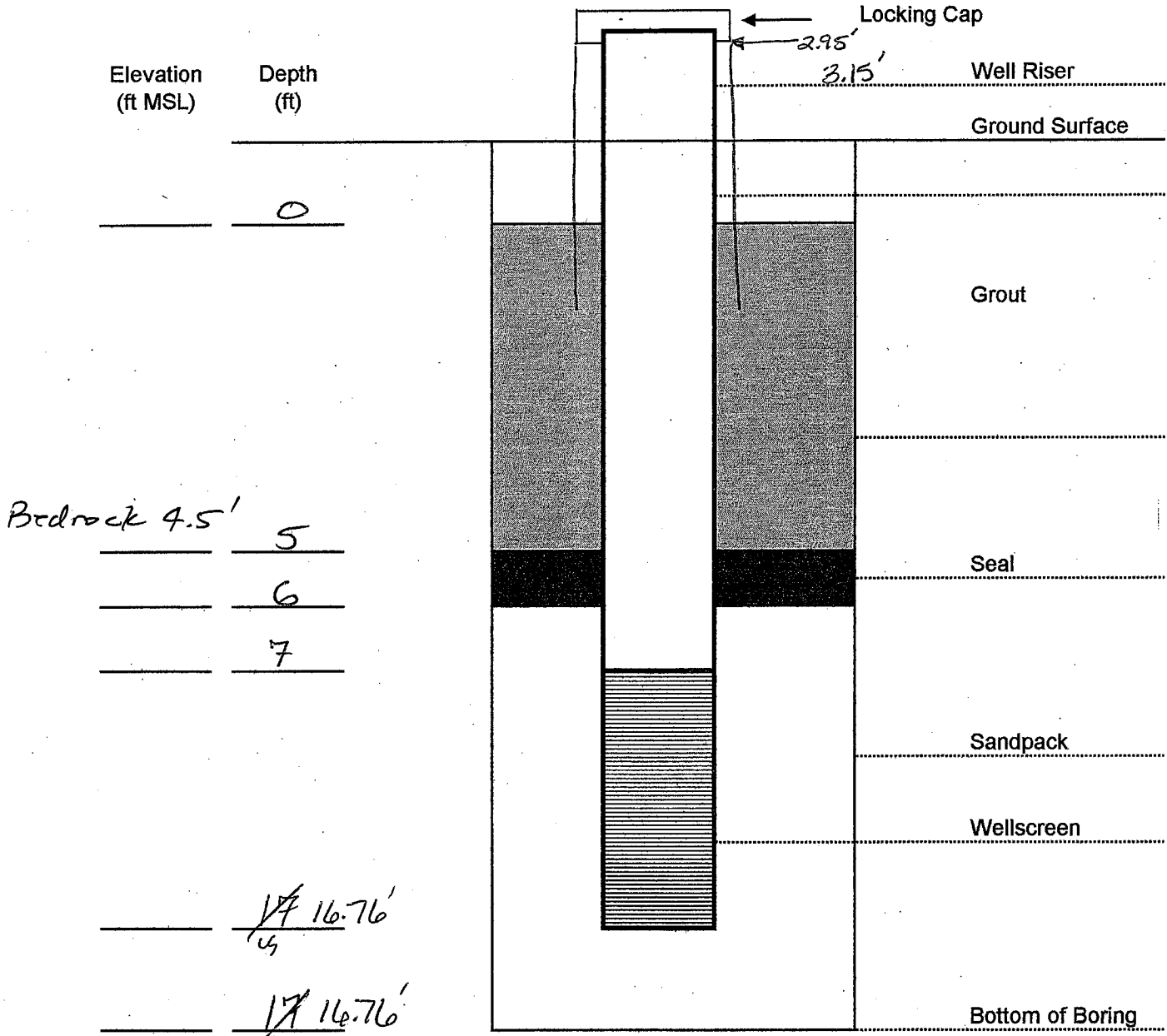
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Contractor: Nothnagle Drilling	Date installed: 10/18/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface 5.2 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

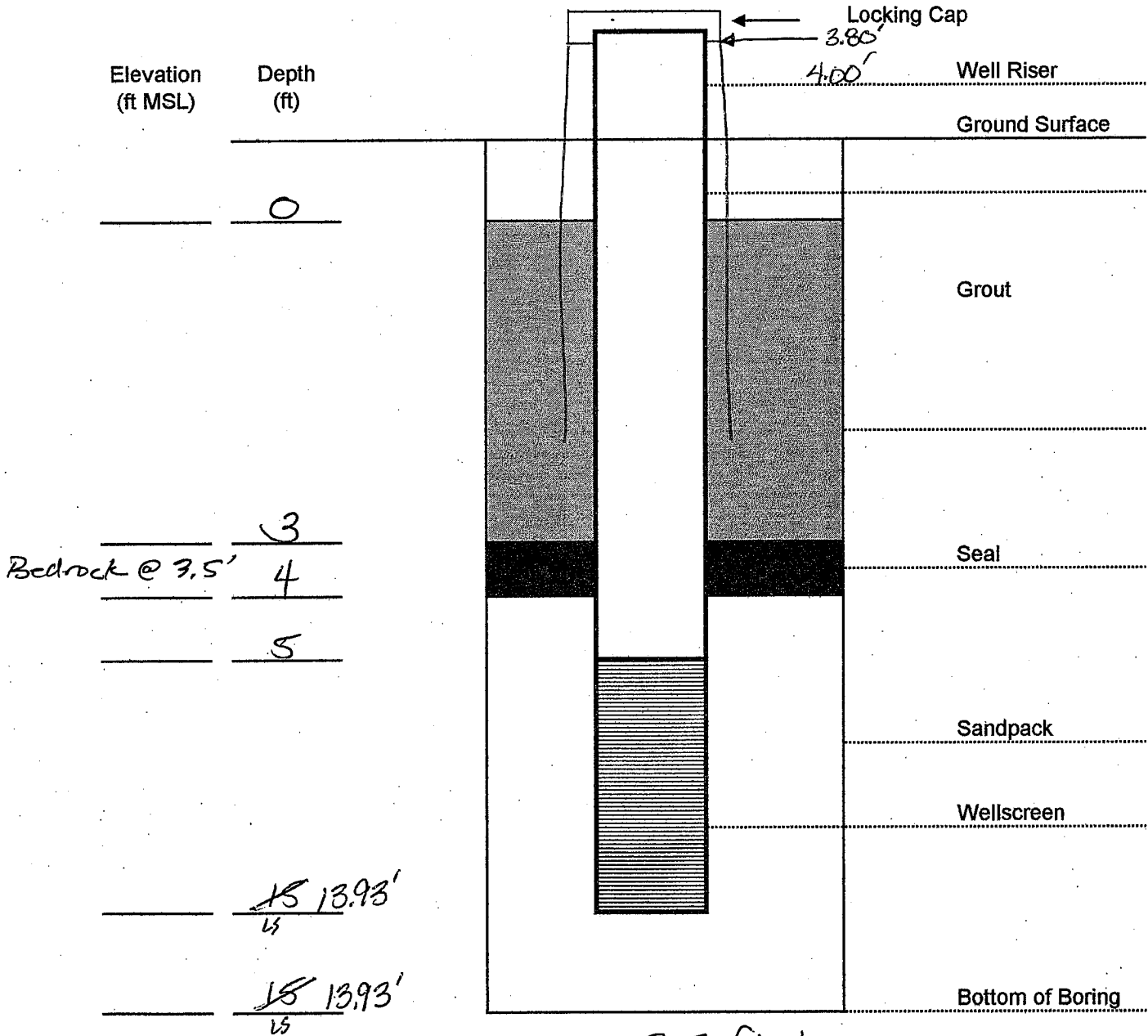
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Contractor: Nothnagle Drilling	Date installed: 10/19/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *refusal at 4.5 ft bgs*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

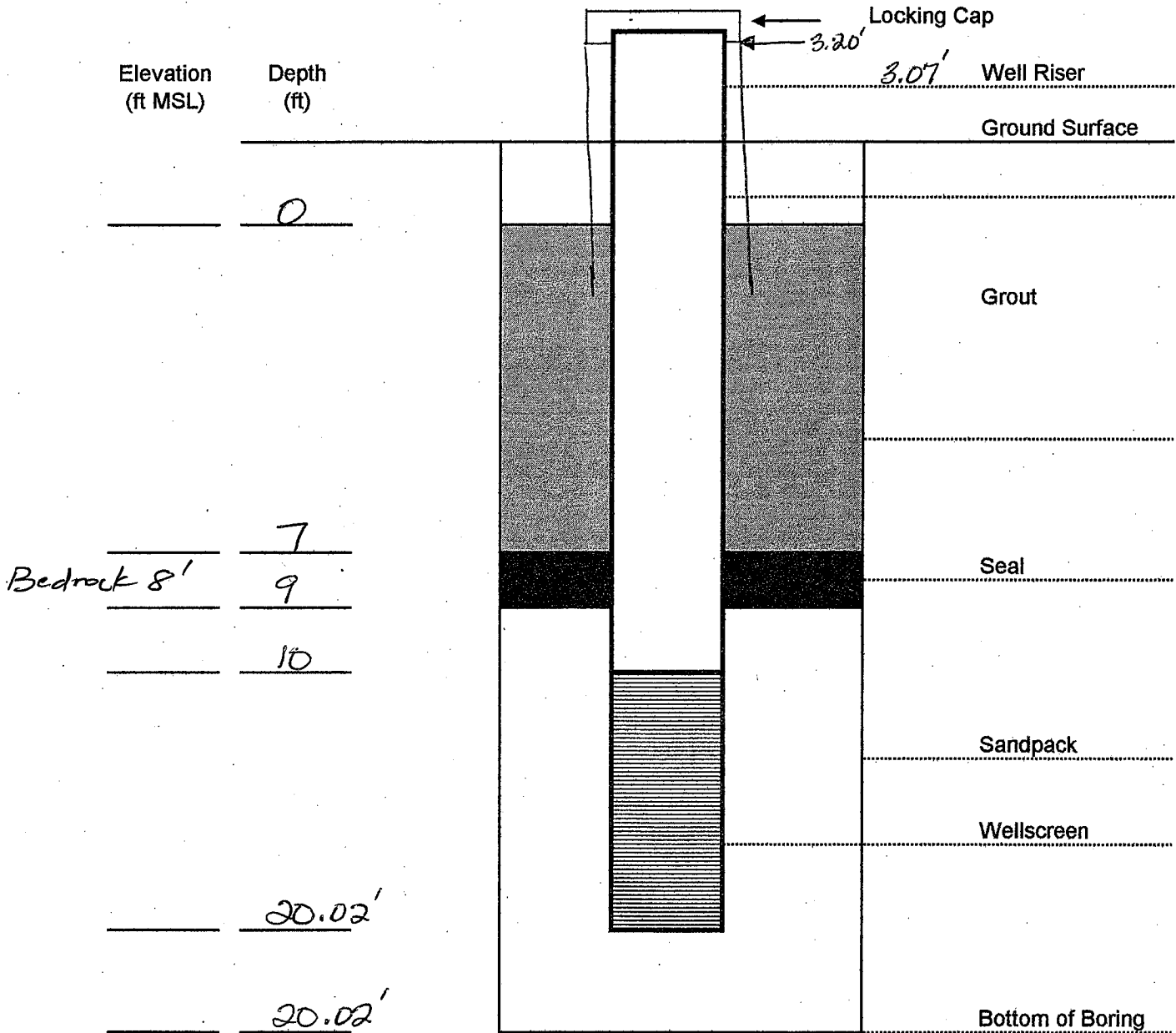
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Contractor: Nothnagle Drilling	Date installed: 10/19/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface 3.5 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

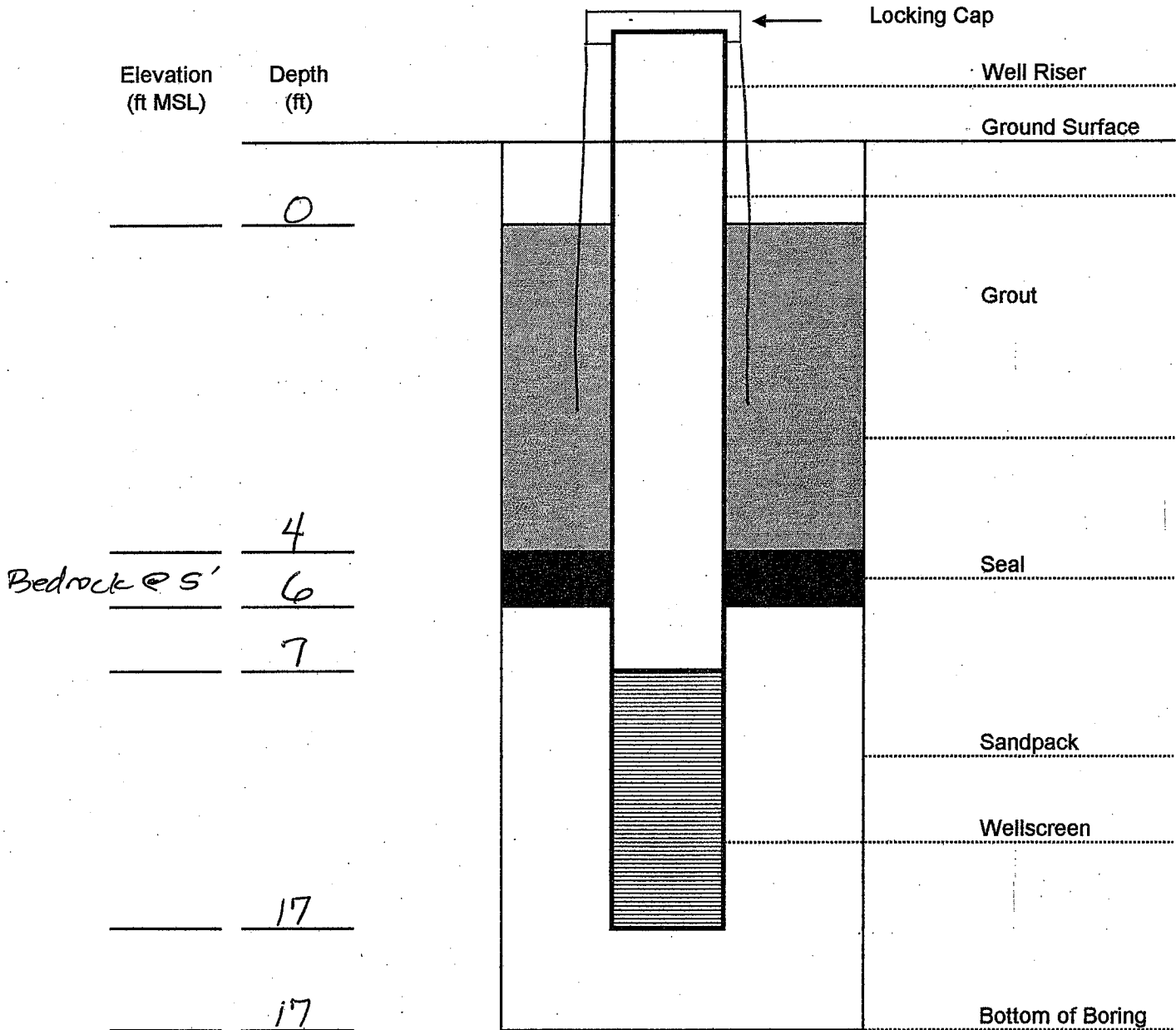
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-19
Contractor: Nothnagle Drilling	Date installed: 10/19/06	Method: Air Rotary
Well:: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface 8.0 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

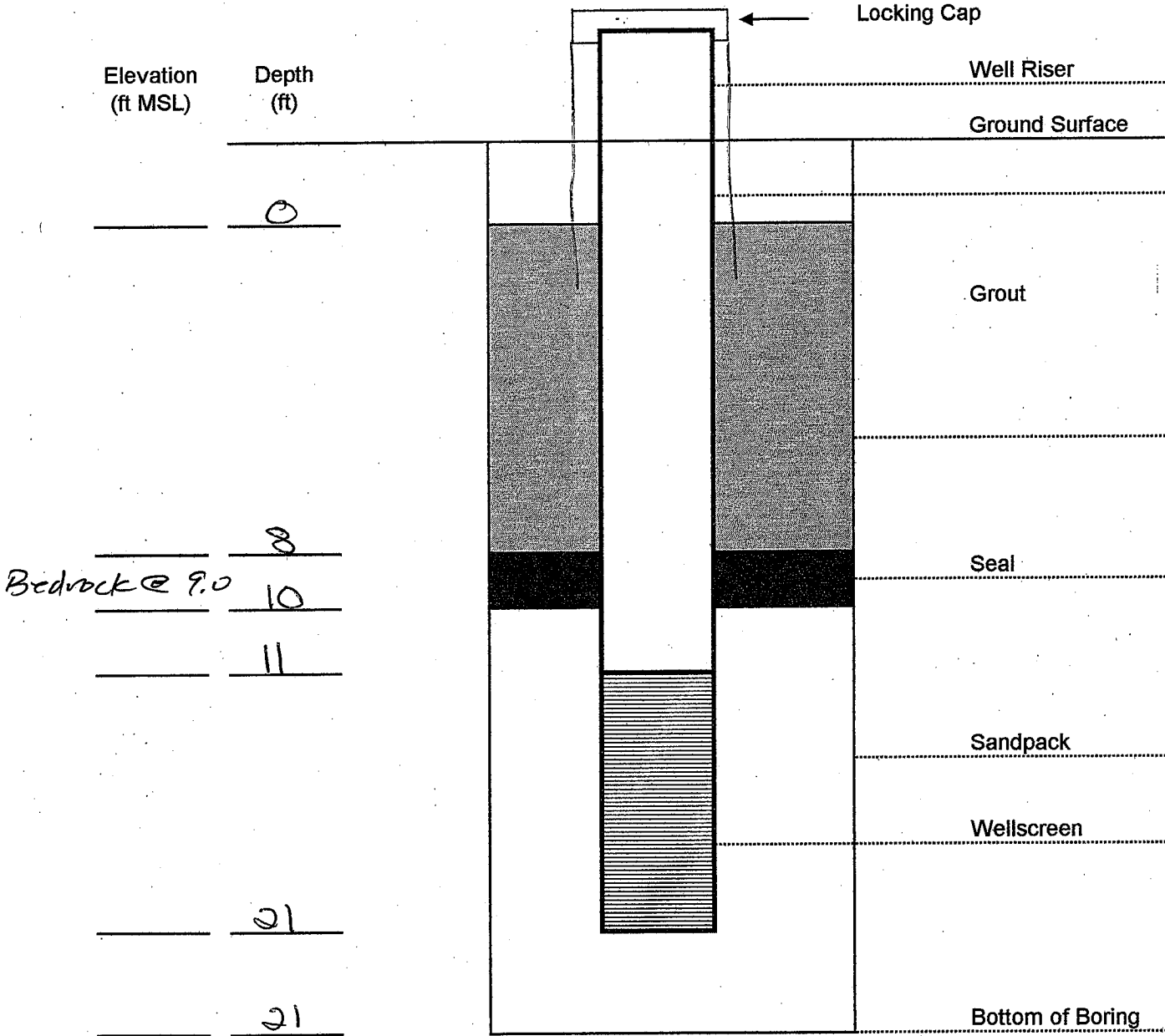
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-20
Contractor: Nothnagle Drilling	Date installed: 10/19/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *5.0 ft bgs*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

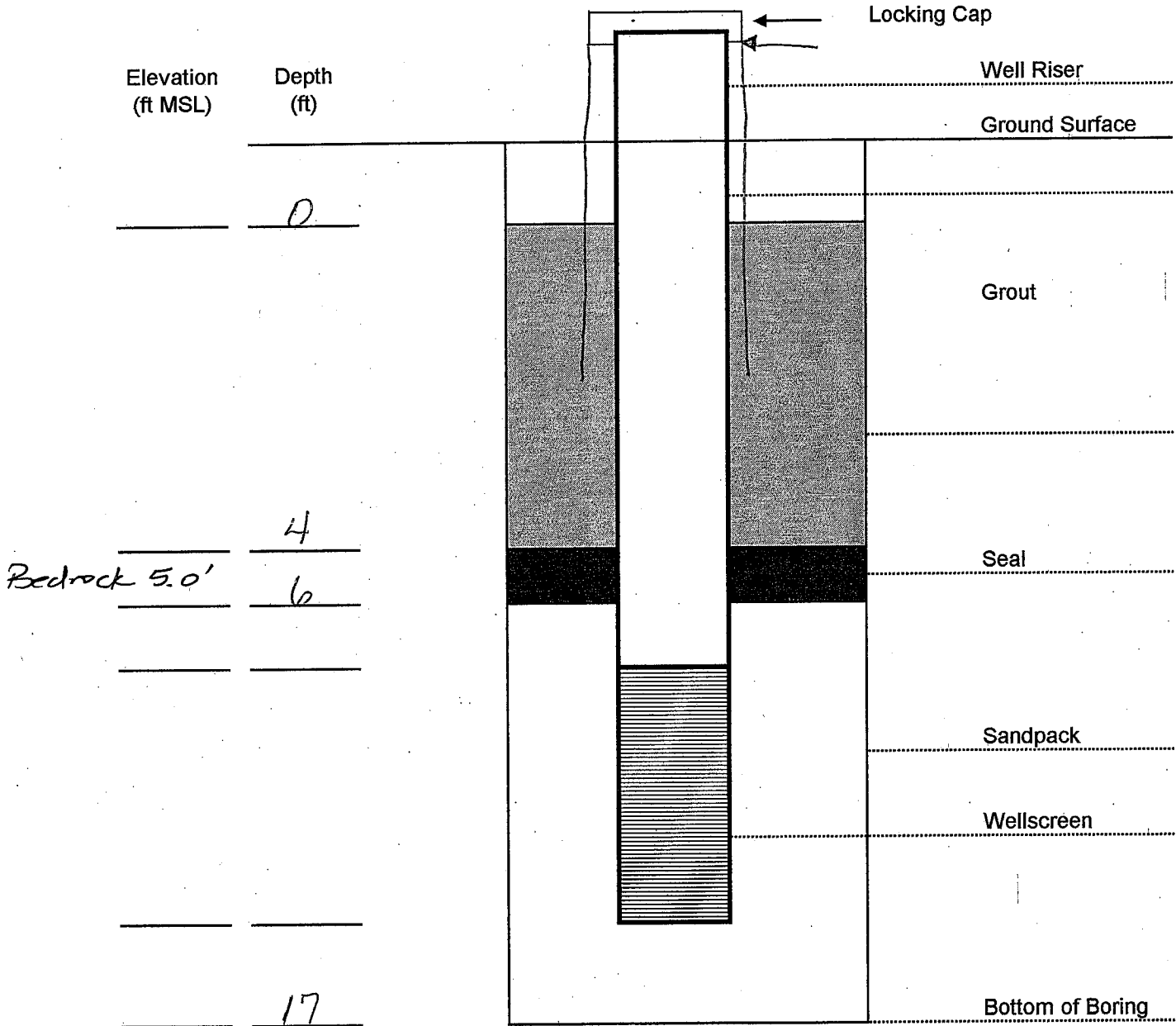
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-21
Contractor: Nothnagle Drilling	Date installed: 10/19/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface at 9.0 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

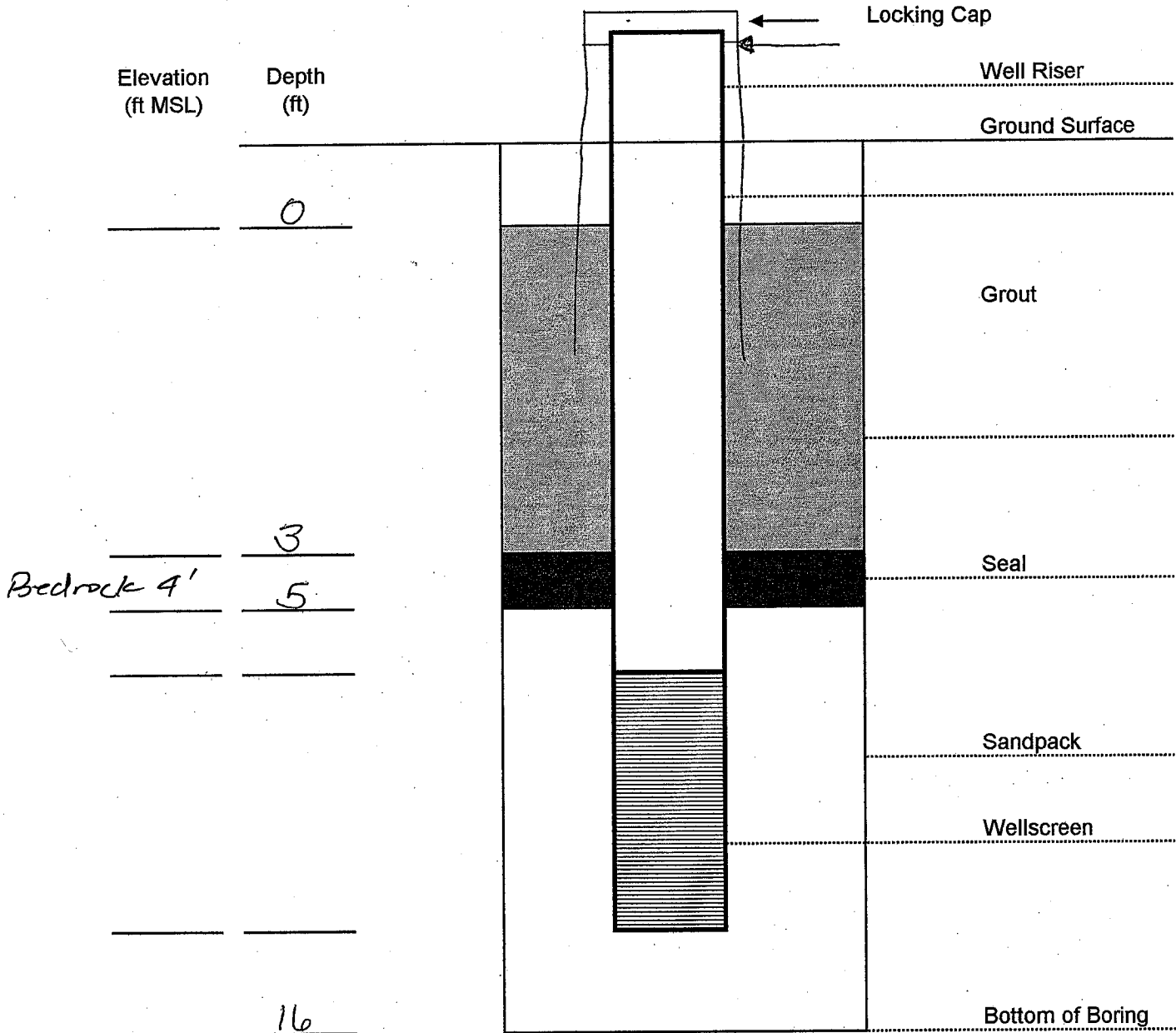
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-22
Contractor: Nothnagle Drilling	Date installed: 10/20/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at 5 ft bgs*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW-23
Contractor: Nothnagle Drilling	Date installed: 10/20/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D

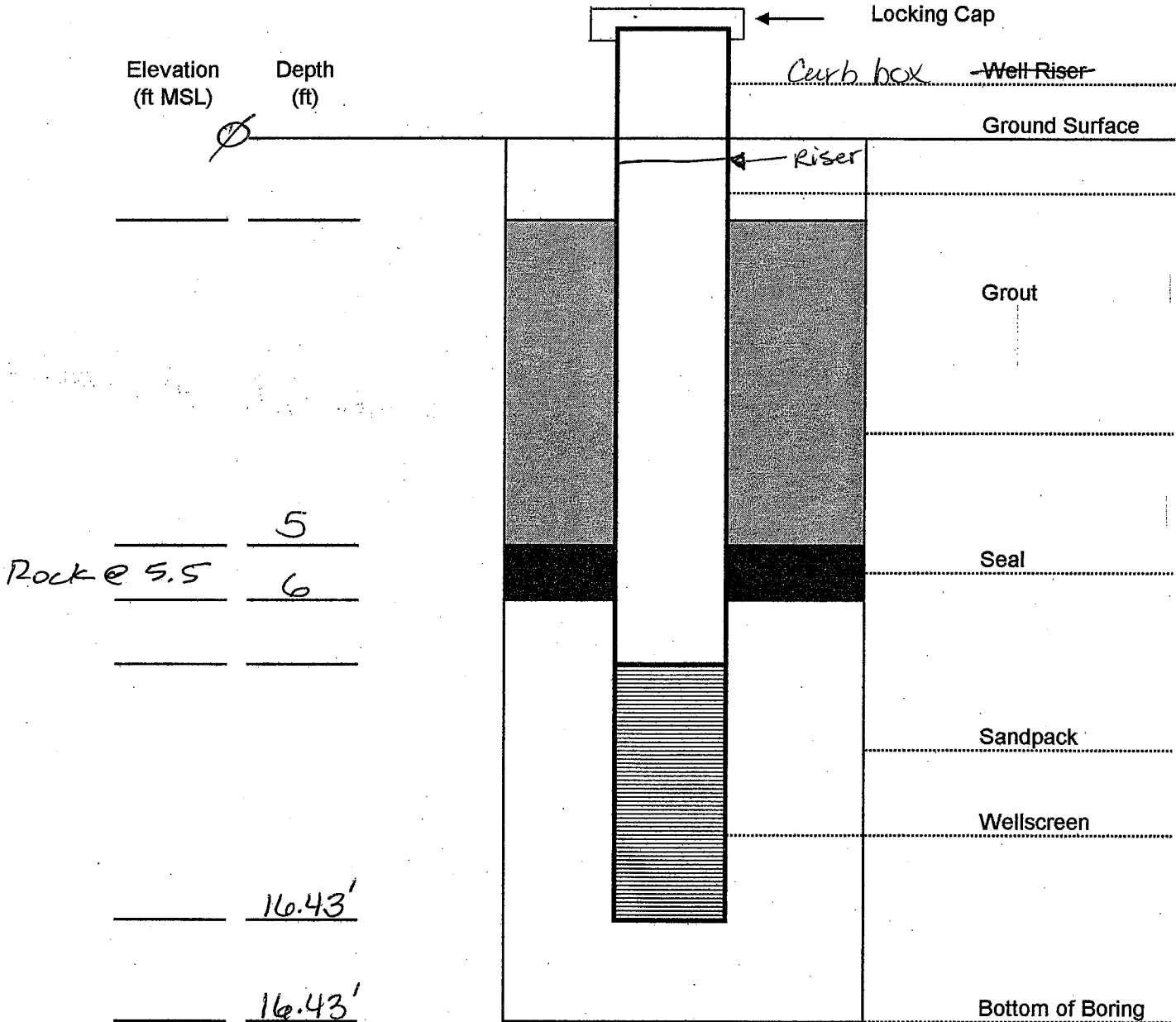


Notes:

Hollow-stem auger to bedrock surface at 4.0 ft bgs
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

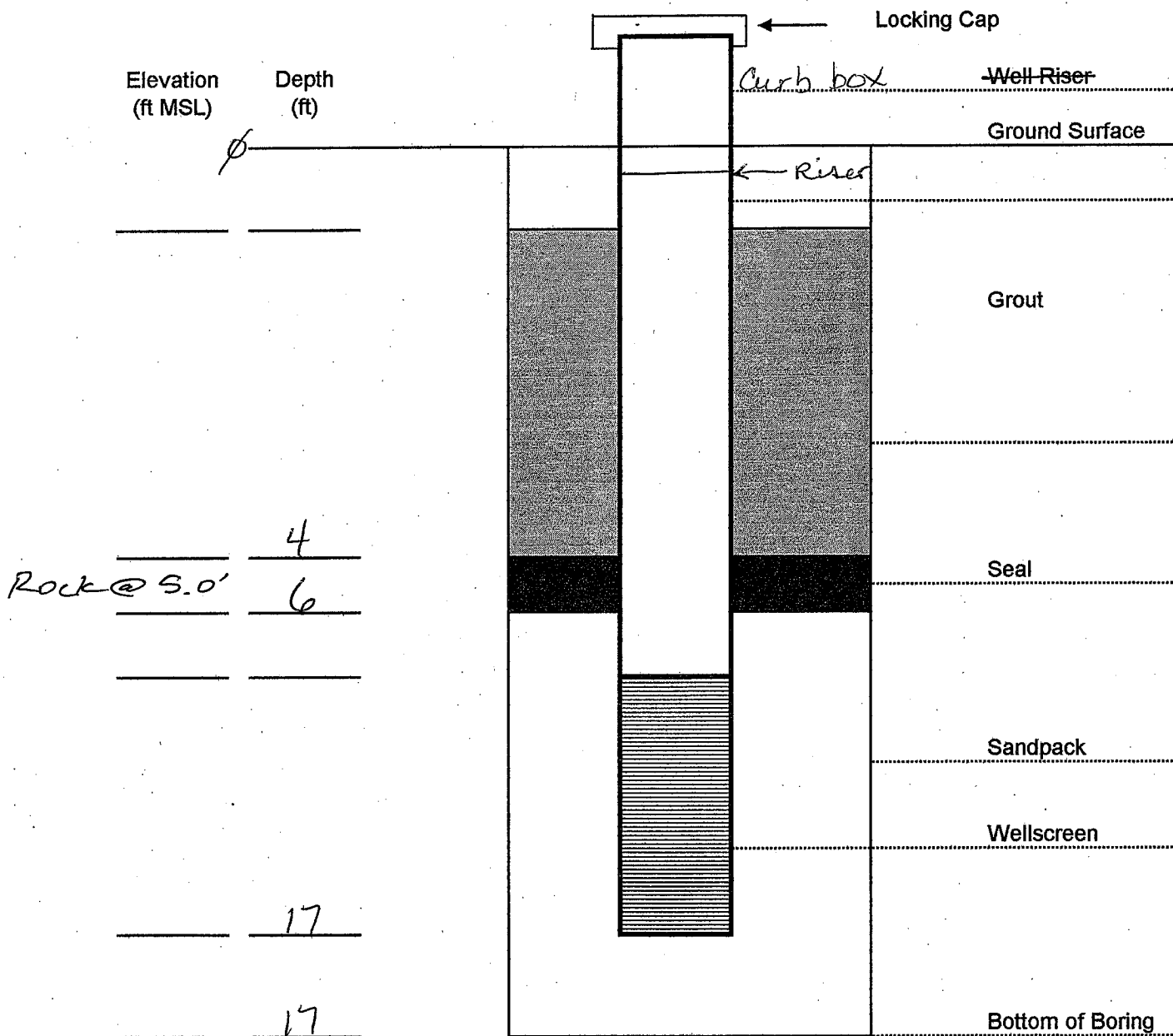
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW- 24
Contractor: Nothnagle Drilling	Date installed: 10/20/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at 5.5 ft bgs.*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

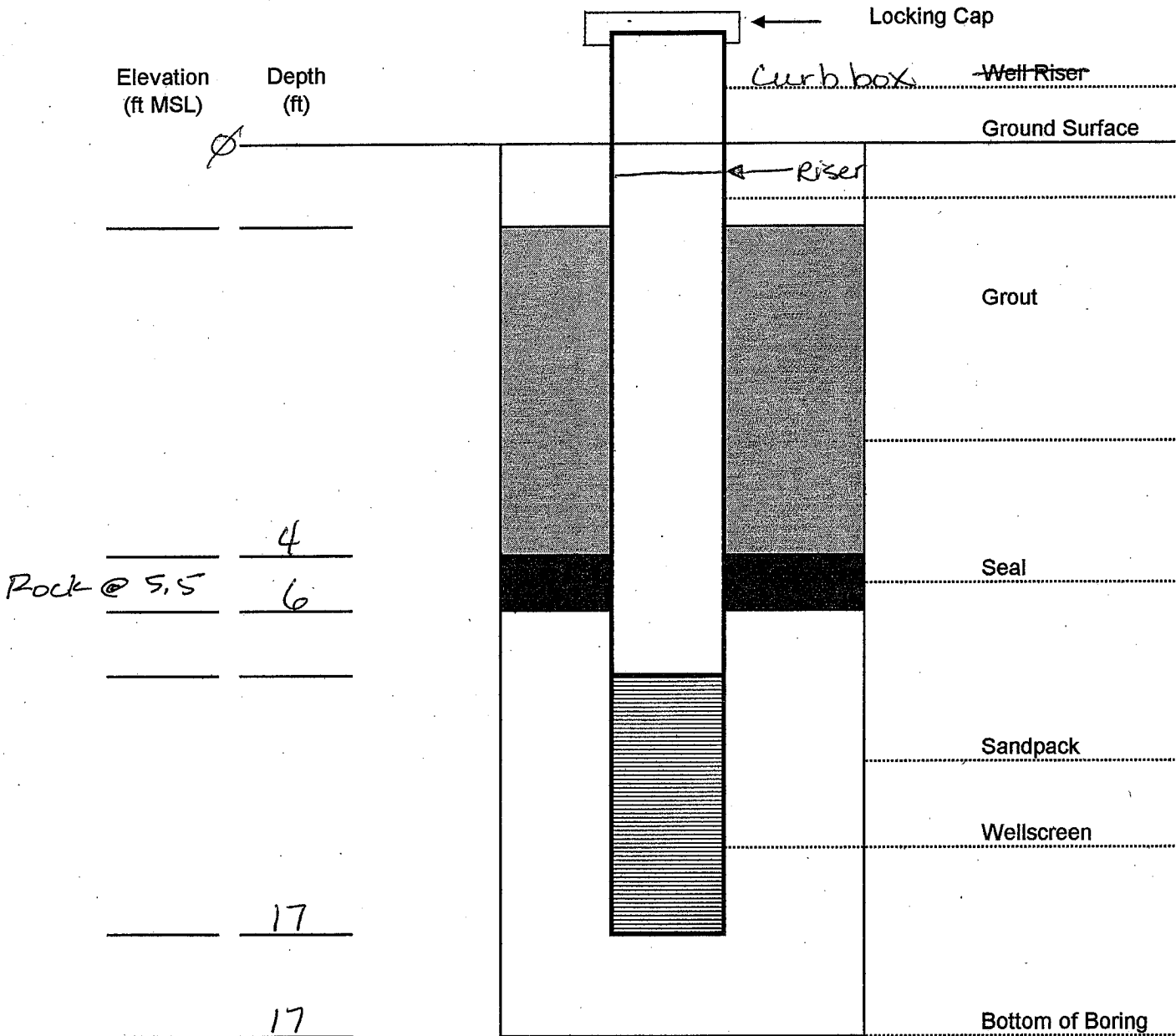
Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW- 25
Contractor: Nothnagle Drilling	Date installed: 10/23/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface *at 5.0 ft bgs*
 Drill with air hammer to complete bedrock boring.

WELL INSTALLATION DETAILS

Project: NYSDEC Site No. 9-32-032	Former Guterl Steel Lockport NY	Well: MW- 26
Contractor: Nothnagle Drilling	Date installed: 10/24/06	Method: Air Rotary
Well: 2-inch ID PVC 0.010-inch slot	Installed by: LMS	PPE: Level D



Notes: Hollow-stem auger to bedrock surface at 5.5 ft bgs
 Drill with air hammer to complete bedrock boring.

MACTEC NOTE: The following well diagrams (600S to 607D) are DRAFT field forms that have not been published as of 5/14/08 by USA CE

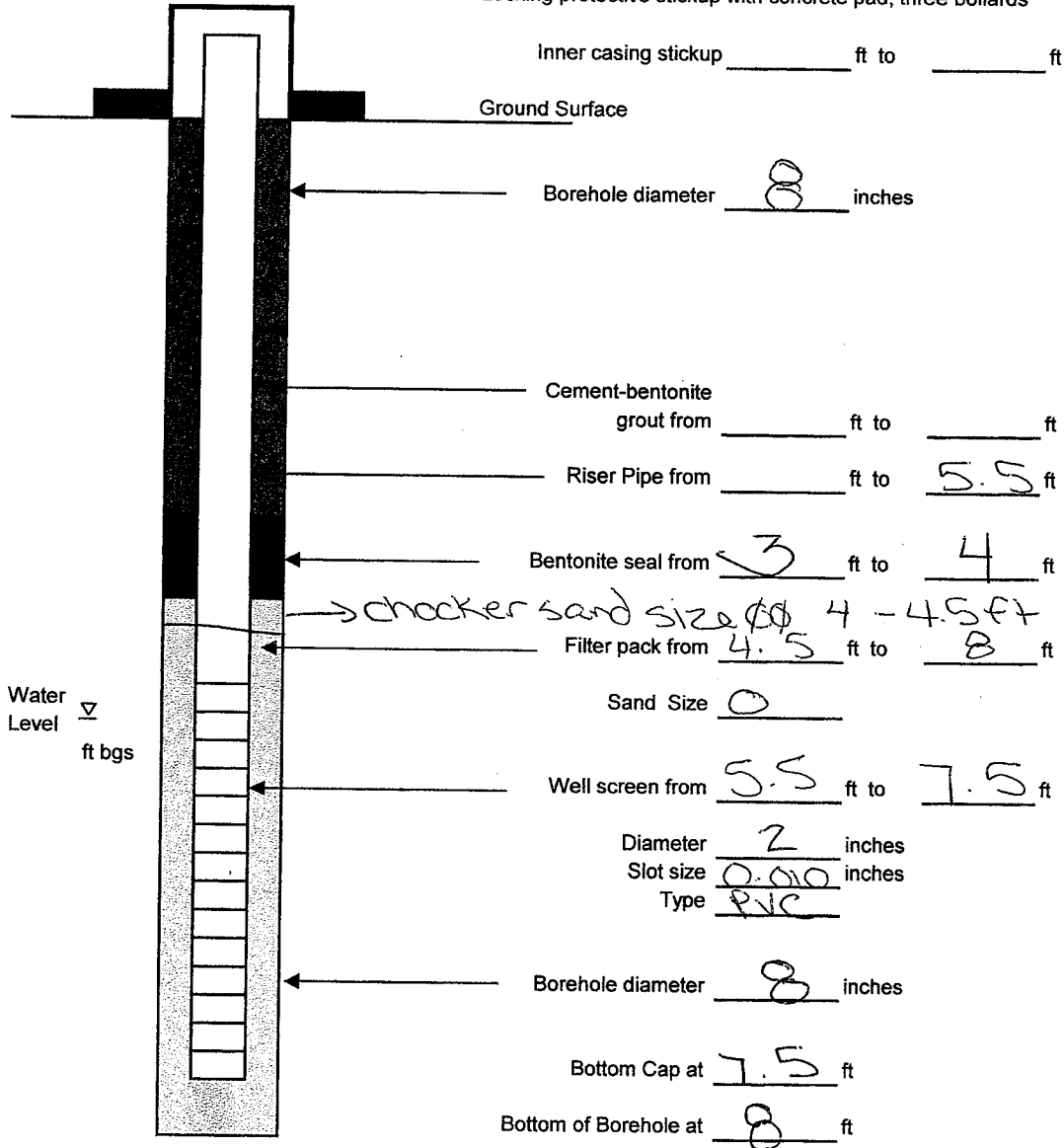
Overburden Well Diagram

Well No. 600S

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>STB Service</u>	Water Levels		
Surface Elevation: _____ Ft	Driller: <u>Tony</u>	Date	Time	Depth
Top of PVC Casing Elevation: _____ Ft	Well Permit No.:			
	Earth Tech Rep.: <u>Tanara Kaby</u>			
Datum: <u>NGVD 1988</u>	Date of Completion: <u>7/16/07</u>			

pad put in 7/23/07

Locking protective stickup with concrete pad, three bollards



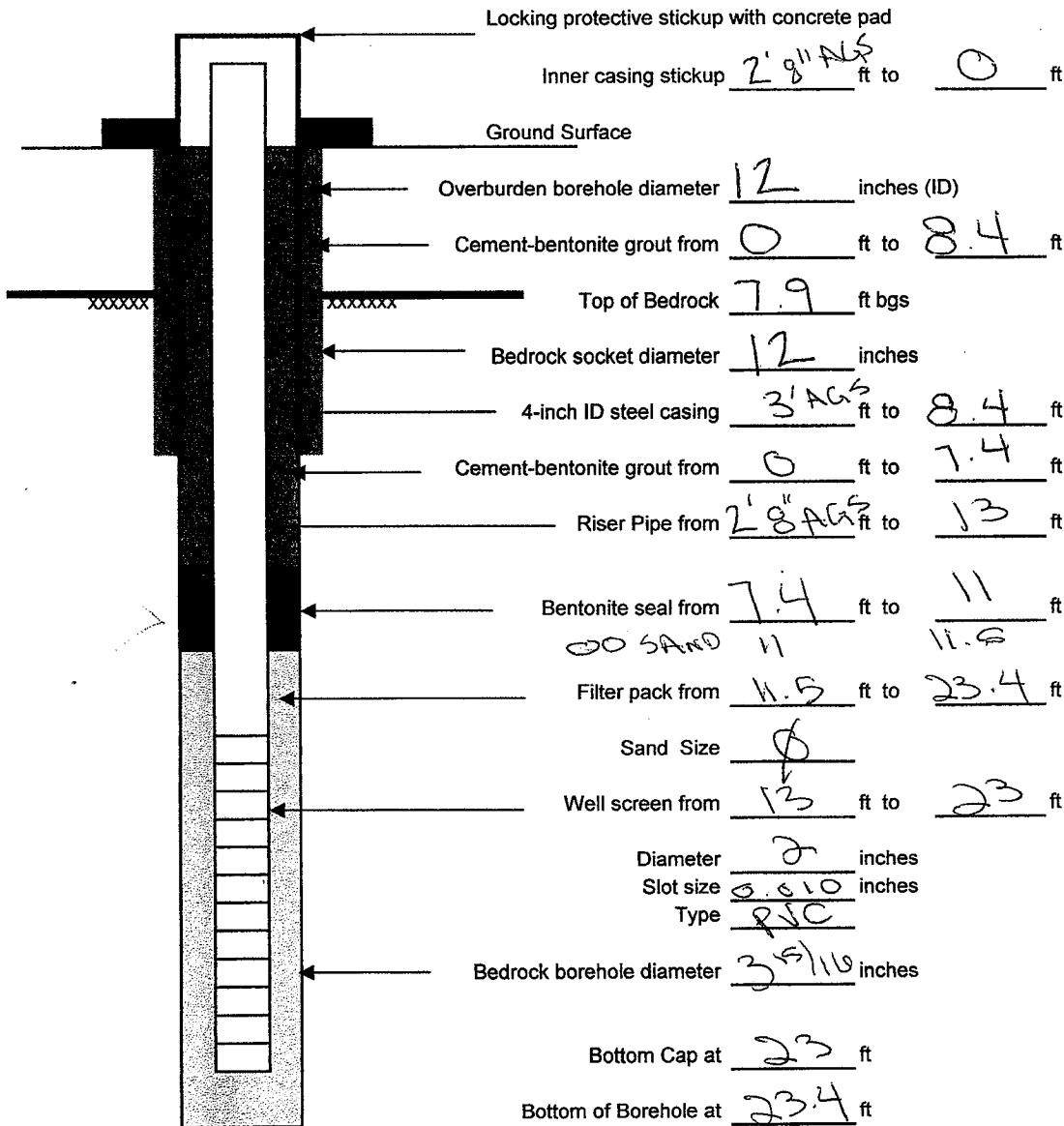
Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Bedrock Well Diagram

Well No. 6000

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SJB</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>IONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep.: <u>JANARA RAB</u>			
Datum: <u>NGVD 1988</u>	Date of Completion: <u>7/23/07</u>			



Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

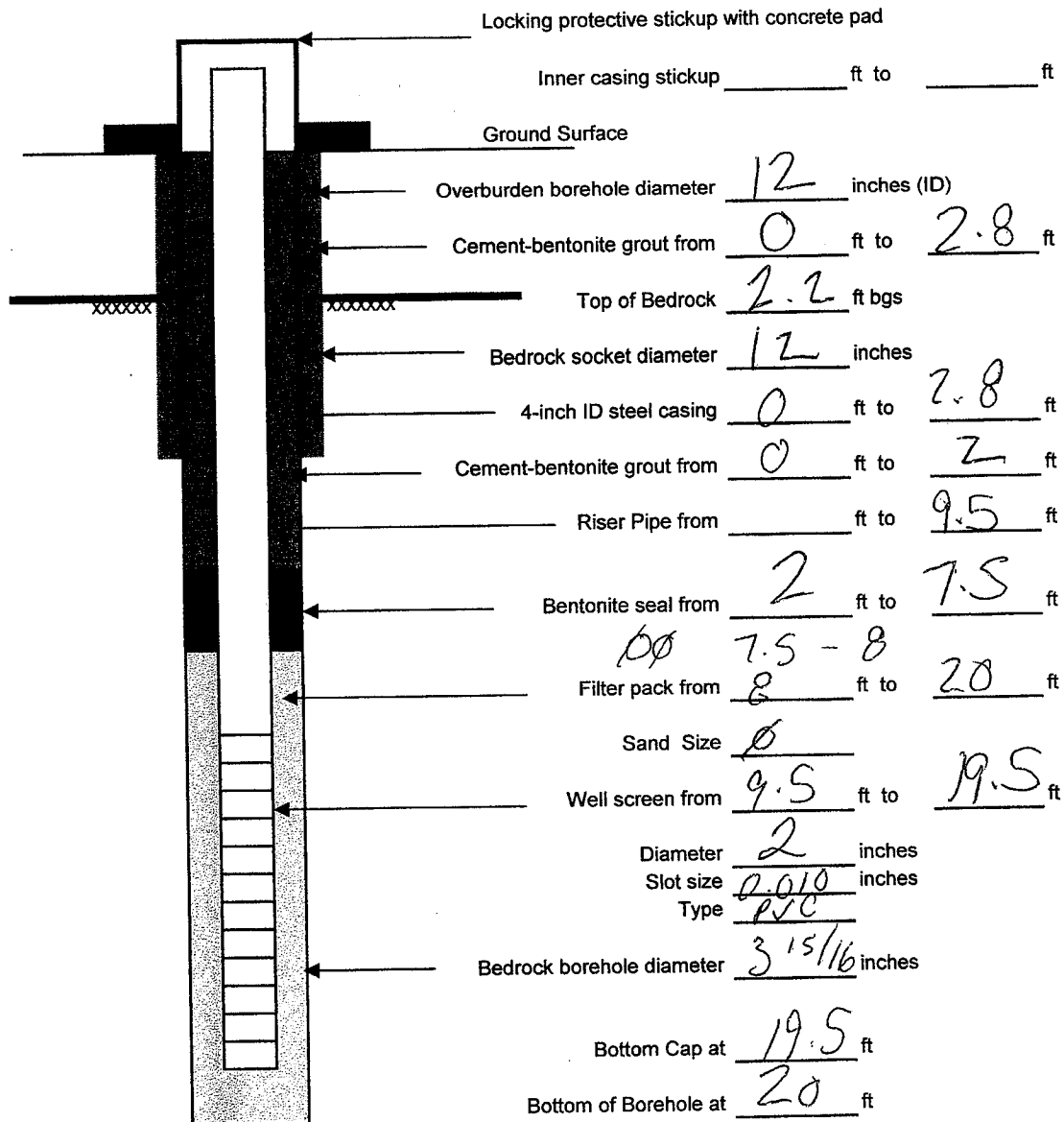
(479) 9614

Background 47 cpm

Bedrock Well Diagram

Well No. 6010

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SJB</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>TONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep: <u>Jamie Kelly</u>			
Datum: <u>NGVD 1988</u>	Date of Completion:			



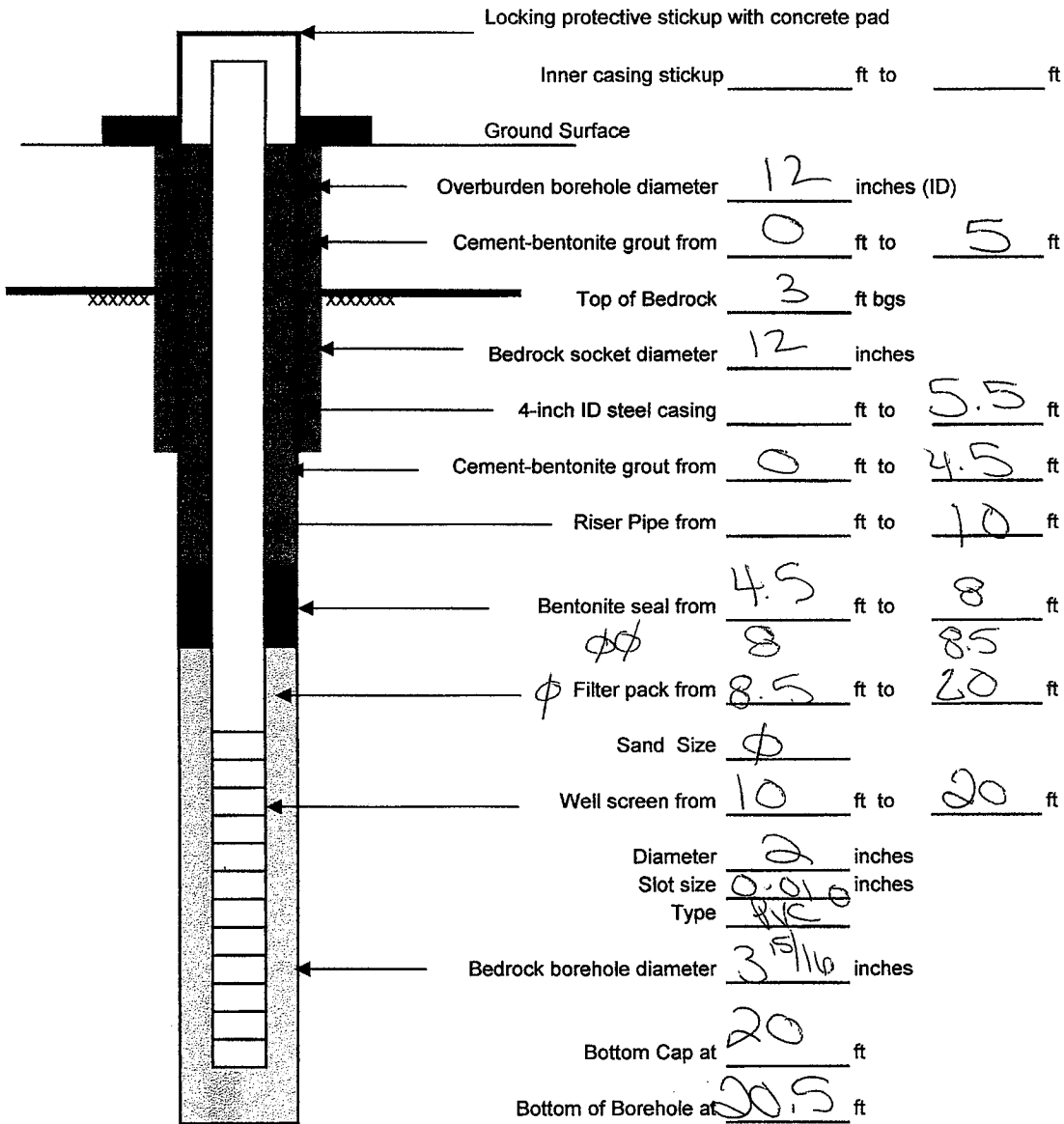
Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Bedrock Well Diagram

Well No. 6020

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SJB</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>Tony</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep.: <u>Tamara Roby</u>			
Datum: <u>NGVD 1988</u>	Date of Completion: <u>7/19/07</u>			



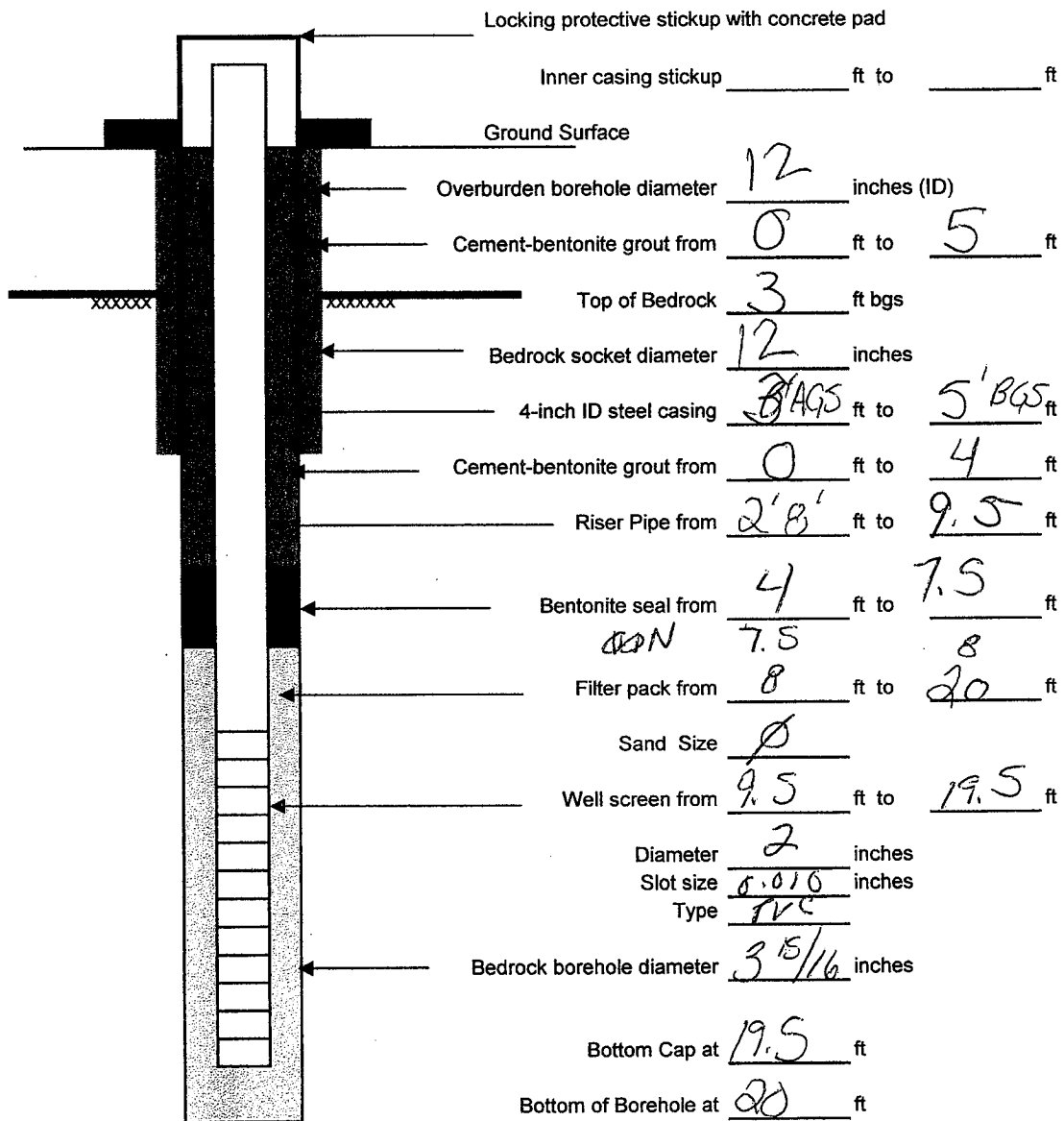
Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Bedrock Well Diagram

Well No. 6030

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>BJB</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>TONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep.: <u>Jamara Roby</u>			
Datum: <u>NGVD 1988</u>	Date of Completion: <u>7/19/07</u>			



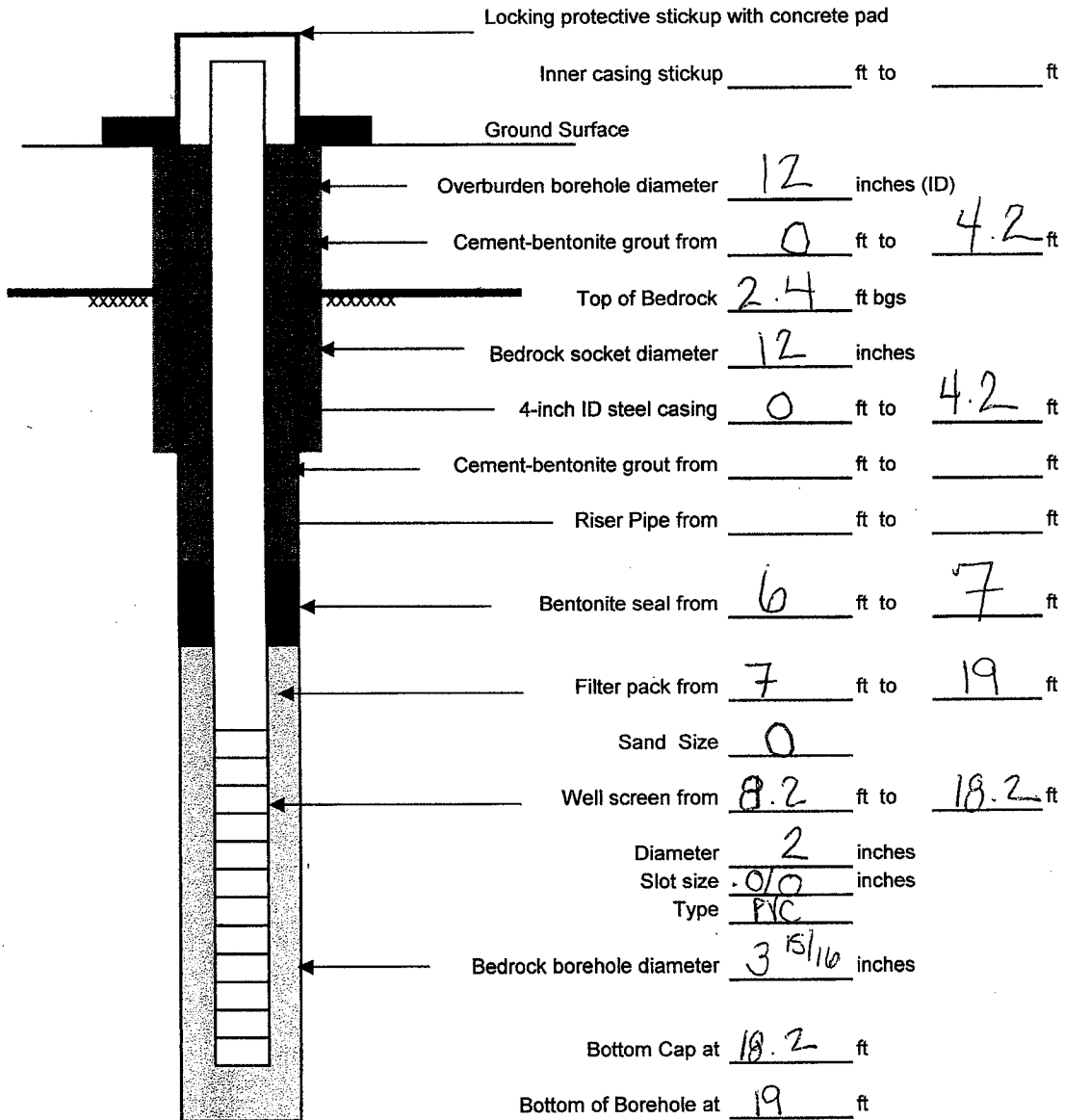
Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Bedrock Well Diagram

Well No. 604D

Project: Guterl Steel RI	Location: Lockport, NY	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SJB Services</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>TONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep.: <u>TAMARA RABY</u>			
Datum: NGVD 1988	Date of Completion: <u>6/18/07</u>			



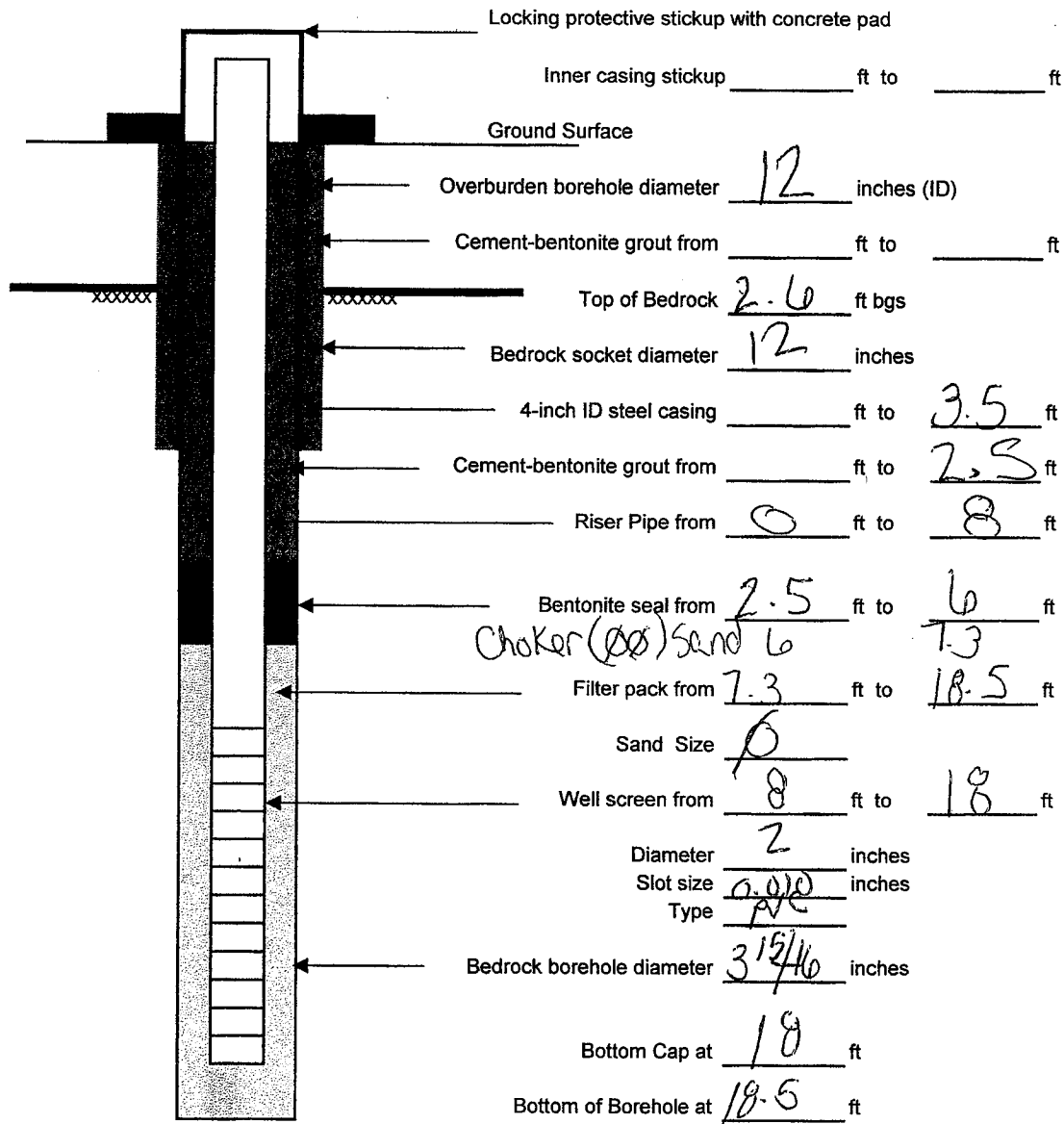
Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Bedrock Well Diagram

Well No. 6050

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SAB</u>	Water Levels		
Surface Elevation: <u> </u> Ft	Driller: <u>JONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: <u> </u> Ft	Well Permit No.:			
	Earth Tech Rep.:			
Datum: <u>NGVD 1988</u>	Date of Completion: <u>6/17/07</u>			



Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

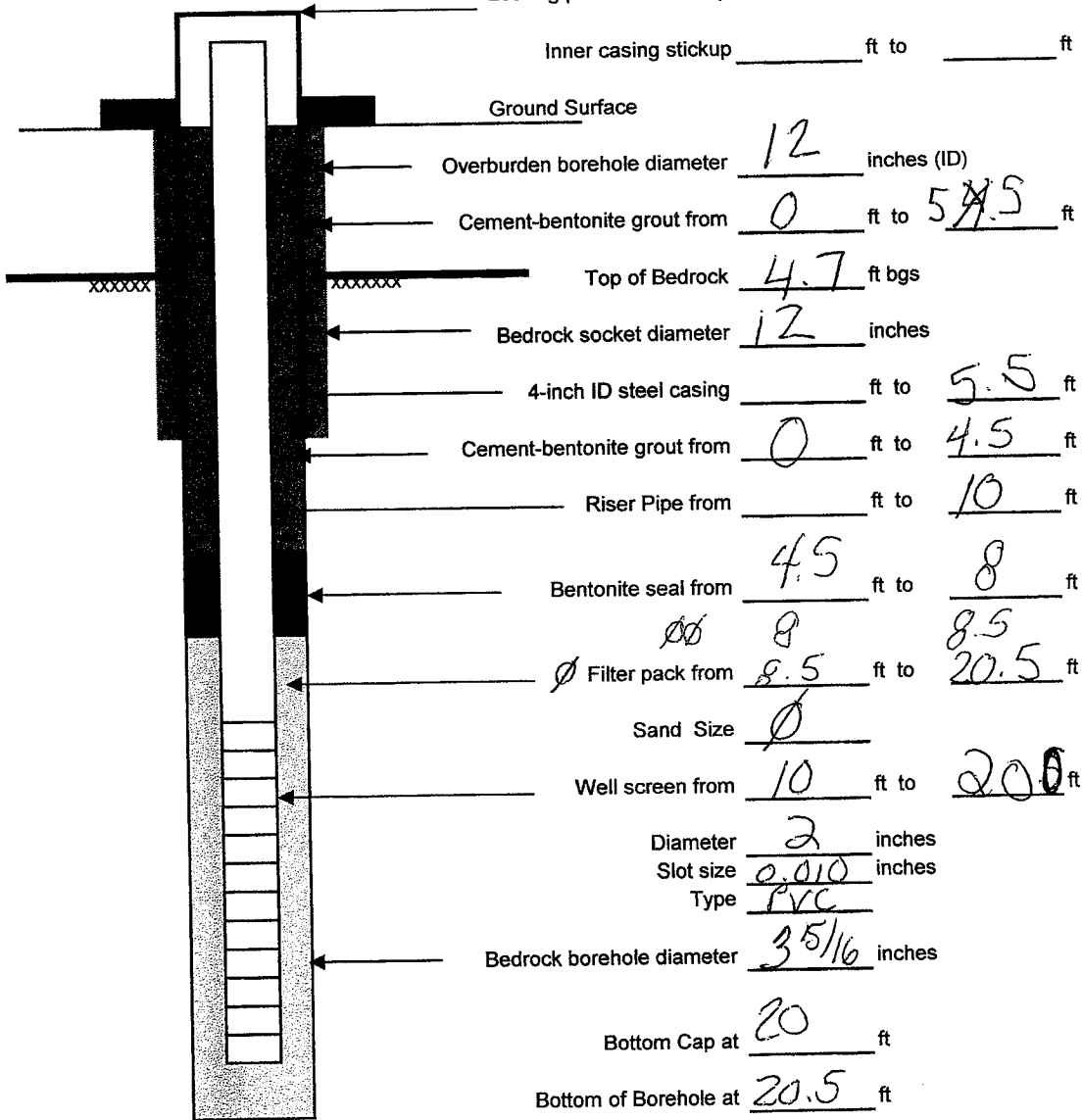
(NOT TO SCALE)

Bedrock Well Diagram

Well No. 6060

Project: <u>Guterl Steel RI</u>	Location: <u>Lockport, NY</u>	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SJB</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>TONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep.: <u>TAMARA KADY</u>			
Datum: <u>NGVD 1988</u>	Date of Completion: <u>7/18/07</u>			

*protective casing & well pad on 7/29/07
Locking protective stickup with concrete pad*



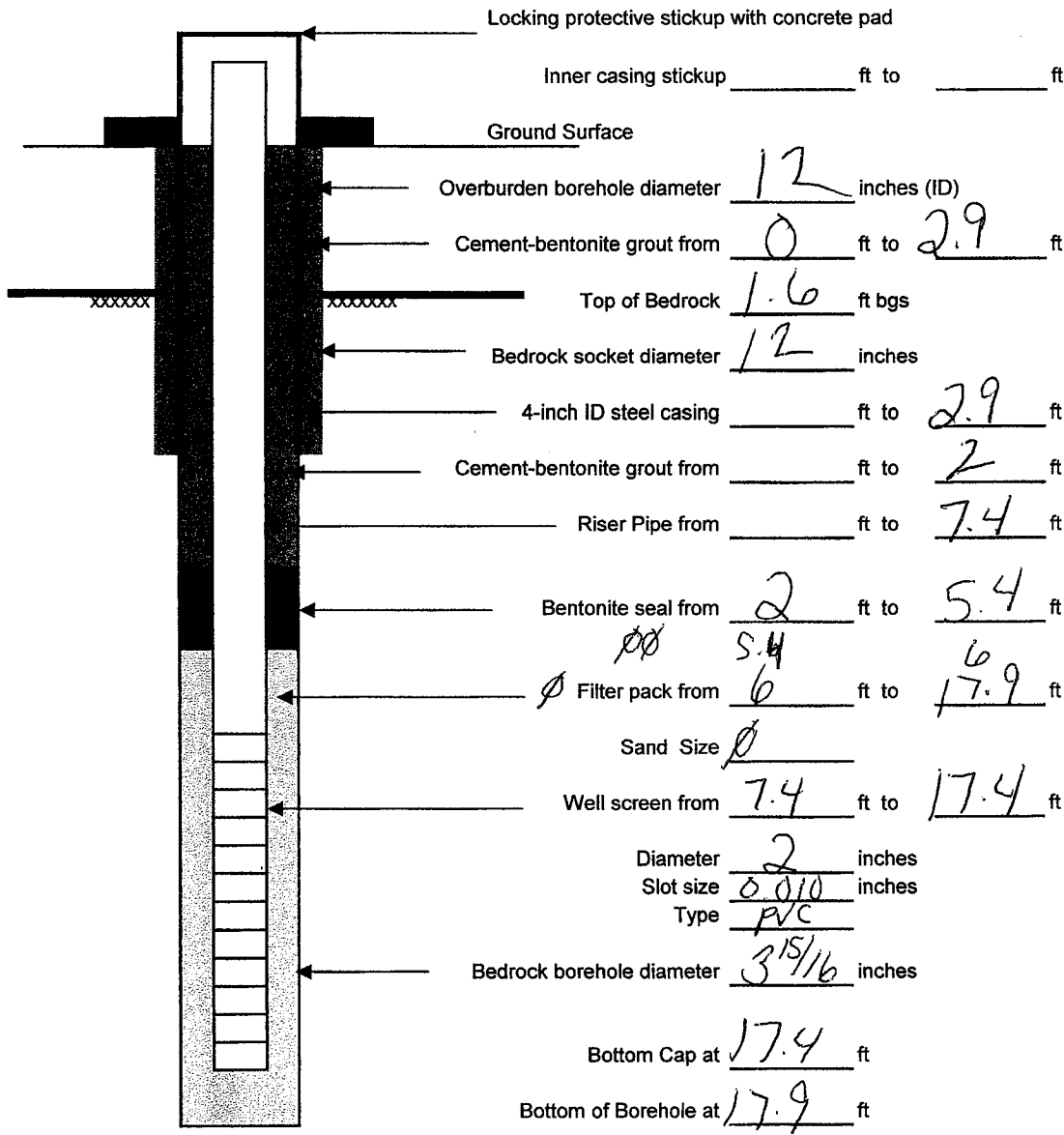
Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Bedrock Well Diagram

Well No. 607D

Project: Guterl Steel RI	Location: Lockport, NY	Page 1 of 1		
Earth Tech Project No.:	Subcontractor: <u>SJB</u>	Water Levels		
Surface Elevation: Ft	Driller: <u>TONY</u>	Date	Time	Depth
Top of PVC Casing Elevation: Ft	Well Permit No.:			
	Earth Tech Rep.: <u>TAMARA KASY</u>			
Datum: NGVD 1988	Date of Completion: <u>7/18/07</u>			



Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

A-2

SURFACE SOIL FIELD DATA RECORDS

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS06 001 00		<input type="checkbox"/> Hand Auger
Time/Date: 14:00 10/9/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 2"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>gray gravelly sand, f-cse, well graded, 30% gravel sized medium fine dolostone rock chips, loose, dry, trace-little organics (roots-rotlets, leaves). no grass cover/little weeds <u>FILL</u></p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

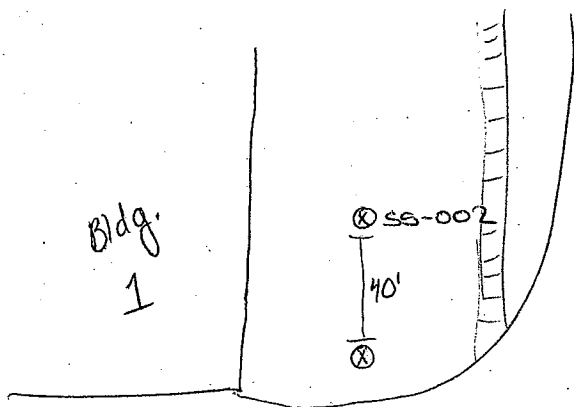
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S G/SS0600200	<input type="checkbox"/> Hand Auger
Time/Date: 10/09/00 14:20	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 3"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Surface: trace slag, ash, rusted metal chips, no vegetation

Black gravelly SANDS, poor graded, dry, loose, slag
cinders FILL

PID: 0 ppm

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

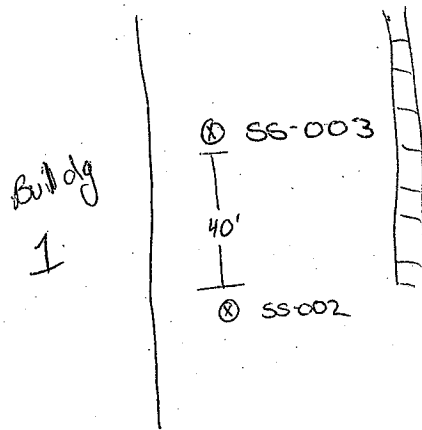
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S G7SS0600300	<input type="checkbox"/> Hand Auger
Time/Date: 14:40 10/09/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0'	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 1"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM / KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

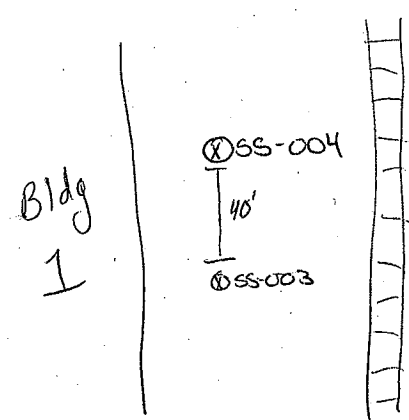
~~Substrate~~ gray gravelly sand, well graded, 20%
medium-fine dolostone chips, loose, dry
trace organics. FILL
~~no organics~~
Cover: no grass, rock, dolostone chips

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ G7SS0600400		<input type="checkbox"/> Hand Auger
Time/Date: 14:50 10/09/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 1"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KS		<input type="checkbox"/> _____
Location Description / Sketch:		
		
Soil Description / Notes:		
Cover: low vegetation, dolostone chips Gray brown gravelly SAND, medium-fine dolostone chips, loose, dry, little organics <u>FILL</u>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GTSS0600500		<input type="checkbox"/> Hand Auger
Time/Date: 15:05 10/9/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
Cover: little vegetation; moss, dolostone chips, slag, metal chips Black gravelly SAND, fine to coarse, well graded 20% dolostone chips, loose, dry . <u>FILL</u>		
PSD: 0 ppm		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

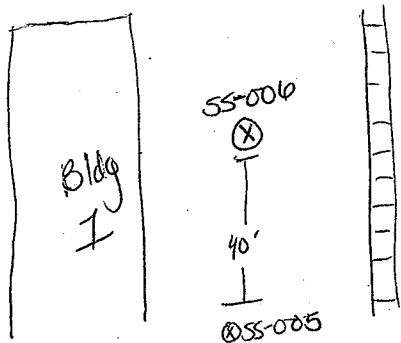
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^{S/} GTSS06 00000	<input type="checkbox"/> Hand Auger
Time/Date: 15:15 10/9/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: ^{trace} ~~trace~~ vegetation, moss; dolostone chips; slag;
metal chips;

Black/gray gravelly SANDS; f-c well graded;
10% f dolostone chips; loose; dry. FILL

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

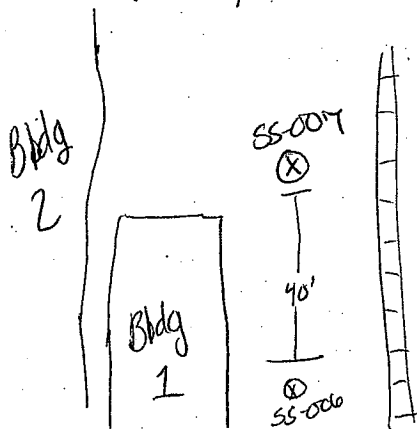
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁵ GTSS0600700	<input type="checkbox"/> Hand Auger
Time/Date: 15:35 10/9/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: trace vegetation, moss; dolostone rock and chips; slag; metal chips

Gray-black gravelly SAND; f-c; well graded
20% gravel medium-fine dolostone chips;
loose; dry. FILL

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

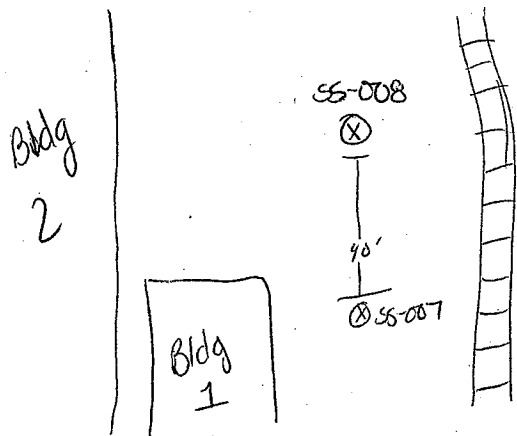
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S GS0600800	<input type="checkbox"/> Hand Auger
Time/Date: 15:40 10/9/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 3"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM / KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

cover: no vegetation, large dolostone chips;
slag; metal chips

Gray Black gravelly SAND; f-c; well graded
10% gravel m-f dolostone; loose; dry

FILL

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ GTSS0600900		<input type="checkbox"/> Hand Auger
Time/Date: 15:55 10/9/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>Soil Description / Notes:</p> <p>Cover: trace vegetation, moss, wild strawberries, adjacent to rail spur; rail spike in hole, metal chips dolostone chips; slag.</p> <p>Black-gray gravelly SAND; f-c; well graded; 10% medium fine dolostone gravel, loose, dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GTSS06 01000		<input type="checkbox"/> Hand Auger	
Time/Date: 16:00 10/9/00		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Cover: no vegetation; dolostone chips; metal chips; slag</p> <p>Gray brown gravelly SAND; c-f; well graded; 10% fine dolostone gravel loose, dry FILL</p> <p>* low level Rad area flag</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

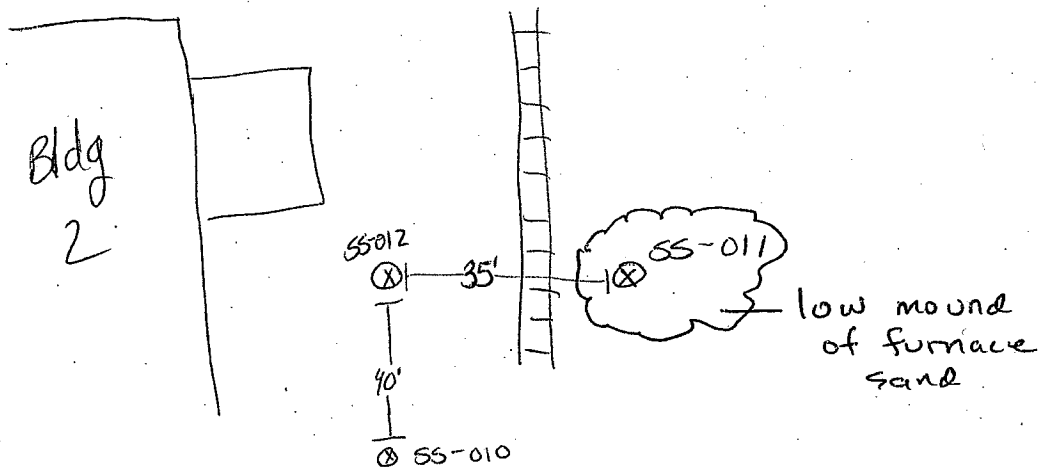
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: G7 SS060100	<input type="checkbox"/> Hand Auger
Time/Date: 10/15 10/9/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0'	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM / KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: ~~tree~~ vegetation; moss

gray-blue SAND some yellow crystallizing in molded chunks, (Furnace SAND) FILL

PID:
0 ppm

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ G/SS0601200		<input type="checkbox"/> Hand Auger
Time/Date: 16:22 10/9/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM / KU		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: trace vegetation, moss; dolostone rock chips; slag; metal chips</p> <p>0-2" Black-brown gravelly SAND, f-c, poor graded; 10% of dolostone chips, loose, drag, slag</p> <p>2-4" medium very dense sand, brown to gray some fibrous material, trace metal specs (similar to Furnace SAND material).</p> <p>PID: 0 ppm</p> <p align="center">FILL</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S G/SS0601300		<input type="checkbox"/> Hand Auger	
Time/Date: 16:45 10/9/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>cover: trace vegetation, moss; dolostone chips; slag; metal chips</p> <p>Black-brown gravelly SAND, m-c, well graded; 30% dolostone chips m-f; ^{some} slag loose; dry; metal pieces <u>FILL</u></p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GTSS06 01400		<input type="checkbox"/> Hand Auger	
Time/Date: 16:50 10/9/00		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Cover: trace vegetation, moss; dolostone chips; slag; metal chips</p> <p>Black-dark brown-gravelly SAND; m-c poor graded; 20% dolostone chips m-f sized; loose; dry; slag; metal pieces</p> <p align="center">FILL</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S G/SS0601500		<input type="checkbox"/> Hand Auger	
Time/Date: 8:25 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0'		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / ICW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p align="center">Cover: trace vegetation, moss; dolomestone chips; metal chips; slag</p> <p align="center">Fill: Black/Gray gravelly me SAND; some ^{little} SILT; some mf dolostone GRAVEL; little slag; loose; dry. FILL</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GTSS0601600		<input type="checkbox"/> Hand Auger	
Time/Date: 8:32 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Cover: no vegetation; dolostone chips; slag; metal chips.</p> <p><u>Fill</u> Black-brown mc SAND; some mf dolostone <u>GRAVEL</u> chips; little SILT; little slag; metal pieces; loose; dry. <u>Fill</u></p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GTSS0601706		<input type="checkbox"/> Hand Auger
Time/Date: 8:51 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description// Sketch:		
<p>The sketch shows a horizontal line representing a gate with several 'X' marks. A vertical line representing a building labeled 'Bldg 2' is to the left. Two sampling points are marked with circled 'X's: SS-017 and SS-016. SS-017 is 22 feet from the gate, and SS-016 is 34 feet from the gate. The horizontal distance between SS-017 and SS-016 is 12.5 feet. A vertical distance of 40 feet is also indicated.</p>		
Soil Description / Notes:		
<p>Cover: no vegetation; large dolostone chunks; slag; metal chips</p> <p>Fill: Black/Brown m.c. SAND; some mf dolostone GRAVEL GRAVEL; little SILT; metal chips slag; metal chips; loose; dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GTSS0601800		<input type="checkbox"/> Hand Auger
Time/Date: 9:05 10/10/06	<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
<p>cover: low level vegetation, grasses, goldenrod; few dolostone chips</p> <p>Dark brown mc SAND; some cmf dolostone GRAVEL; little SILT; loose; dry; little organics (roots, rootlets) <u>FILL</u></p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

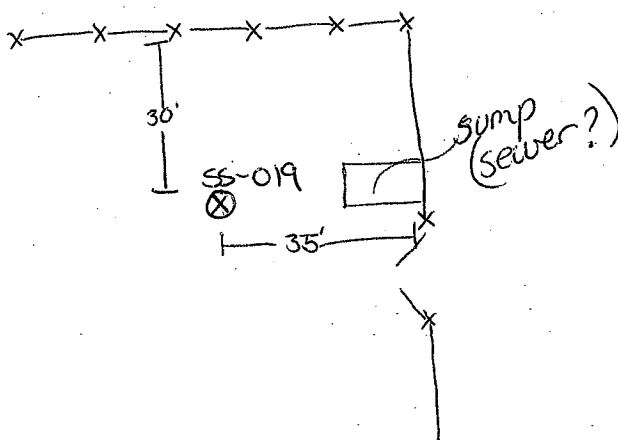
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S GTSS0601900	<input type="checkbox"/> Hand Auger
Time/Date: 9:18 10/10/06	<input checked="" type="checkbox"/> Shovel/pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: low level vegetation 50% ; large dolostone GRAVEL

PID
0 ppm

FAI: Dark Brown ~~BM~~ mc SAND; little m-f GRAVEL; little SILT; loose; dry; some organics (roots, rootlets)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GTSS0602000/XD		<input type="checkbox"/> Hand Auger	
Time/Date: 9:30 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: no vegetation; small dolostone chips; slag; DarkBrown mc SAND and mf GRAVEL; trace SILT; loose; dry;			
FIELD SAMPLE PLUS DUPLICATE FOR OFF-SITE ANALYSIS			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GTSS0602100		<input type="checkbox"/> Hand Auger	
Time/Date: 10:03 10/10/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>A hand-drawn sketch of a site. On the right side, a vertical line is labeled 'Ohio Street'. To the left of this line, there are two sample locations marked with circled 'X's. The top one is labeled 'SS-020' and is connected to the top edge by a vertical line labeled '80''. The bottom one is labeled 'SS-021' and is connected to the right edge by a horizontal line labeled '15''. To the left of the sample locations, there are six 'X' marks arranged vertically.</p>			
Soil Description / Notes:			
<p>Cover: no vegetation; small dolostone chips; slag; metal chips.</p> <p>Fill: Dark Brown, gravelly SAND m-c well graded; f-m gravel size; dry loose; dry; slag</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G7SS0602200		<input type="checkbox"/> Hand Auger
Time/Date: 10:16 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth:		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description/ Sketch:		
Soil Description / Notes:		
Cover : 50% vegetation cover ; slag ; small dolostone chips Fill, Dark Brown gravelly SAND m- e well graded ; f-m gravel size ; trace SILT ; loose ; dry ; organics (roots, rootlets).		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: G7 SS0602300		<input type="checkbox"/> Hand Auger	
Time/Date: 10:35 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Concrete pad 2" down		Cover; trace vegetation 10%; dolostone chips; slag; metal chips	
PID: 0 ppm		Fill Black gravelly SANDS m-c well graded; gravel dolostone m-f; trace SILT; loose; dry; some slag; some organics (roots, rootlets).	
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ⁵ G7SS0602400		<input type="checkbox"/> Hand Auger	
Time/Date: 10:45 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>cover: same vegetation; dolostone rock chips;</p> <p>Fill Dark Brown/gray gravelly fine SAND; dolostone gravel sized m-f well graded; trace silt; loose; dry; little organics.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS0602500		<input type="checkbox"/> Hand Auger
Time/Date: 11:00 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 4"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM / KW		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>The sketch shows a site layout. On the left is a vertical ladder. In the center is a crane. To the right is a fence and Ohio Street. Two sample locations are marked with circled X's: SS-023 and SS-024. A line connects them, with a 25-degree angle indicated between a horizontal line and the line to SS-023.</p>		
Soil Description / Notes:		
<p>Cover: 50% vegetation, grasses; golen rod;</p> <p>Fill: Dark Brown mc SAND; some mf GRAVEL; with little SILT; well graded; loose; dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S SS0602600		<input type="checkbox"/> Hand Auger	
Time/Date: 11:10 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0'		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Cover: 50% vegetation grasses; some dolostone chips</p> <p>Fill Brown Gray gravelly SAND; m-c sand; cmf ^{dolostone} GRAVEL; trace SILT; well graded; loose; dry</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GTSS0602700		<input type="checkbox"/> Hand Auger
Time/Date: 11:26 10/10/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>Bldg 2</p> <p>Bldg 1</p> <p>SS-027 ⊗ 01-54</p>		
Soil Description / Notes:		
<p>Cover: 25% low level shrubs; leaves; moss; metal chips</p> <p>Dark brown gravelly SAND; m-c SAND; mf dolostone GRAVEL; trace SILT; well graded; loose; moist moist</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S G7SS06 02800		<input type="checkbox"/> Hand Auger	
Time/Date: 11:37 10/10/04		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/kw		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Cover: 25% vegetation (low level shrubs; moss; leaves;</p> <p>Black gray gravelly SAND; mc SAND; mf dolostone gravel; trace SILT; well graded; loose; moist moist; organics (roots; wood).</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ GTSS0602900		<input type="checkbox"/> Hand Auger
Time/Date: 11:48 10/10/06		<input checked="" type="checkbox"/> Shovel/pick axe
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RH/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: 75% vegetation, moss, grass; goldenrod dolostone chips</p> <p>Fill: Dark Brown gravelly SAND; mc SAND; mf GRA dolostone GRAVEL; trace SILT; well graded; little organics; metal pieces. loose; dry moist.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ⁵ GS0603000		<input type="checkbox"/> Hand Auger	
Time/Date: 12:00 10/10/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: 75% vegetation grasses, goldenrod Fill dark brown gravelly SAND; mc SAND; mf dolostone gravel; trace SILT; well graded; slag material; loose; moist.			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ GTSS0603100		<input type="checkbox"/> Hand Auger
Time/Date: 13:45 10/10/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description// Sketch:		
<p>Bldg 2.</p>		
Soil Description / Notes:		
<p>Cover: 50% vegetation; dolostone chips, slag, metal chips.</p> <p>Fill Dark Brown gravelly SAND; m-c SAND; m-f GRAVEL very fine trace SILT; well graded; loose; dry; slag; metal pieces.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS06 03200		<input type="checkbox"/> Hand Auger
Time/Date: 13:55 10/10/06	<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6'	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/KW	<input type="checkbox"/> _____	
Location Description/ Sketch:		
Soil Description / Notes:		
Cover: 50% vegetation low shrubs; goldenrod dolostone chips; slag; metal chips Fill dark brown gravelly SAND; me SAND; mf GRAVEL; trace SICT; well graded; loose; dry: slag.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: G7 SS06003300		<input type="checkbox"/> Hand Auger	
Time/Date: 14:02 10/10/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: 25% vegetation low shrub growth; dolostone chips; slag; metal chips Fill: gray brown gravelly SAND; mc SAND; m dolostone GRAVEL; trace SILT; loose; dry; slag; trace organics (roots, rootlets).			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GTSS06034002 ^{00A} 00A		<input type="checkbox"/> Hand Auger
Time/Date: 14:10 10/10/06		<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 2" (remove 2" asphalt)		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 4"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
Cover: asphalt Fill medium Brown sandy GRAVEL; c SAND; mf dolostone GRAVEL; loose; dry		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

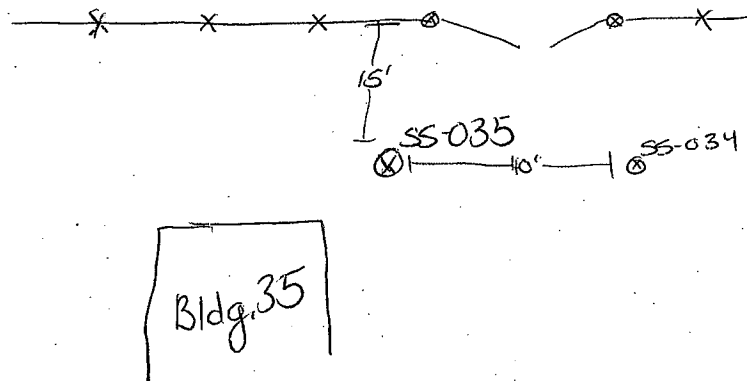
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S ^{00A} G7SS0603503	<input type="checkbox"/> Hand Auger
Time/Date: 14:30 10/10/00	<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 3" (2" asphalt + 1" gravel)	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: asphalt

Fill medium brown sandy GRAVEL,
mf cobblestone GRAVEL; ~~mac~~ SAND;
loose; dry

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

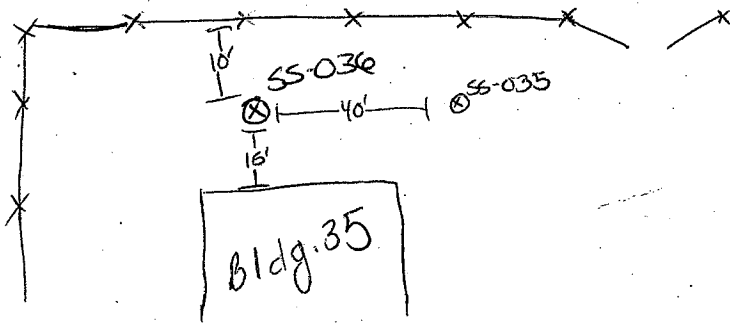
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S GTSS0603600	<input type="checkbox"/> Hand Auger
Time/Date: 14:43 10/10/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> ISS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> ISS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

cover: 25% vegetation; grasses; dolostone chips; slag.

Fill dark brown gravelly SAND; mc SAND; mf ~~mf~~ dolostone GRAVEL; trace SILT; loose; dry; slag; organics (roots, rootlets)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

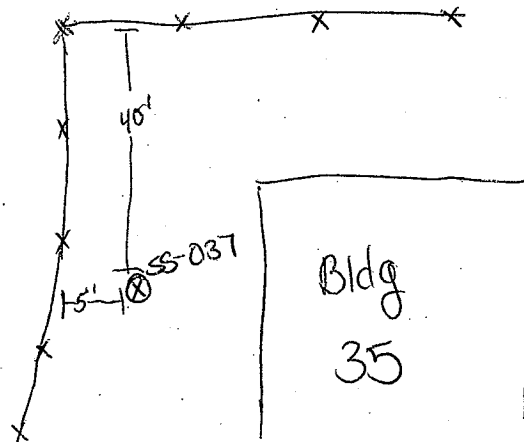
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S G7SS0603700 / ^{00A} G5SS0603703	<input type="checkbox"/> Hand Auger
Time/Date: 1515/1514 10/10/06	<input checked="" type="checkbox"/> Shovel / pick axe/pry bar
Top Depth: 0" / 3"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2" / 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: no vegetation

0-2" Fill dark brown gravelly SAND, mc SAND, mf dolostone GRAVEL; well graded; moist; loose

2-3" Asphalt

3-6" Fill med brown gravelly SAND, mc SAND, mf dolostone GRAVEL; trace SILT well graded; loose moist.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

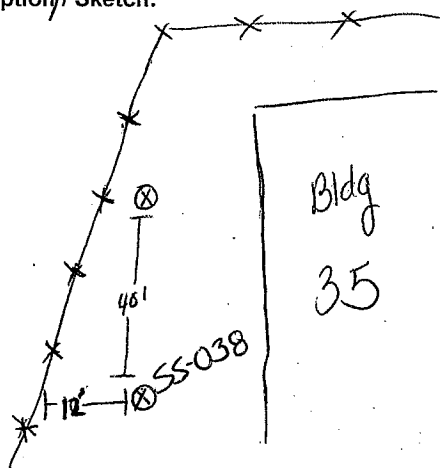
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^S GTSS06 03800	<input type="checkbox"/> Hand Auger
Time/Date: 15:33 10/10/06	<input checked="" type="checkbox"/> Shovel / pickaxe / pry bar
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description/ Sketch:



Soil Description / Notes:

Cover: 10% vegetation, moss; dolostone chips
 Fill: dark brown ~~loam~~ ^{gravelly} SAND; mc SAND; mf dolostone GRAVEL; ~~trace~~ SILT; well graded; loose; moist; slag

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: G7SS0603900		<input type="checkbox"/> Hand Auger	
Time/Date: 15:40 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 3"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes: Cover: 5% 5% vegetation; dolostone dips			
Fill: dark brown gravelly SAND; mc SAND; mf dolostone GRAVEL; trace SILT; loose; moist; slag; trace organic (roots).			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GTSS0604000 / XD		<input type="checkbox"/> Hand Auger	
Time/Date: 11:00 10/10/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 3" (slag layer below)		<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM / KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
cover: 10% vegetation, moss; dolostone chips Fill dark brown gravelly SAND; mc SAND; mf dolostone GRAVEL; trace SILT; slag; loose; moist.			
PID: 00ppm			
FIELD SAMPLE PLUS OFFSITE DUPLICAT			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ GTSS0604100		<input type="checkbox"/> Hand Auger
Time/Date: 16:15 10/10/06		<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
<p align="center">Bldg 35</p> <p align="center">NW3</p> <p align="center">20'</p> <p align="center">SS-40 40' SS-041</p> <p align="center">18'</p> <p align="center">Bldg 3</p>		
Soil Description / Notes:		
<p align="center">Cover: 10% vegetation cover moss; dolostone chips; slag; metal chips</p> <p align="center">Fill: dark brown gravelly SAND; mc SAND; mf GRAVEL; trace SILT; loose; most, slag.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S ^{00A} GT SS0604202		<input type="checkbox"/> Hand Auger
Time/Date: 16:35 10/10/06	<input checked="" type="checkbox"/> Shovel / pry bar / pick axe	
Top Depth: 2" (2" asphalt)	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM / KW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes: Cover = asphalt		
Fill med brown gravelly SAND; med SAND; mf GRAVEL; trace SILT; loose loose; moist; slag; trace organic (roots).		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GT SS0604302 ^{00A}		<input type="checkbox"/> Hand Auger
Time/Date: 10:50 10/10/06	<input checked="" type="checkbox"/> Shovel / pick axe / pry bar	
Top Depth: 2" (2" asphalt)	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
cover: asphalt Fill med/light brown gravelly SAND, me SAND w/ dolomite GRAVEL; moist; loose; slag		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS0604400		<input type="checkbox"/> Hand Auger
Time/Date: 08:55 10/11/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes: cover: 50% vegetation mow		
Fill Med Brown gravelly SAND; cm SAND; mf dolostone GRAVEL; trace SILT; well graded; moist; loose.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S GTSS0604500		<input type="checkbox"/> Hand Auger
Time/Date: 09:05 10/11/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
Cover: vegetation 10%; moss; dolostone chips Fill dark Brown gravel sandy GRAVEL; mf GRA dolostone GRAVEL; mc SAND; trace SILT; loose; moist; few metal chips.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁹ SS0604600		<input type="checkbox"/> Hand Auger
Time/Date: 09:10 10/11/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 26"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: 10% vegetation; moss; few dolostone chips</p> <p>Fill: red brown clay gravelly SAND; cmf SAND; mf GRAVEL; trace SILT; loose; moist; few metal chips.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S G7SS0604700		<input type="checkbox"/> Hand Auger	
Time/Date: 09:35 10/11/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p align="center">Bldg 3.</p>			
Soil Description / Notes:			
<p align="center">Cover: little light yellow crystallized on surface</p> <p align="center">Fill: dark brown ^{enf} SAND; some enf Adobstone GRAVEL; trace SILT; well graded; loose; moist; fiberglass insulation fiberglass insulation present</p> <p align="center">stop at 2" concrete? water below</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ G7SS0604800		<input type="checkbox"/> Hand Auger
Time/Date: 09:40 10/11/00		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
<p align="center">Bldg 3</p>		
Soil Description / Notes:		
Cover: — Fill med brown sandy GRAVEL; emp SAND; emp GRAVEL; trace SILT; well graded; moist; loose. Sample adjacent to rail track		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GT SS0604906		<input type="checkbox"/> Hand Auger
Time/Date: 09:57 10/11/00		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
<p align="center"> SS-048 25' 25' — SS-049 Bldg 3 </p>		
Soil Description / Notes:		
<p align="center">Cover: trace yellow crystallizing; few dolostone chips.</p> <p align="center">Fill: med brown gravelly SAND; mc SAND, mt GRAVEL; trace SILT; well graded; moist; loose; few metal chips.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: <u>GTSS0605000</u>		<input type="checkbox"/> Hand Auger
Time/Date: <u>10:15</u> <u>10/11/06</u>	<input checked="" type="checkbox"/> Shovel	
Top Depth: <u>0"</u>	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: <u>6"</u>	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): <u>RM/KW</u>	<input type="checkbox"/> _____	
Location Description / Sketch:		
<p>The sketch shows two buildings, Bldg 2 and Bldg 3, represented by vertical lines. A vertical line between them is marked with '25'' and 'SS049' at the top. A circled 'X' is marked 'SS050' and 'Bldg 3'.</p>		
Soil Description / Notes:		
<p>cover: _____</p> <p>Fill dark brown gravelly SAND; cmf SAND; cmf SP dolostone GRAVEL; trace SILT; loose; moist; trace metal chips.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ GTSS0605000		<input type="checkbox"/> Hand Auger
Time/Date: 10:38 10/11/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: —</p> <p>Fill: Dark Brown cmf SAND; ^{little} some mf GRAVEL; with poor graded; loose; moist; few metal chips</p> <p>* slightly mounded area</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GS0605200		<input type="checkbox"/> Hand Auger	
Time/Date: 10:45 10/11/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 3"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
cover : hardened dirt + slag mixture Fill black onf SAND; little # GRAVEL; cinders; slag; metal chips; loose; moist; poor graded. 3" deep; hardened dirt + slag layer below			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: <u>9</u> <u>GTSS0605300</u>		<input type="checkbox"/> Hand Auger	
Time/Date: <u>11:10</u> <u>10/11/06</u>		<input checked="" type="checkbox"/> Shovel / <u>pick axe</u>	
Top Depth: <u>0"</u>		<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: <u>6"</u>		<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): <u>RM/KW</u>		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p align="center">Cover: Hardened dirt/coal/slag</p> <p align="center">Fill: Black cmt SAND; little of GRAVEL; poor graded; coal dust; loose; most hardened slag material; few metal chips.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: <u>S</u> G7SS0605400		<input type="checkbox"/> Hand Auger
Time/Date: <u>11:25</u> <u>10/11/06</u>	<input checked="" type="checkbox"/> Shovel / <u>pick axe</u>	
Top Depth: <u>0"</u>	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: <u>6"</u>	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): <u>RM/KW</u>	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
<p>2" ^{very ash} harded slog fines; rust colored fine metallic debris</p> <p>Fill: entire light/red brown ^{cont.} sand sized mill debris; little mf GRAVEL; poor graded; loose; moist; ash; metal chips;</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G7SS0605500		<input type="checkbox"/> Hand Auger
Time/Date: 13:25 10/11/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
Cover: _____ Fill: dark brown cmf SAND sized particles; ash; metal shavings 2-4" Hardened slag fines + ash debris 4-6" Fill large dolostone + brick debris		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S G/SS0605600		<input type="checkbox"/> Hand Auger	
Time/Date: 13:35 10/11/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>A hand-drawn site sketch showing buildings labeled 'Bldg 8' and 'Bldg 3'. A horizontal line represents a 'CART TRACK'. Two sample locations are marked with circled 'X's and labeled 'SS-055' and 'SS-050'. A vertical dimension line between the buildings is labeled '25''. There are several small squares scattered around the buildings, possibly representing other features or markers.</p>			
Soil Description / Notes:			
<p>Cover: _____</p> <p>Fill: dark brown cmt SAND sized particles ash, Airings; slag fines; little GRAVEL; loose moist</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: <u>G7SS0605700</u>		<input type="checkbox"/> Hand Auger
Time/Date: <u>04:05 10/11/06</u>		<input checked="" type="checkbox"/> Shovel
Top Depth: <u>0"</u>		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: <u>6"</u>		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): <u>RM/KW</u>		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>The sketch shows a site layout with two buildings, Bldg 8 on the left and Bldg 3 on the right. A horizontal line labeled 'CART TRACKS' runs between them. Two sample locations are marked: 'SS-056' near the top of Bldg 8 and 'SS-057' near the bottom of Bldg 3. A vertical line with several small squares along it is drawn to the right of the buildings, possibly representing a fence or boundary.</p>		
Soil Description / Notes:		
<p>Cover: dolostone chips; 10% vegetation mow</p> <p>0-5" Fill: dark brown emp sand sized particles; some SILT; metal fillings; slag;</p> <p>at 5" light brown/red SILT; trace clay</p> <p>at 6" Brown emp silty, gravelly SAND f-c, w/ f-m gravel;</p> <p>(Grey dolostone)</p> <p>damp w/ little clay</p> <p>Native Till?</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: SS06 058	<input type="checkbox"/> Hand Auger	
Time/Date: 14:25 10/11/06	<input checked="" type="checkbox"/> Shovel / pickaxe	
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
Cover : gravel/slag/metal debris GRAVEL Fill : dark brown SILT and SAND f/c sized with slag and metal debris. moist loose.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0601000 ^S 40 ^{ES} GTSS0601000	<input type="checkbox"/> Hand Auger
Time/Date: 14:40 10/11/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 3"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KS/ES	<input type="checkbox"/> _____

Location Description / Sketch:

Soil Description / Notes:

0-3" Black fine ash
Between 2 kilns

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G7SS0606001 1		<input type="checkbox"/> Hand Auger
Time/Date: 2/14/55		<input checked="" type="checkbox"/> Shovel
Top Depth: 3"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW/ES		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
cover: Black ash Native? Red brown c-f SAND; some c-f GRAVEL; trace SILT; poor graded; loose; moist.		
near historical 5-26		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ G7SS0606100		<input type="checkbox"/> Hand Auger
Time/Date: 13:25 10/11/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/KW/ES	<input type="checkbox"/> _____	
Location Description / Sketch:		
<p>The sketch shows a rectangular site layout. On the left is 'Bldg 4'. In the center is 'Bldg 3' with a 'SUMP' below it. To the right of the sump is a sampling point marked with a circle and 'SS-061'. Dimensions of '10'' are shown for the sampling area.</p>		
Soil Description / Notes:		
cover: — Fill: Black cinders; SAND and GRAVEL ^{mt} slag; metal chips; loose; moist. debris, clay pipe in bottom @ 6"		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

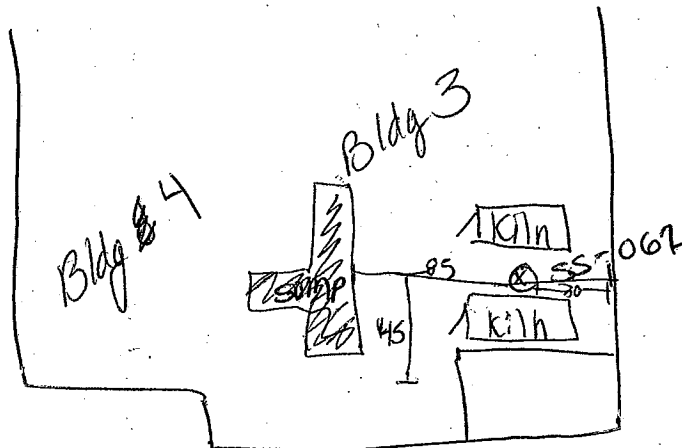
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁶ GTSS0606200	<input type="checkbox"/> Hand Auger
Time/Date: 13:40 10/11/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 16"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW/ES	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: —

Fill: black ash; slag and GRAVEL;
loose; moist; metal chips.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S G/SS06 06300		<input type="checkbox"/> Hand Auger	
Time/Date: 08:55 10/12/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: 25% vegetation; low grasses; slag; rock debris Fill med brown M/SAND and GRAVEL; loose moist; large dolostone, brick and slag chunks.			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS0606406		<input type="checkbox"/> Hand Auger
Time/Date: 09:10 10/12/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM / KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: 25% vegetation; low grasses; moss; slag; ^{yellow} furnace bricks.</p> <p>Fill: med brown gravelly SAND; m-e SAND; mf GRAVEL; large chunks of slag and dolostone; some organics (roots).</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ⁵ G7SS0606500		<input type="checkbox"/> Hand Auger
Time/Date: 09:30 10/12/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>cover: 25% vegetation; low level grasses; moss; slag; ^{yellow} furnace brick</p> <p>Fill: med brown em SAND; some mf GRAVEL; loose; moist; SLAG; large chunks.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

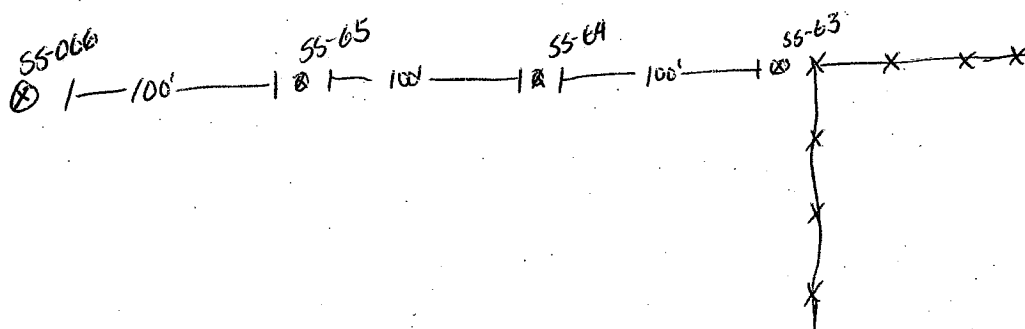
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁵ G/SS0606600	<input type="checkbox"/> Hand Auger
Time/Date: 09:45 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Over: 25% low level vegetation; slag; yellow furnace brick.

Fill med brown ~~gravel~~ mt GRAVEL and c-f SAND; loose; moist; ~~s~~ large chunks of SLAG.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS0606700		<input type="checkbox"/> Hand Auger
Time/Date: 10:05 10/12/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 2"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: 50% vegetation; tall grasses</p> <p>Fill: light/med Brown of SAND and m-f GRAVEL; loose; moist; large chunks SLAG & Furnace brick yellow</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: ⁹ G/SS0606800	<input type="checkbox"/> Hand Auger	
Time/Date: 11:10 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: 25% vegetation, low level grasses slag; furnace brick</p> <p>Fill: med Brown mc SAND and mt GRAVEL loose; moist; slag; large furnace brick</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: ^S G/SS0606900	<input type="checkbox"/> Hand Auger	
Time/Date: 11:20 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM / KW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
Cover: 25% vegetation, low level grasses; Slag, furnace brick. Fill: med brown cm SAND and mt GRAVEL loose; moist; SLAG chunks and furnace brick pieces.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

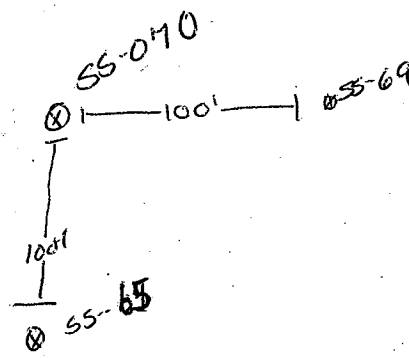
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁵ G/SS0607000	<input type="checkbox"/> Hand Auger
Time/Date: 11:35 10/12/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 25% vegetation, ~~low~~ level grasses

Fill: med. Brown mc SAND and mt GRAVEL;
loose; moist; SLAG & Furnace
Brick pieces.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ^S GS0607100		<input type="checkbox"/> Hand Auger	
Time/Date: 12:00 10/12/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: 25% vegetation; low grasses; SLAG + yellow furnace brick Fill: med Brown SAND and mf GRAVEL; loose; moist; the large slag and yellow furnace brick the pieces			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: ³ G/SS0607200		<input type="checkbox"/> Hand Auger	
Time/Date: 12:10 10/12/06		<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Cover: 25% low level vegetation, grasses SLAG; yellow furnace brick,</p> <p>Fill: med Brown mc SAND incl mf GRAVEL loose moist; SLAG and yellow furnace brick pieces; v. large dolostone rock</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

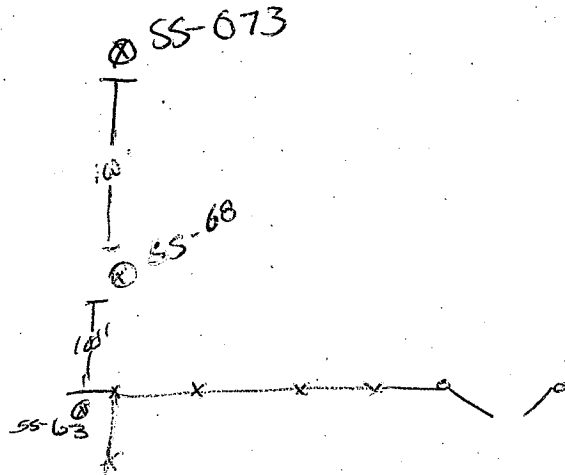
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ³ G/SS06 07300	<input type="checkbox"/> Hand Auger
Time/Date: 13:40	<input checked="" type="checkbox"/> Shovel / pickaxe
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 2"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 25% vegetation; low grasses

Fill: med Brown ~~to~~ SAND, mf GRAVEL
and SLAG: loose; moist;
yellow furnace brick debris.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

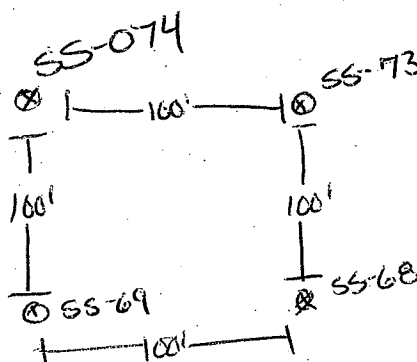
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁵ G/SS0607400	<input type="checkbox"/> Hand Auger
Time/Date: 13:50 10/12/06	<input checked="" type="checkbox"/> Shovel/pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 25% vegetation low grasses;
slag; yellow furnace brick;

Fill: med brown ~~m~~ SAND, mf GRAVEL,
and SLAG; some gray ash pieces
trace yellow crystallized chunks.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

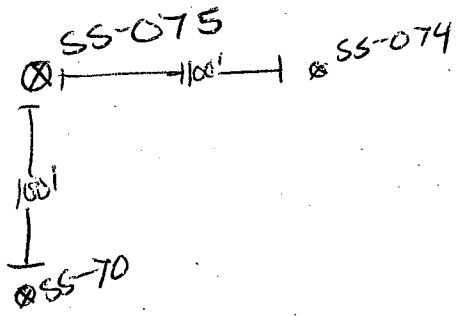
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0607500	<input type="checkbox"/> Hand Auger
Time/Date: 14:00 10/12/06	<input checked="" type="checkbox"/> Shovel/pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS-Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 25% vegetation cover;
slag; yellow furnace brick;

Fill: med brown om SAND and cmf
GRAVEL; loose; slag; large
chunks dolostone.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

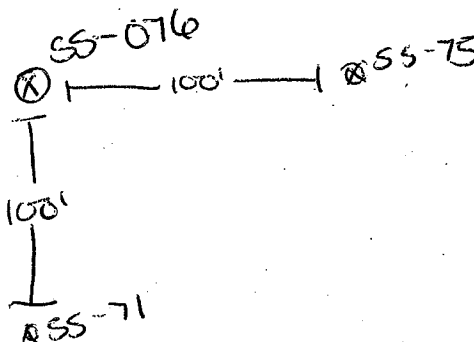
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS06 07 600	<input type="checkbox"/> Hand Auger
Time/Date: 14:15 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0'	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 50% low level vegetation
 moss, grasses, sky, yellow
 furnace brick.

Fill: med brown mc SAND and
 cmf GRAVEL, some SLAG, yellow
 furnace brick, few metal pieces, organics
 (roots)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GTSS0607700		<input type="checkbox"/> Hand Auger	
Time/Date: 14:20 10/12/06		<input checked="" type="checkbox"/> Shovel / pickaxe	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: 75% vegetation: moss, grass tail; slag; yellow foundry brick Fill: med Brown mc SAND; some mf GRAVEL; large debris; yellow furnace bricks. organics (large roots).			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

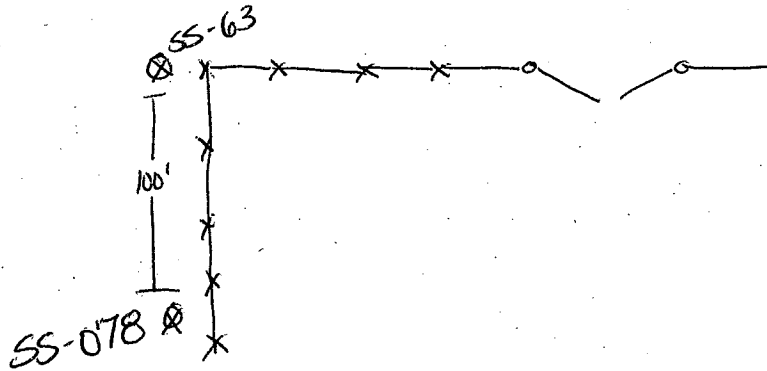
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0607800	<input type="checkbox"/> Hand Auger
Time/Date: 15:10 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM / RM KW	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: slag; ~~metal~~ metal; gravel

Fill: dark Brown mc SAND and mf

GRAVEL; some SLAG; loose, moist;
few yellow furnace bricks; few yellow
crystallized sand pieces.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0607900	<input type="checkbox"/> Hand Auger
Time/Date: 15:20 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM / KW	<input type="checkbox"/> _____

Location Description / Sketch:

Soil Description / Notes:

Cover: 25% vegetation low level grasses; slag and brick debris.

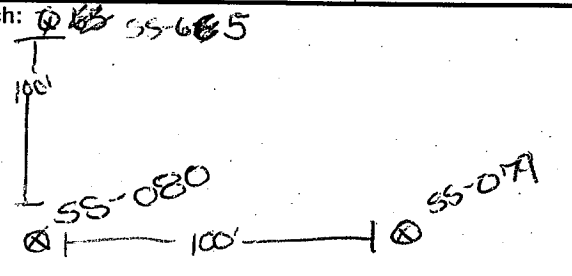
Fill: med Brown mc SAND and mf GRAVEL; loose; moist; slag; brick; large >1' diameter steel piece.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GTSS06 08000 / X _D		<input type="checkbox"/> Hand Auger
Time/Date: 15:30 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KW	<input type="checkbox"/> _____	
Location Description / Sketch: 		
Soil Description / Notes: Cover: 25% vegetation Fill: med Brown mc SAND and mf GRAVEL; some SLAG; some yellow foundry brick; few very large brick and slag		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: ⁵ SS0608100	<input type="checkbox"/> Hand Auger	
Time/Date: 15:45 10/12/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/KCW	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
Cover: 50% vegetation; low shrubs; grass; slag and gravel. Fill: med brown me SAND and mf GRAVEL; some SLAG and yellow foundry brick; loose; moist.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

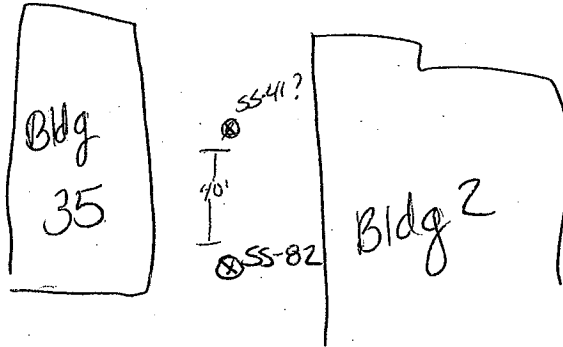
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: G7 SS0608200	<input type="checkbox"/> Hand Auger
Time/Date: 14:35 10/16/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: asphalt 2" and 3/4" SLAG chunks below.
 Fill: med brown. gravelly SAND; mic sand;
 mf GRAVEL; trace SILT; slag
 fragments; loose; moist.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: <u>7</u> SS0608300		<input type="checkbox"/> Hand Auger
Time/Date: 14:38 10/16/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/WC	<input type="checkbox"/> _____	
Location Description / Sketch:		
<p>A hand-drawn sketch showing two buildings, Bldg 2 and Bldg 3. A vertical line indicates a depth of 4 feet from the surface to a point labeled SS-83. Another point labeled SS-82 is marked at the top of the vertical line.</p>		
Soil Description / Notes:		
<p>Cover: 2" asphalt and 3/4" SLAG chunks below.</p> <p>Fill: dark brown gravelly SAND; m-c SAND and mf GRAVEL, poor graded; loose; moist; SLAG fragments.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: ^S G/SS0608400		<input type="checkbox"/> Hand Auger
Time/Date: 14:45 10/16/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/WC		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>The sketch shows a rectangular area between two buildings, 'Bldg 3' on the left and 'Bldg 2' on the right. A vertical line indicates a depth of 6 feet, with sample points labeled 'SS-083' at the top and 'SS-084' at the bottom.</p>		
Soil Description / Notes:		
<p>Cover: 2" asphalt, 3/4" SLAG chunks below.</p> <p>Fill: dark brown gravelly SAND; mc SAND; mf GRAVEL; loose; moist; SLAG fragments.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

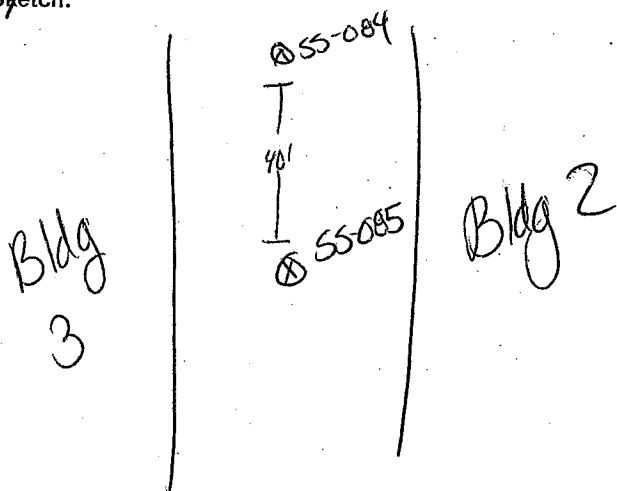
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁵ GTSS0608500	<input type="checkbox"/> Hand Auger
Time/Date: 14:50 10/16/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 2" asphalt; 3/4" slag chunks below.
Fill: dark Brown gravelly SAND; mc SAND; mf GRAVEL; loose; moist; poor graded; SLAG fragments.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

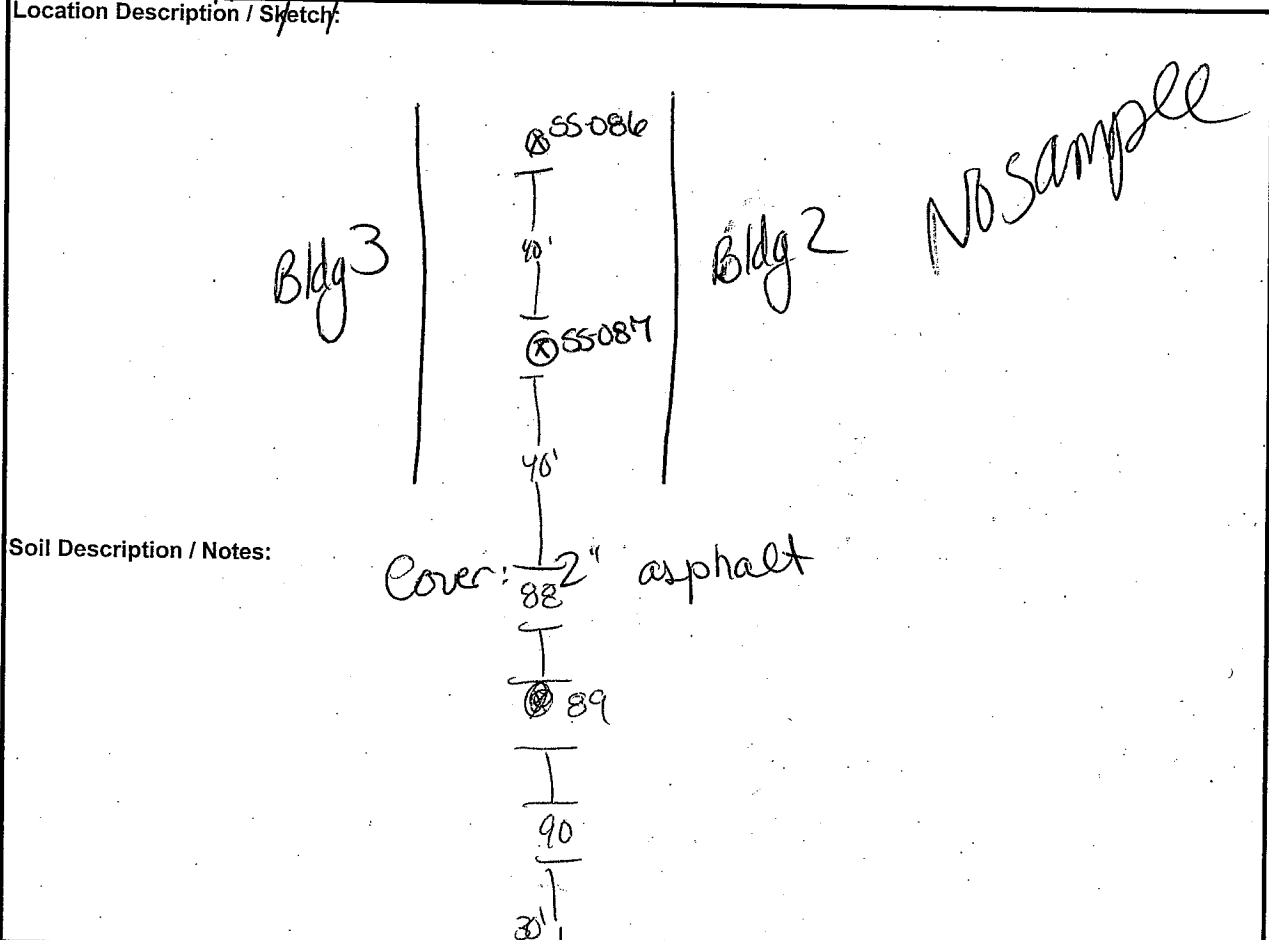
Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: <u>S</u> <u>SS0608600</u>		<input type="checkbox"/> Hand Auger	
Time/Date: <u>15:05</u> <u>10/16/06</u>		<input checked="" type="checkbox"/> Shovel / <u>pick axe / pry bar</u>	
Top Depth: <u>0"</u>		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: <u>6"</u>		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): <u>RM / WC / ES</u>		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p align="center">Cover: <u>2" asphalt</u></p> <p align="center">Fill: dark brown to light brown ^{slight} color change at 4", gravelly SAND, ac-m SAND; <u>mf GRAVEL</u>; loose, moist; poor graded; few SLAG fragments; light brown material = some little SILT.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ⁵ G7SS0608700	<input type="checkbox"/> Hand Auger
Time/Date: 15:25 10/16/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DC/ES	<input type="checkbox"/> _____



Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

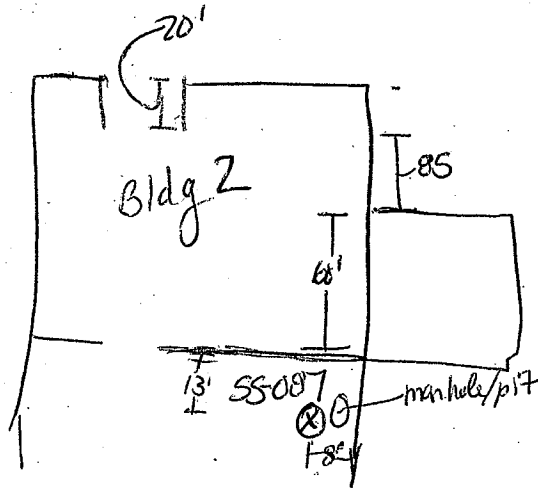
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 087100 / GSSS0608701	<input type="checkbox"/> Hand Auger
Time/Date: 8:55 / 9:00 / 10/17/00	<input checked="" type="checkbox"/> Shovel
Top Depth: 0" 6"	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6" 2'	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/ES	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 0.6' of debris fill; slag; brick; ash; dark gray to black with rusty metal fragments.

0.6-2.0' Brown gravelly SAND (Fill?)

F-m SAND; little fines, f-m subrounded GRAVEL; native appearing soil. Organics (roots).

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 08800		<input type="checkbox"/> Hand Auger
Time/Date: 9128 10/17/06		<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"		<input checked="" type="checkbox"/> ISS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> ISS Bowl
Sampler(s): RM/ES		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>Cover: 1" Surficial debris; rusting metal fragments</p> <p>0.1-1.5' Dark brown sandy GRAVEL;</p> <p>f-c SAND w/ roots; f-m GRAVEL;</p> <p>occasional concrete chunks; Fill next to concrete pad; sample collected 1-6".</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 08900		<input type="checkbox"/> Hand Auger
Time/Date: 9:40 : 10/17/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/ES		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
Cover: 0-1' debris fill with slag; brick; clinkers; 1' color change to redish brown debris fill with brick.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

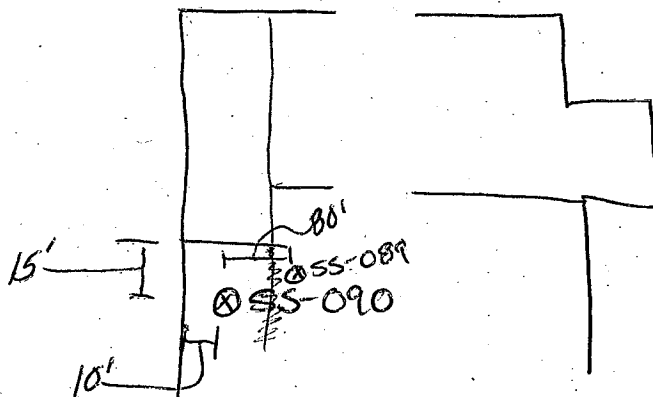
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0609000	<input type="checkbox"/> Hand Auger
Time/Date: 10:02 10/17/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/ES	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Fill debris Dark Brown gravelly sand; m-e SAND;
m-f GRAVEL; ^{rusted} metal chips and SLAG
fragments. No color change.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: GSSS06 09100	<input type="checkbox"/> Hand Auger	
Time/Date: 10:10 10/17/06	<input checked="" type="checkbox"/> Shovel / pick axe	
Top Depth: 0"	<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/ES	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
Fill dark brown to black gravelly SANDS; mc SAND; mf GRAVEL; few rusted metal chips and slag fragments		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS0609200		<input type="checkbox"/> Hand Auger
Time/Date: 10:35 10/17/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/ES		<input type="checkbox"/> _____
Location Description / Sketch:		
<p align="center">Bldg 2 120' 5' SS-87 SS092</p>		
Soil Description / Notes:		
<p align="center">Gray/lightbrown SILT, and # SAND clinkers, debris; fine SLAG; few foundry brick (yellow) chips.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

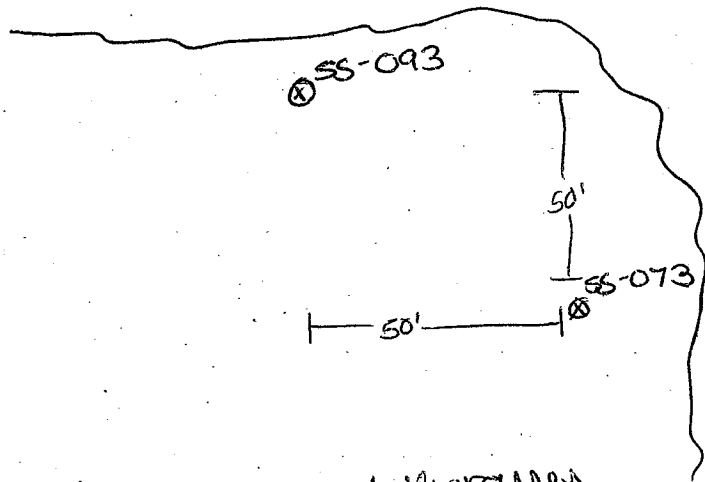
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0609300	<input type="checkbox"/> Hand Auger
Time/Date: 1415 10/17/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover 75% vegetation, tall grasses

Fill : med Brown mf SAND, SILT and mf GRAVE; loose moist. organics (roots).

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

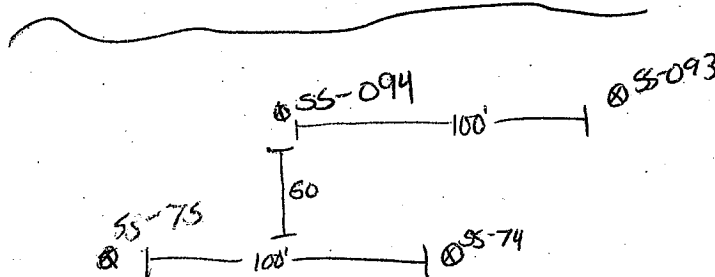
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0609400	<input type="checkbox"/> Hand Auger
Time/Date: 14:25 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/RWC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: under water 75% vegetation;
tall grasses

Fill: med brown mc SAND; SILTY and
mt GRAVEL; large SLAG fragments,
wet.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

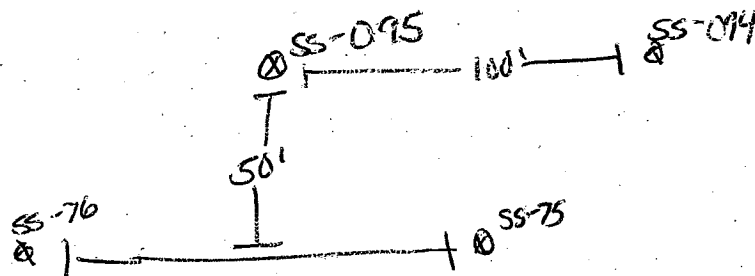
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0609500	<input type="checkbox"/> Hand Auger
Time/Date: 14:35 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: tall grasses 75% vegetation

Med brown ~~mf~~ SAND, some red brown CLAY, little mf GRAVEL moist, organics (roots)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

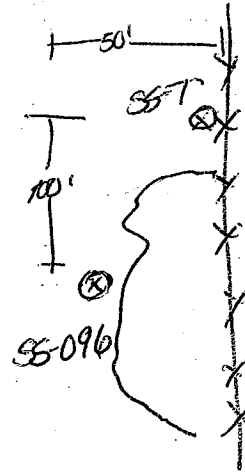
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0609600	<input type="checkbox"/> Hand Auger
Time/Date: 14:45 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 75% vegetation; on edge of "wetland area".

Fill: med brown; med SAND; mt Gravel; and SILT; loose, moist; slag and rusty metal fragments.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 09700		<input type="checkbox"/> Hand Auger	
Time/Date: 15:02 10/17/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> ISS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> ISS Bowl	
Sampler(s): RM/WC		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Cover: 75% vegetation, tall grasses Fill, med Brown; gravelly SAND; mc SAND; mt GRAVEL; loose; moist; metal and SLAG fragments little organics.			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

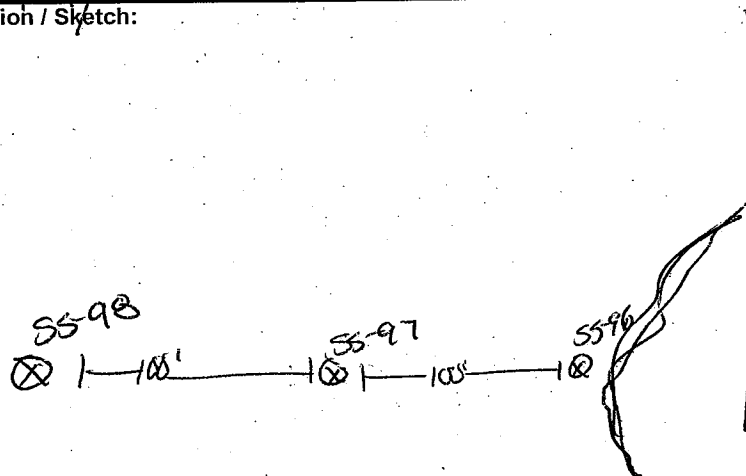
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0609800	<input type="checkbox"/> Hand Auger
Time/Date: 15:10 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

cover: 75% grasses; low shrub growth
 Fill: med brown, gravelly SAND;
 mc SAND; mt GRAVEL; loose; moist;
 SLAG, rusted metal and tandy brick
 fragments.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 09900		<input type="checkbox"/> Hand Auger	
Time/Date: 15:15 10/17/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/WC		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
cover: 75% vegetation; tall grasses 100% shrubs Fill med Brown gravel SAND; mc SAND; mt GRAVEL; loose; moist rusty metal #, slag and; foundry brick fragments			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

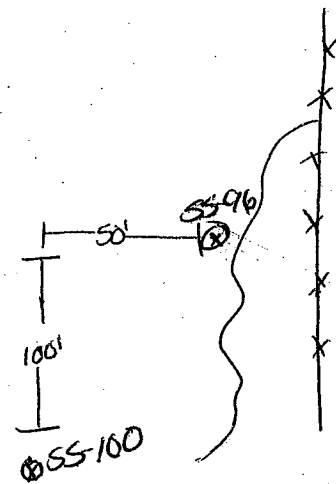
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0610000 / XD	<input type="checkbox"/> Hand Auger
Time/Date: 15:30 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 2 1/4"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM / WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 0% low ~~moist~~ ^{moss}; rock + brick fragments.

Fill med brown gravelly SAND; med SAND; mt GRAVEL; loose; moist; sandy; and ~~foundry~~ brick fragments; trace organics.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

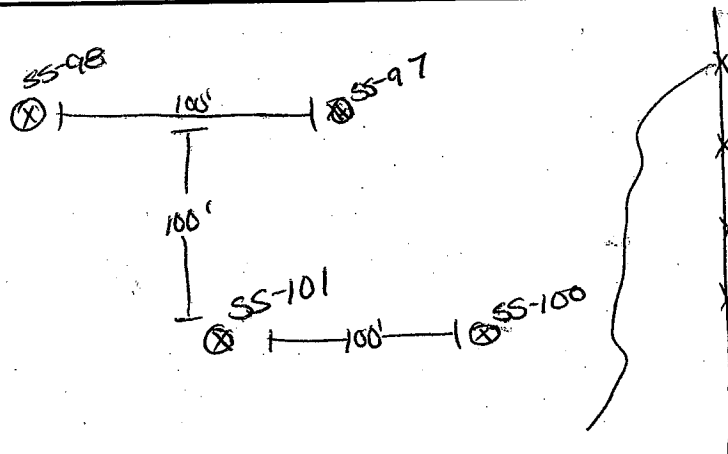
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0610100 / XD / HS / MD	<input type="checkbox"/> Hand Auger
Time/Date: 15:40	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM / WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: low level grasses

Fill: med-dark brown SILT and SAND; little mt GRAVEL; some organics (roots, wood chips).

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: ^S G7SS06 ^{AEPL} 10200	<input type="checkbox"/> Hand Auger	
Time/Date: 16:00 10/17/06	<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/WC	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
<p align="center">Cover: low grasses</p> <p align="center">Fill? med - dark brown SILT; SAND and GRAVEL; little CLAY; organics (rats leaves decayed wood chips).</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

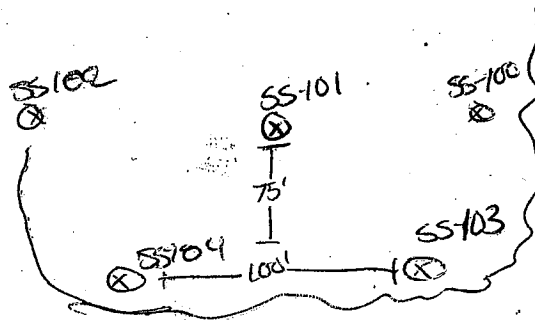
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0610300	<input type="checkbox"/> Hand Auger
Time/Date: 10:15 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: 100% low level vegetation
grasses

Fill: med brown gravelly SAND;
mc SAND; mt GRAVEL; slag; foundry
brick fragments; loose; moist.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

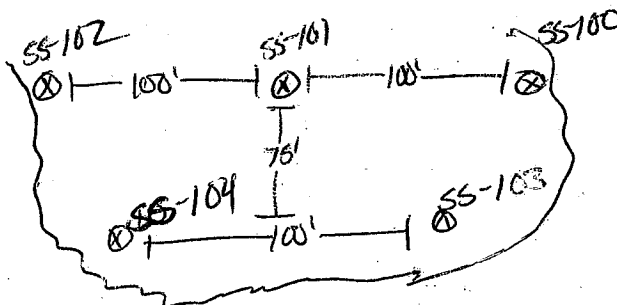
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS0610400	<input type="checkbox"/> Hand Auger
Time/Date: 16:20 10/17/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/WC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

cover, 100% vegetation; low grasses
 Fill med brown; sandy GRAVEL
 ME GRAVEL; mc SAND; little
 CLAY; slag and former brick fragments;
 organic; roots; worms; leaves

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 10500/10501		<input type="checkbox"/> Hand Auger	
Time/Date: 14:00 / 14:05 10/19/06		<input checked="" type="checkbox"/> Shovel / crow bar to break brick	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/ES		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>0-0.3' Cover: Brick Floor not grouted moss covered in places</p> <p>0.3-0.8' Fill consisting of SLAG, ASH; cinders black to dark brown in color.</p> <p>0.8-1.0' brown native-appearing clayey silt with occasional gravel, dense, damp '00' sample taken below brick floor / or native material</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

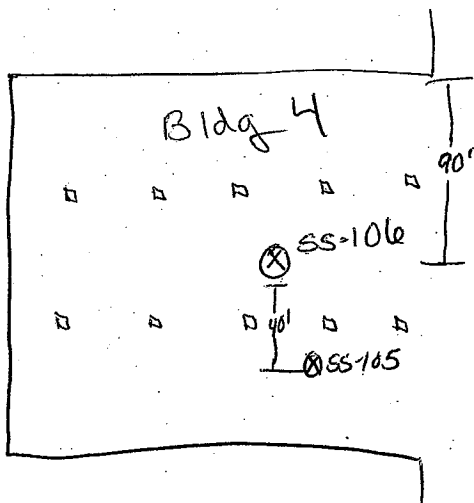
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0610600	<input type="checkbox"/> Hand Auger
Time/Date: 14:25 10/19/06	<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/ES	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

0-0.3' Cover: Brick floor, not grouted
 Fill: light brown m SAND; poorly graded,
 with CLAY @ 0.5'. No debris present.

Area is floor depression adjacent to old hand cart tracks

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS0610700		<input type="checkbox"/> Hand Auger
Time/Date: 14:50 10/19/06	<input checked="" type="checkbox"/> Shovel / pick axe / pry bar	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/ES/DB	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
0-0.3' Cover: brick flooring; no grout 0.3-0.4' Fill light brown m SAND poorly graded 0.4-0.5' Fill dark brown/red m SAND w/ brick, metal, ash & slag.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS0610800		<input type="checkbox"/> Hand Auger
Time/Date: 14:35 10/19/06	<input checked="" type="checkbox"/> Shovel / pickaxe / pry bar	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/ES/DB	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
0-0.3' Brick floor; no grout		
0.3-1.0' Fill Gray brown m SAND w/ little GRAVEL no fines, wet at 1.0'		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 10900		<input type="checkbox"/> Hand Auger
Time/Date: 15:10 10/19/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/DB/ES		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>0-0.3' Brick floor cover</p> <p>0.3'-0.5' Fill light brown m SANDS poorly graded; mixed brick; ash; slag below.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

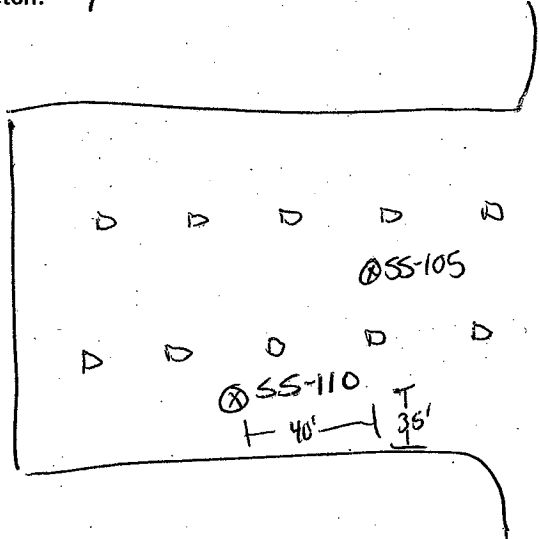
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0611000	<input type="checkbox"/> Hand Auger
Time/Date: 15:15 10/19/06	<input checked="" type="checkbox"/> Shovel / pick axe
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/ES/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

0-0.3' Cover Brick flooring, no grout, moss
 0.3-0.5' All dark brown to black SILT and f
 GRAVEL; mostly brick; slag and ash;

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 11100		<input type="checkbox"/> Hand Auger
Time/Date: 15:25 10/19/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p align="center">Cover —</p> <p align="center">Fill dark brown to black mc SANDS; slag, brick, ash, and metal fragments; loose; dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

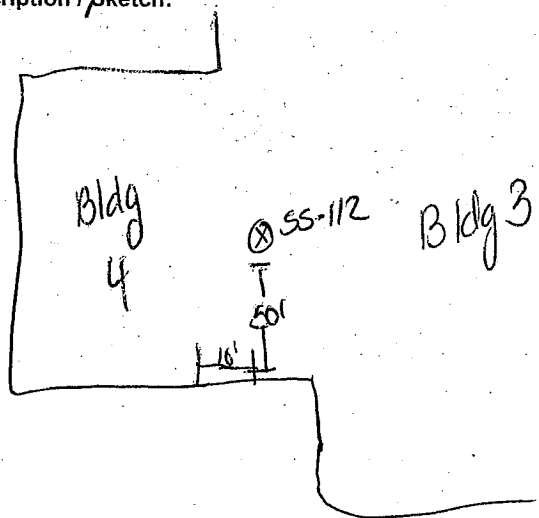
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0611200	<input type="checkbox"/> Hand Auger
Time/Date: 8:25 10/20/06	<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RH/SB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Fill dark brown to black me SAND; SILT
and mf GRAVEL; debris - ash; slag;
and brick fragments.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 11300		<input type="checkbox"/> Hand Auger	
Time/Date: 8:30 10/20/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RH/DB		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Fill dark brown to black mc SAND; SILT and mf GRAVEL; debris- SLAG; brick brick and metal fragments.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 11400		<input type="checkbox"/> Hand Auger
Time/Date: 8:38 10/20/06		<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>0-0.3' Concreted 0.3'</p> <p>0.3-0.5' Fill dark brown to red brown mc SAND and mt GRAVEL; SLAG; brick and metal fragments.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 115 00		<input type="checkbox"/> Hand Auger
Time/Date: 8:45 10/20/06	<input checked="" type="checkbox"/> Shovel / pry bar	
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/DB	<input type="checkbox"/> _____	
Location Description / Sketch:		
Soil Description / Notes:		
<p align="center">Fill black center of SAND; cinder like material, poorly graded.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 11600		<input type="checkbox"/> Hand Auger
Time/Date: 9:05 10/20/06		<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"		<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): RM/DB		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes: 0-3' Brick, no great flooring 0.3-.5' Fill dark brown SAND and mt GRAVEL; debris-slag, brick; and metal fragments.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 11700		<input type="checkbox"/> Hand Auger	
Time/Date: 19:15 10/20/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0'		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6'		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/DB		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>A hand-drawn sketch showing a rectangular area on the left labeled "Bldg 4". To its right is a vertical line labeled "Bldg 3". Between the two buildings, there is a small square labeled "SS-117" with "10'" written next to it. There are also several small circles scattered around the sketch.</p>			
Soil Description / Notes:			
<p>Cover: _____</p> <p>Fill: black very fine SAND; w/ some small SLAG; cinder like.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

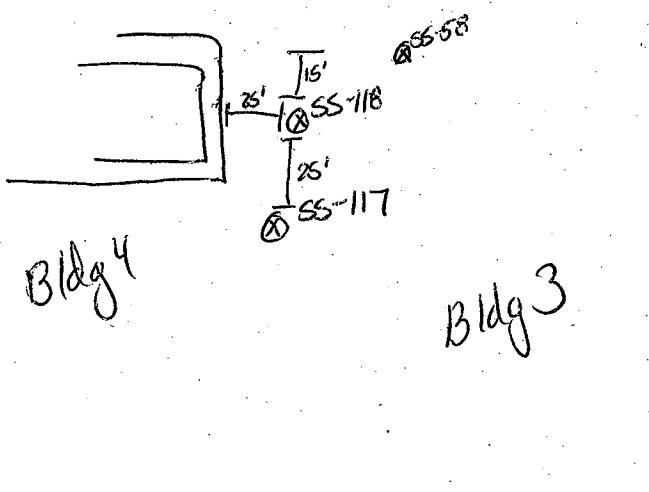
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0611860	<input type="checkbox"/> Hand Auger
Time/Date: 9:25 10/20/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0" ⁴	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6" ⁴	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: —

Fill dark brown to red m SAND; GRAVEL and SILT; debris - slag, brick and metal fragments.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

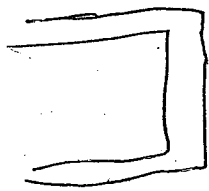
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

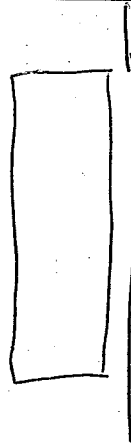
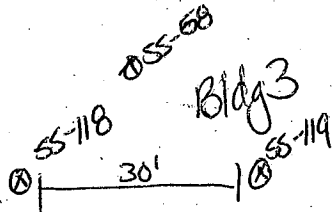
NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 11900	<input type="checkbox"/> Hand Auger
Time/Date: 9:35 10/20/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 2"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Bldg 4



Soil Description / Notes:

Cover: —

Fill: Med brown - m SAND; SILT and
GRAVEL; debris SLAG; brick and
metal fragments. few organics (roots).

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSS06 12000/xD		<input type="checkbox"/> Hand Auger
Time/Date: 9:50 10/20/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RH/DB		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>The sketch shows a layout of buildings and sampling locations. Bldg 3 is a large rectangle on the left. Bldg 4 is a smaller rectangle below it. To the right, there are two vertical lines representing structures. Sampling point SS-57 is marked with a circled 'X' and a distance of 10' from Bldg 3. Sampling point SS-120 is marked with a circled 'X' and a distance of 25' from Bldg 3. Several small squares are scattered along the vertical lines on the right.</p>		
Soil Description / Notes:		
<p>Cover: _____</p> <p>Fill: medium brown very fine SAND; some mf GRAVEL; debris - SLAG; brick and metal fragments; loose, dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

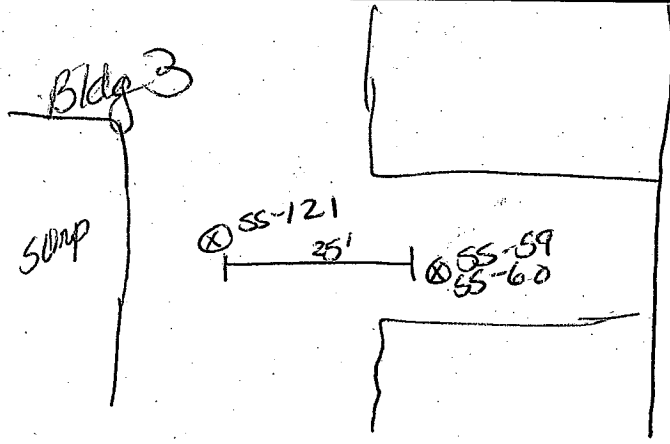
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 12100	<input type="checkbox"/> Hand Auger
Time/Date: 10:00 10/20/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

3

cover: _____

Fill dark brown to black very fine SAND and SLAG debris.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 (2200)		<input type="checkbox"/> Hand Auger	
Time/Date: 10:05 10/20/09		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/DB		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>Bldg 3</p> <p>⊗ SS-122</p> <p> 25'</p> <p>⊗ SS-120</p>			
Soil Description / Notes:			
<p>Cover: —</p> <p>0-0.4' Fill: dark brown mt SAND and SLAG debris.</p> <p>med light brown SILT trace CLAY below (Native?)</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

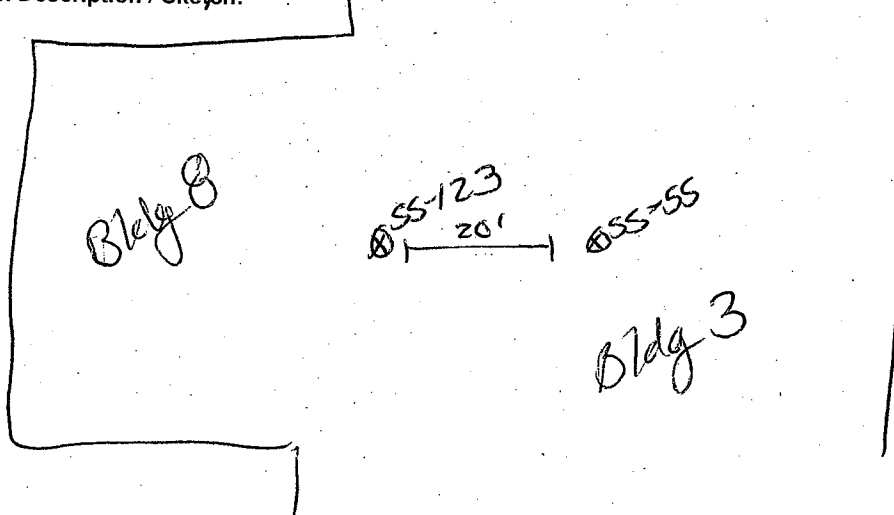
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0612300	<input type="checkbox"/> Hand Auger
Time/Date: 10:20 10/20/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: _____

Fill ~~dig~~ black msand and metal fragments, with slag; loose; dry.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 12400		<input type="checkbox"/> Hand Auger
Time/Date: 10:25 10/20/06	<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula	
Bottom Depth: 6"	<input checked="" type="checkbox"/> JSS Bowl	
Sampler(s): RM/DB	<input type="checkbox"/> _____	
Location Description / Sketch:		
<p align="center">Cover: _____</p> <p>0-0.4' Fill med brown to red m SAND; SILT and SLAG w/ brick and metal fragments</p> <p>0.4-0.5' Light brown SILT, trace CLAY w/ roots (organics). (Native?)</p>		
Analyses Requested:		Bottle(s):
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS
<input type="checkbox"/> _____		
		Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		ICE
<input type="checkbox"/> _____		

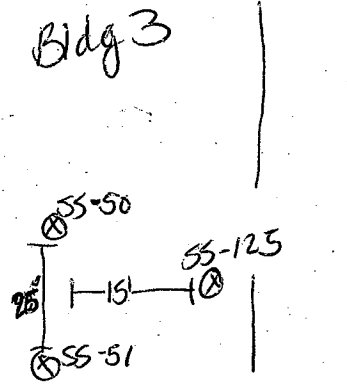
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 12500	<input type="checkbox"/> Hand Auger
Time/Date: 10:45 10/20/06	<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: _____

0-0.4' Fill dark brown m SAND, some m GRAMEL with SLAG, brick and metal fragments
 0.4'-0.5' Light brown SILT, little CLAY (Native?)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS0612600		<input type="checkbox"/> Hand Auger	
Time/Date: 11:10 10/20/06		<input checked="" type="checkbox"/> Shovel / pry bar	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/DB		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>A hand-drawn site sketch showing the relative positions of four soil sample locations. A vertical line on the left is labeled 'Bldg 3'. To its right, sample location SS-49 is marked with a circle and 'X'. A vertical line segment of 25' extends downwards from SS-49 to another sample location SS-50. A horizontal line segment of 15' extends to the right from SS-50 to sample location SS-126. A vertical line segment of 30' extends downwards from SS-126 to sample location SS-125.</p>			
Soil Description / Notes:			
Cover: — Fill: med brown/red m SAND; SLAG and yellow foundry brick			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 12700		<input type="checkbox"/> Hand Auger
Time/Date: 10/20/06 1115		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p align="center">Cover 1 —</p> <p align="center">Fill: dark brown m SAND grading to light brown/gray sand at 0.3'.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 128 00		<input type="checkbox"/> Hand Auger	
Time/Date: 11:25 10/20/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): RM/DB		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
<p>Bright Yellow crystals on pile of black foundry SAND</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

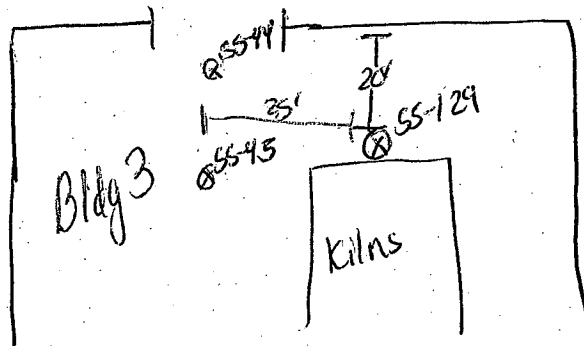
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0612900	<input type="checkbox"/> Hand Auger
Time/Date: 11:30 10/20/06	<input checked="" type="checkbox"/> Shovel / pry bar
Top Depth: 0"	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 6"	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/DB	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Cover: _____

0-0.3' Fill: Black m SAND with metal and brick fragments.
0.3-0.5' Light brown/gray gravelly SAND.
Water at 0.3'.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06013000		<input type="checkbox"/> Hand Auger
Time/Date: 11:40 11:40 10/20/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0"		<input type="checkbox"/> SS Spoon/Spátula
Bottom Depth: 6"		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): RM/NB		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
Cover — Fill dark brown to red in SAND w/ SLAG and Brick fragments.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

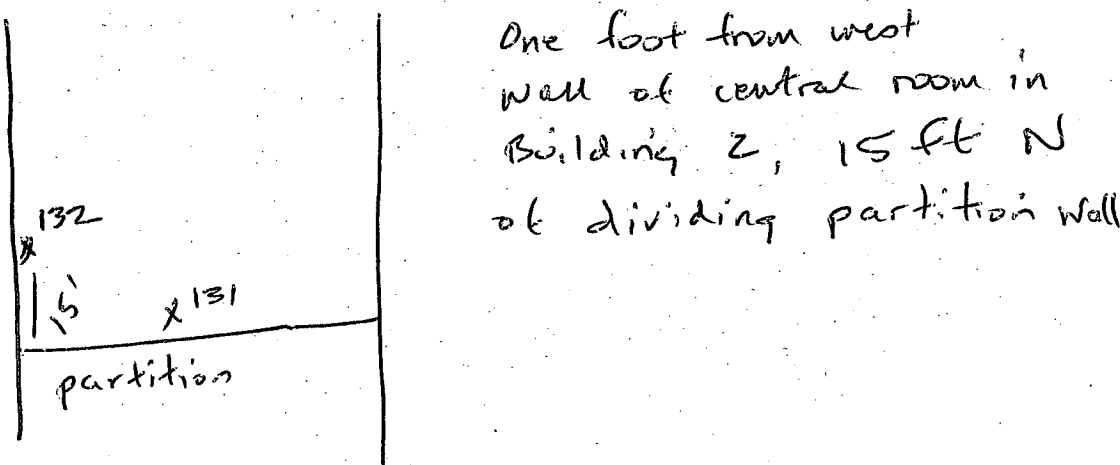
NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS0613100		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 0.5 (6")		<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): ELS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>6 feet north of building partition from center of main room in building 2</p>		
Soil Description / Notes:		
<p>Rust colored to Dark gray debris fill bricks, slag, metal, silty sand with dust, decayed (rusted) metal, compact, dry, no odor or visual contamination.</p> <p>most of this floor material appears to be rusty metallic fines</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 13200		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 0934		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ELS		<input type="checkbox"/> _____
Location Description / Sketch:		
		
Soil Description / Notes:		
<p>gray fill rusted metal (bolt) and metal lines, little sand any gravel, gravel-sized slag, clinkers, metal debris, dry, compact</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 13300		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 0947		<input checked="" type="checkbox"/> Shovel / pit
Top Depth: 0.0		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ELS		<input type="checkbox"/> _____
Location Description / Sketch:		
Soil Description / Notes:		
<p>0-0.5 gray sandy silty fill silt with little sand and fine gravel, 5% metal pieces, & rusted metal fines</p> <p>0.5-1.0 yellow bricks with debris fill similar to surface material</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

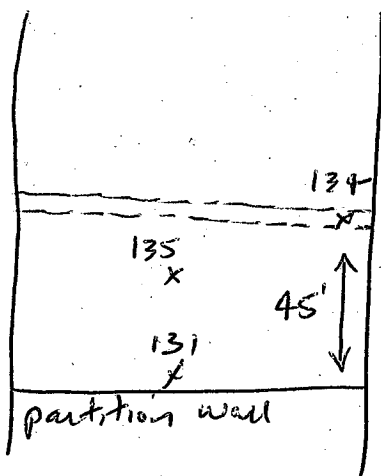
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 13400	<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 1014	<input type="checkbox"/> Shovel
Top Depth: 0.0	<input checked="" type="checkbox"/> ISS Spoon/Spatula
Bottom Depth: 0.1 (2")	<input checked="" type="checkbox"/> ISS Bowl
Sampler(s): EGS	<input type="checkbox"/> _____

Location Description / Sketch:



At east end of a 2' deep (approx) utility trench with steam or water pipes. debris has filled in around pipes to 1' below floor surface

Soil Description / Notes:

Fill Debris surrounding pipes in utility trench. fine rusted metal, silt, to sd loose, damp

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 13500		<input type="checkbox"/> Hand Auger	
Time/Date: 10/24/06 1001		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.1 (2 inches)		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): EGS		<input type="checkbox"/> _____	
Location Description / Sketch:			
		SS-135 ^S is in center of Main central room in Bldg 2 and 27 feet N of SS-131	
Soil Description / Notes:			
dark gray - rusty gray fill sand, metal fines, rust flakes, silt damp (below open roof) compact no odor or evidence of organic contamination			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 13600		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 11:31		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>25' N of sample #135</p> <p>Bldg. 2</p> <p>SS-136 located in center of main central room in Bldg. 2, 25' North of SS-135.</p>		
Soil Description / Notes:		
<p>dark grey Fill - sand, gravel, slag, ash, metal pieces, loose, damp (open roof)</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

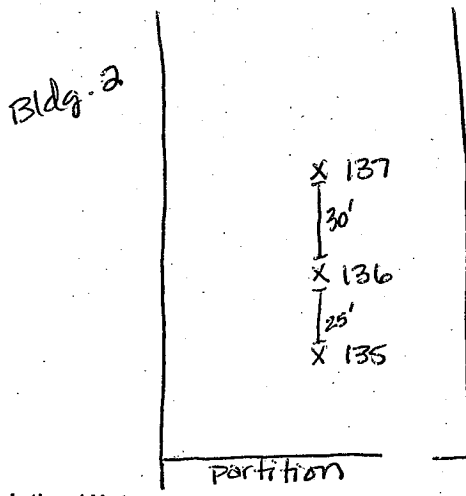
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 13700	<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 11:40	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft.	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft (6")	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS	<input type="checkbox"/> _____

Location Description / Sketch:



SS-137 taken from low spot in dirt floor, located 30' North of SS-136, in Bldg. 2.

Soil Description / Notes:

dark grey fill with 20% sand - ash, clinkers, slag, metal pieces, loose, damp (open roof)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 138 00		<input type="checkbox"/> Hand Auger	
Time/Date: 10/24/06 11:48		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 ft. (6")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
		SS-138 located in center of Bldg. Z and 27 feet North of SS-137	
Soil Description / Notes:			
Light grey SILT, SAND, and fine debris consisting of metal, slag, rust flakes, ash, trace wood, dry			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

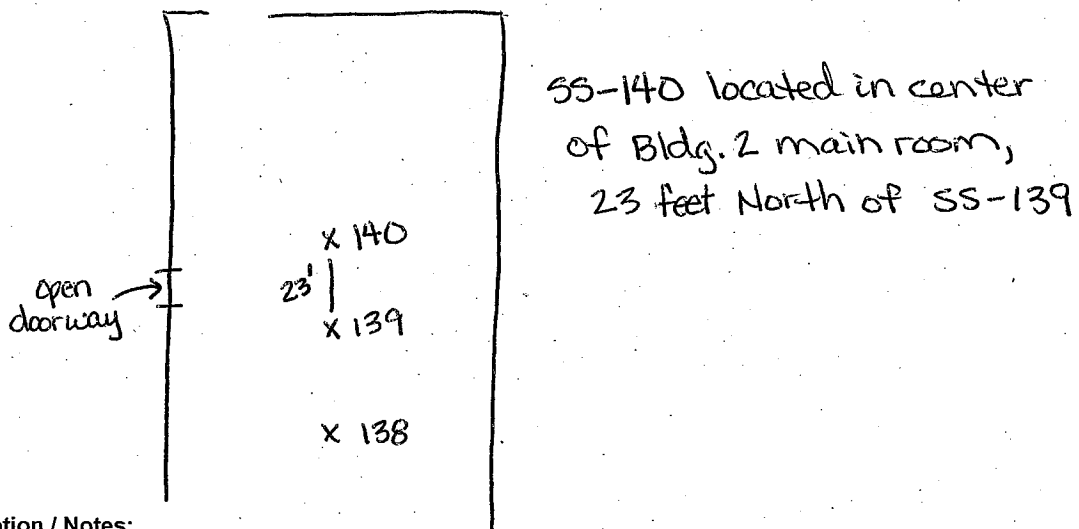
NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS0613900		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 11:59		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.10 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth:		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>SS-139 located in Bldg. 2 Main central room, 24 feet North of SS-138</p>		
Soil Description / Notes:		
<p>dark grey fill - sand, gravel, pieces of yellow fire brick, ash, slag, loose, dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06/4000		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 12:13		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.6 ft (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS		<input type="checkbox"/> _____
Location Description / Sketch:		
		
Soil Description / Notes:		
<p align="center">50% yellow fire brick and dolomite stones, with fines and debris between, loose, dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> XRF Metals (Field) - Duplicate		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 141 00		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 13:32		<input checked="" type="checkbox"/> Shovel
Top Depth: 6.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>Bldg. 2</p> <p>SS-141 located in main central room of Bldg. 2, 26 1/2 feet North west of centerline and 23 feet north of SS-140.</p>		
Soil Description / Notes:		
<p>Dark brown hard, compacted layer of rusty, metallic All material and debris including: glass, metal, brick, etc; dry.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

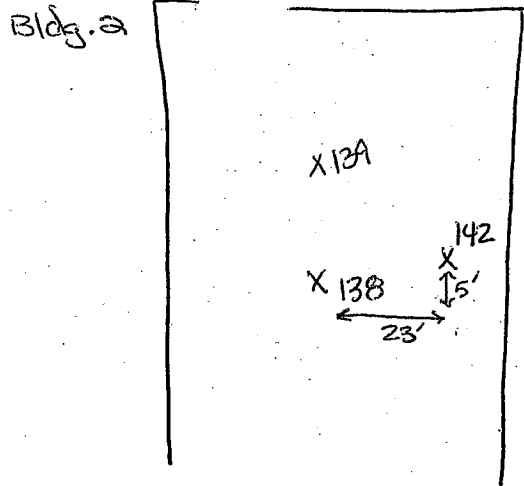
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 14200	<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 13:40	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft.	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0. ft. (2")	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS	<input type="checkbox"/> _____

Location Description / Sketch:



SS-142 collected from main room in bldg. 2 23 ft. east of SS-138 and 5 ft. north, along east wall of bldg.

Soil Description / Notes:

Dark brown silty sand with some gravel, brick, and debris; loose, dry.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

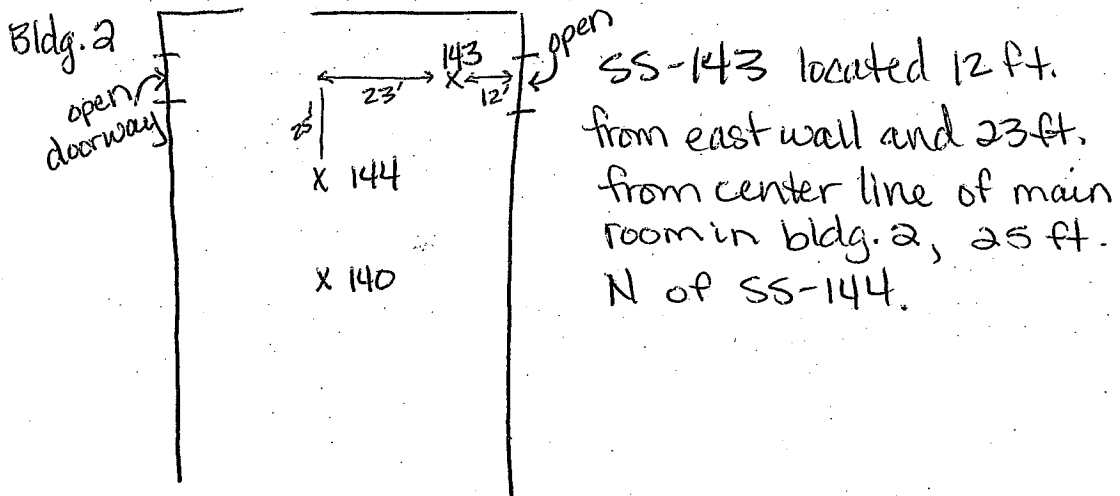
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 14300	<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 13:51	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft.	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft (16")	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Dark brown silty sand with some gravel, metal pieces, brick, slag, ash, etc; loose, dry.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 14400		<input type="checkbox"/> Hand Auger	
Time/Date: 10/24/06 13:58		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Bldg. 2</p> </div> <div style="width: 45%;"> <p>SS-144 located in main room of bldg. 2, 55 feet North of SS-140.</p> </div> </div>			
Soil Description / Notes:			
<p>Dark brown silty sand with angular metallic pieces, brick, slag, ash, debris; loose, moist (open doorway).</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS0614500		<input type="checkbox"/> Hand Auger
Time/Date: 10/24/06 14:39		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ELS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>SS-145 collect from outside bldg. 2 by North overhead door entrance. East of door, below wall-mounted transformer.</p>		
Soil Description / Notes:		
<p>Med-Dark brown organic topsoil with some angular m-f GRAVEL, with brick pieces, wood chips, roots; moist, loose; no odor or signs of contamination.</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 14600		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06 8:30		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0. ft (2")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ELS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>SS-146 located in western portion of excised area, 25' south of gate 7' inside fence line.</p>			
Soil Description / Notes:			
<p>Dark brown topsoil with organics (roots), no trace gravel, moist, loose.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 14700		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06 8:37		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch: SS-147 located in transformer area west of bldg. 8 inside of fence line 7 feet west of bldg. 25' south of gate. 87' south of gate 27' east of fence line 			
Soil Description / Notes: Dark brown topsoil with organics and some dolostone gravel, well-graded, moist, loose. * No vegetation growth in area of SS-147.			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

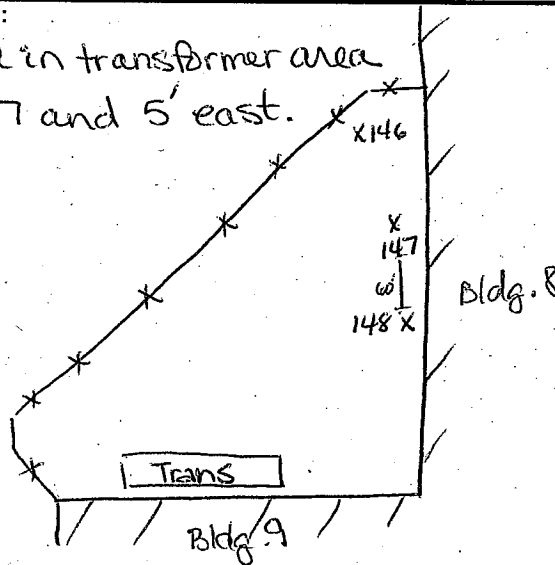
**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS0614800	<input type="checkbox"/> Hand Auger
Time/Date: 10/25/06 8:50	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft.	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft. (6")	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS	<input type="checkbox"/> _____

Location Description / Sketch:

SS-148 located in transformer area
60' South of 147 and 5' east.



Soil Description / Notes:

Dark brown topsoil - silty, sandy, little gravel/stone, organics (roots), moist, loose.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GSSS06 14960		<input type="checkbox"/> Hand Auger
Time/Date: 10/25/06 9:05		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>SS-149 located in transformer area 7' inside fence line, 40' west of SS-148</p>		
Soil Description / Notes:		
Dark brown silty, sandy topsoil, some gravel, organics, moist, loose.		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 15000		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.8 ft (0.4)		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>SS-150 located on NE corner by transformers. Directly under pole-mounted transformer.</p>			
Soil Description / Notes:			
sample {	0-0.1' Dark brown sandy silt with organics (roots), little gravel, damp.		
	0.1-0.8' Dark brown gravelly SAND (fine stone gravel mixed with sand) some organics.		
	0.8-1.5' Brown silty SAND with dolomite rock gravel-cobble native soil?		
Analyses Requested:		Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS0615100		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>SS-151 located west of transformers in Excised Area.</p>			
Soil Description / Notes:			
<p>Dark brown sandy GRAVEL, fine, with some SILT and organics, loose, moist.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 15200		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06 9:53		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.8 ft (2")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>SS-152 located in transformer area ~ 5 feet south of fenced transformer pad, just past edge of concrete.</p>			
Soil Description / Notes:			
<p>Dark brown sandy gravel, m-fine, with organics (roots), fill, loose, moist.</p>			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

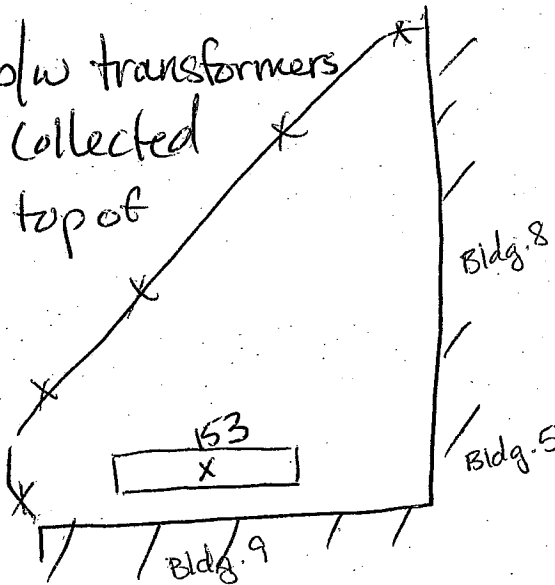
FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSSS06 15300	<input type="checkbox"/> Hand Auger
Time/Date: 10/25/06 9:58	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0 ft.	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.2 ft.	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ELS	<input type="checkbox"/> _____

Location Description / Sketch:

SS-153 located b/w transformers on concrete pad. Collected from silty sand on top of concrete.



Soil Description / Notes:

med. brown fine silty sand on top of concrete transformer slab.

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> HEAVY METALS (EPA Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GSSS06 15400		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06 10:22		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 ft. (6")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
<p>SS-154 collected from transformer area, near powerhouse bldg. Sample ~ 10' west of bldg.</p>			
Soil Description / Notes:			
Dark brown m-f GRAVEL, some sand, organics (roots), moist, loose.			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GTSS06 GSSS15500		<input type="checkbox"/> Hand Auger	
Time/Date: 10/25/06 1454		<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft.		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 ft (6")		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch:			
Soil Description / Notes:			
Dark brown med. SAND, little fines, little GRAVEL, loose, moist.			
Analyses Requested:		Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: 675506 65550615600		<input type="checkbox"/> Hand Auger
Time/Date: 10/25/06 1505		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.2		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS		<input type="checkbox"/> _____
Location Description / Sketch:		
<p align="right">Below asphalt near SW corner of Bldg 2</p>		
Soil Description / Notes:		
<p align="center">gray gravel (stone fill) with m-coarse sand, damp, compact, tr roots</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GTSS06 G55506B1100		<input type="checkbox"/> Hand Auger
Time/Date: 10/26/06 0825		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0		<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 (6")		<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS/WDC		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>Aband. Road →</p> <p>TRANSMISSION LINE</p> <p>500'</p> <p>GUTERL LANDFILL</p> <p>RTE 93</p> <p>100 feet North of Rte 93 20 feet East of abandoned road and to west of overhead Transmission Lines</p>		
Soil Description / Notes:		
<p>Cover: grass</p> <p>dark brown gravelly sand with some silt and organic humus. moist, native material</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

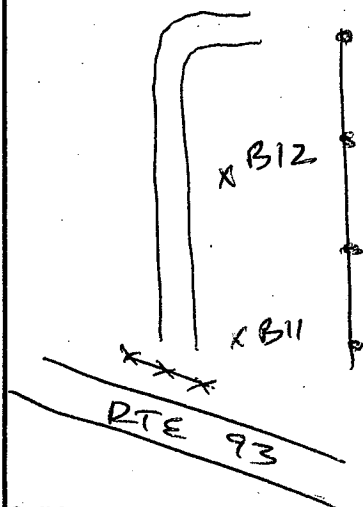
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GT5506 GSS506B1200	<input type="checkbox"/> Hand Auger
Time/Date: 10/26/06 0832	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 (6")	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): SSL/WDC	<input type="checkbox"/> _____

Location Description / Sketch:



SS-B12 is 250 feet north of B11 and 20 feet east of abandoned road in overgrown field
Also 500 feet west of Guterl Landfill

Soil Description / Notes:

cover = grass

dark brown silty sand with little gravel and some silt/clay, moist, rich humus soil; occ dolostone rock fragments

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

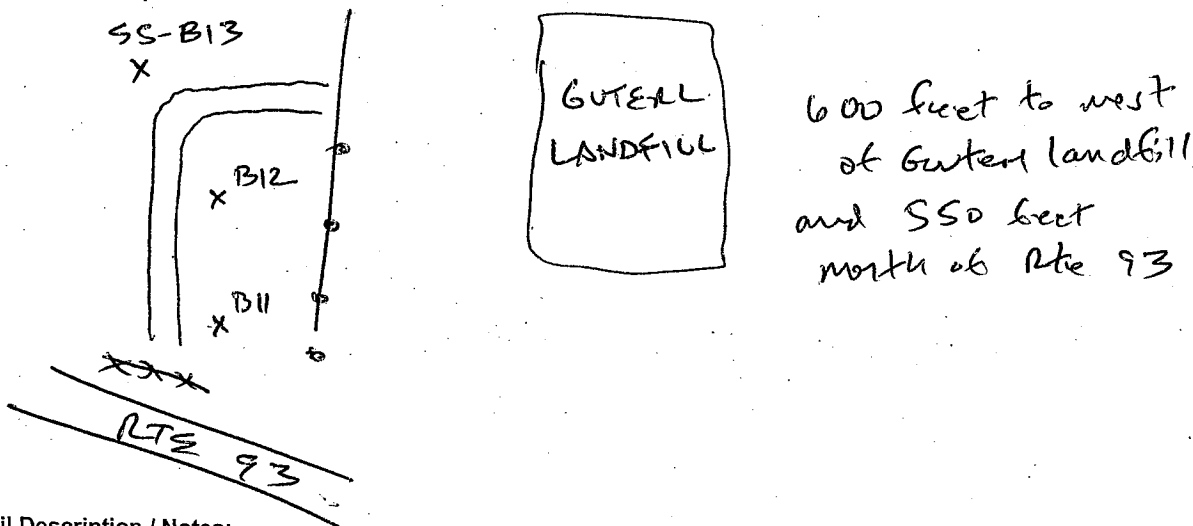
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS06 ^{GSSS06B1300}	<input type="checkbox"/> Hand Auger
Time/Date: 10/22/06 0843	<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.5 (6")	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ECS/WDC	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

cover: weeds, light grass

gray sandy gravel with some fines
gray fine-med gravel sized dolostone rock with silty sand in interstices
dense, little humus

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: GTSS06 GSSS06B1400	<input type="checkbox"/> Hand Auger	
Time/Date: 10/26/06 0851	<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0	<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 0.5 (6")	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS/WDC	<input type="checkbox"/> _____	
Location Description / Sketch:		
<p>abandoned road X X X SS-B14 X Landfill RTE 93 400 feet west of NW corner of the landfill</p>		
Soil Description / Notes:		
<p>cover : grass, weeds, flooded field</p> <p>dark brown sand silt, rich humus soil with roots, organics, 10% fine dolostone gravel, moist</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:
Field Sample ID: GTSS06 GSS06 B1500		<input type="checkbox"/> Hand Auger
Time/Date: 10/26/06 0902		<input checked="" type="checkbox"/> Shovel
Top Depth: 0.0		<input checked="" type="checkbox"/> ISS Spoon/Spatula
Bottom Depth: 0.5 (6")		<input checked="" type="checkbox"/> ISS Bowl
Sampler(s): EIS/WDC		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>Approximately 650 feet to Northwest of NW corner of Guterl Landfill and 120 feet N of abandoned road</p>		
Soil Description / Notes:		
<p>cover: grass, woodland plants</p> <p>dark brown sandy silt, rich humus soil with roots, 10% fine dolostone gravel, wet</p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

A-3

SURFACE WATER AND SEDIMENT FIELD DATA RECORDS

~~SURFACE SOIL~~ ^{water} SAMPLE FIELD DATA RECORD
Sediment
FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:		
Field Sample ID: GS300 ^{GS3W0600100 / GS5D0600100}	<input type="checkbox"/> Hand Auger		
Time/Date: 12:55 / 19:20 10/18/06	<input checked="" type="checkbox"/> Shovel		
Top Depth: 0" (~2" peat/roots)	<input checked="" type="checkbox"/> SS Spoon/Spatula		
Bottom Depth: 4"	<input checked="" type="checkbox"/> BS Bowl		
Sampler(s): RM	<input checked="" type="checkbox"/> Geopump		
Location Description / Sketch:			
Soil Description / Notes:			
<p style="text-align: center;">Standing water in low area at base of willow type tree; reed grass growth, lots of organic debris (leaves); Evidence of disposal: rusted drums; foundry bricks, cable. Sediment - SILT; SAND; and GRAVEL; some rusted metal, brick and slag fragments.</p>			
Analyses Requested:	Also Water	Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	d	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	d	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	d	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	+	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TOC			

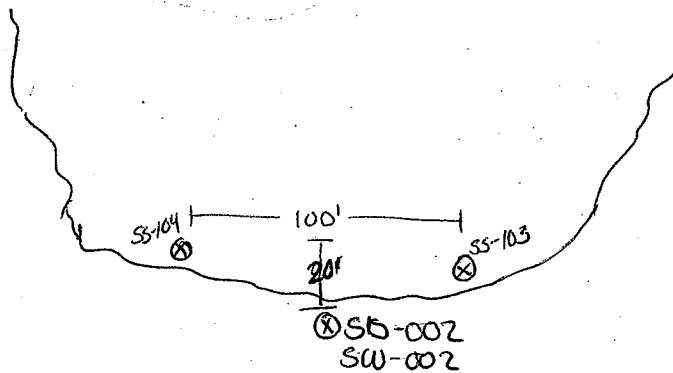
Water
SURFACE SOIL SAMPLE FIELD DATA RECORD
Sediment

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS06 ^{BSSW0600200 / BSSD0600200} _{XB/MS/HD}	<input type="checkbox"/> Hand Auger
Time/Date: 15:00 / 15:15 10/18/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> ISS Spoon/Spatula
Bottom Depth: 6"	<input type="checkbox"/> ISS Bowl
Sampler(s): RM	<input checked="" type="checkbox"/> Geopump

Location Description / Sketch:



Soil Description / Notes:

Low area; tall grasses and low shrub growth
Fill present: slag; bricks; drums.
Sediment: SILT, SAND and GRAVEL
below organic material decaying.

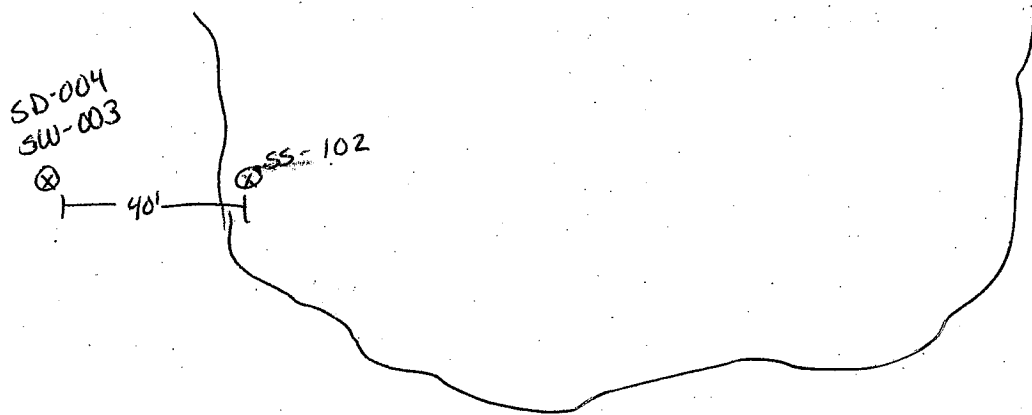
Analyses Requested:	Water	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	☑	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	☑	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	☑	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	☑	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	☑	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TOC			

Water
SURFACE SOIL SAMPLE FIELD DATA RECORD
 Sediment
FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
 LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: STSS00 GS SW0600300 GS SD0600300	<input type="checkbox"/> Hand Auger
Time/Date: 11:20 / 11:45 10/18/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 4"	<input type="checkbox"/> JSS Bowl
Sampler(s): RM/LS/ES	<input checked="" type="checkbox"/> Geopump

Location Description / Sketch:



Soil Description / Notes:

Cover: 75% tall grasses; standing water
 no evidence of fill.

0-4" organic material and fine sediment
 with dolostone

Analyses Requested:	Water	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	<input checked="" type="checkbox"/>	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	<input checked="" type="checkbox"/>	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	<input checked="" type="checkbox"/>	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	<input checked="" type="checkbox"/>	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	<input checked="" type="checkbox"/>	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TOC			

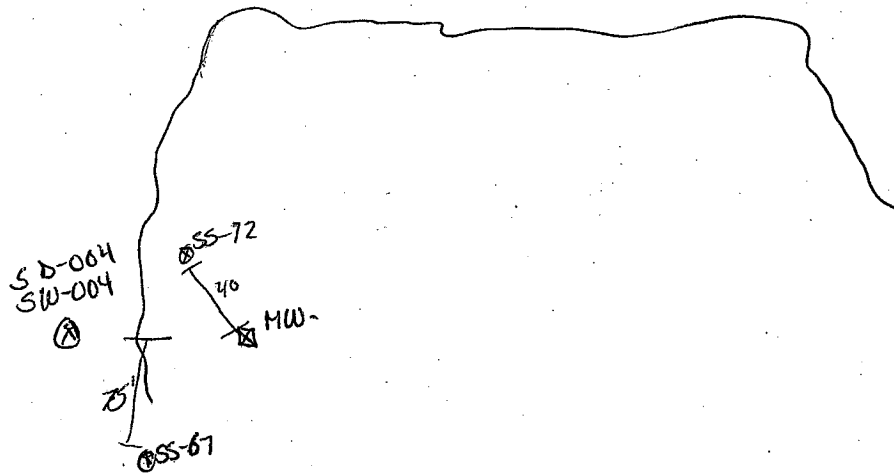
Water
~~SOIL~~ SAMPLE FIELD DATA RECORD
 Sediment

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
 LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GTSS06 ^{GS SW 06 00400 / HS / MS / XS} GS SD 0600400	<input checked="" type="checkbox"/> Hand Auger
Time/Date: 9:30 / 10:00 10/19/06	<input checked="" type="checkbox"/> Shovel
Top Depth: 0"	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: 6"	<input type="checkbox"/> JSS Bowl
Sampler(s): RM	<input checked="" type="checkbox"/> Geopump

Location Description / Sketch:



Soil Description / Notes:

Cover: 50% vegetation; tall grasses; cattails
 standing water, trace sheen on
 water surface

Sediment: dark brown SILT and m.f SAND;
 many roots organics;

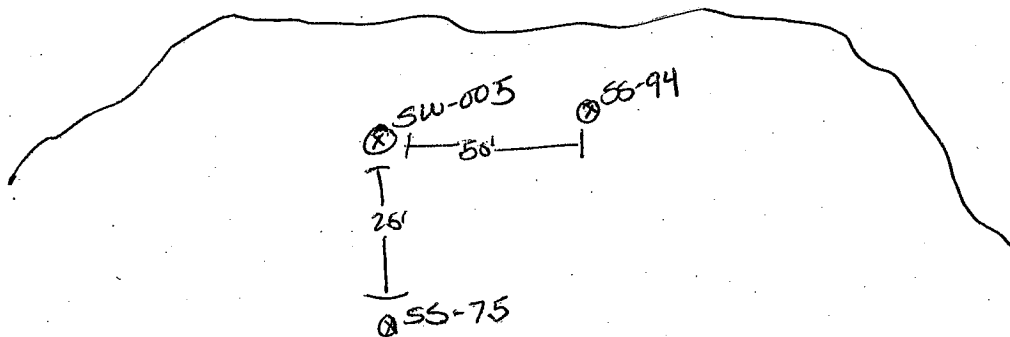
Analyses Requested:	Water	Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	✓	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	✓	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	✓	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	✓	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TOC			

SURFACE ^{Water} SOIL SAMPLE FIELD DATA RECORD
 Sediment
 FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
 LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: S-SS06 @SSW0600500	<input type="checkbox"/> Hand Auger
Time/Date: 11:00 10/19/06	<input type="checkbox"/> Shovel
Top Depth: /	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: /	<input type="checkbox"/> SS Bowl
Sampler(s): RM	<input checked="" type="checkbox"/> Geo-pump

Location Description / Sketch:



Soil Description / Notes:

cover: low grasses; standing water
 evidence of fill, large slag chunks.

Analyses Requested:	water	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL VOA (OLM04.3)	d	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TCL SVOC (OLM04.3)	d	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> TAL METALS (ILM04.1)	d	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> Pesticides/PCBs (OLM04.3)	d	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

SURFACE SOIL SAMPLE FIELD DATA RECORD
SEDIMENT
FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:	
Field Sample ID: GSSS06 GSSD06 00600	<input type="checkbox"/> Hand Auger	
Time/Date: 10/24/06 14:17	<input checked="" type="checkbox"/> Shovel	
Top Depth: 0.0 ft	<input type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: - 2.0 ft below floor	<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS	<input type="checkbox"/> _____	
Location Description / Sketch:		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Bldg. 2</p> </div> <div style="width: 50%;"> <p>SD-06 located in center of bldg. 2, 13 feet south of SS-144.</p> <p>Obtained from 1.5' square sump (concrete lined) on brick floor.</p> </div> </div>		
Soil Description / Notes:		
Dark brown sandy muck with debris similar to surface soils; wet.		
Analyses Requested:	Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

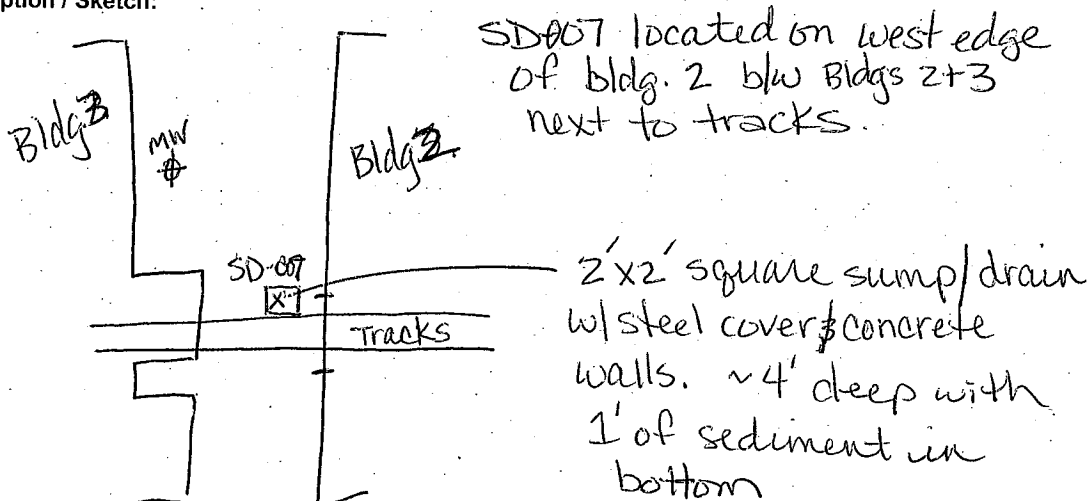
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: GSS606 GSSD0600700	<input checked="" type="checkbox"/> Hand Auger
Time/Date: 10/24/06 15:00	<input type="checkbox"/> Shovel
Top Depth: 0.0 ft	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: -4.0 ft. below ground	<input checked="" type="checkbox"/> JSS Bowl
Sampler(s): ECS	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

dark brown silty, sandy muck similar to surface soil w/ some decayed organics; wet (saturated), no odor or signs of contamination

Analyses Requested:	Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment: <u>Geopump, poly tubing</u>
Field Sample ID: <u>GSSW0600800</u> GSS006		<input type="checkbox"/> Hand Auger
Time/Date: <u>10/24/06</u>		<input type="checkbox"/> Shovel
Top Depth: <u>0.0 ft.</u>		<input type="checkbox"/> ISS Spoon/Spatula
Bottom Depth: <u>- 2.5 ft. below floor</u>		<input type="checkbox"/> ISS Bowl
Sampler(s): <u>ECS, LMS</u>		<input type="checkbox"/> _____
Location Description / Sketch:		
<p>Bldg. 3</p> <p>SW-08 located in center of bldg. 3</p> <p>large steel-covered utility trench</p> <p>2.5 ft. to water</p> <p>4.5 ft. to bottom of trench</p>		
Soil Description / Notes:		
<p>Trench is covered with steel plates</p> <p>Samples collected by dropping a tube through slots and using geopump</p>		
Analyses Requested:	Bottle(s):	Preservation:
[X] XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
[X] TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
[X] TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
[X] TAL METALS (ILM04.1) (unfiltered)	4 OZ CLEAR GLASS	ICE
[X] Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
[X] TAL METALS - filtered		

SURFACE SOIL SAMPLE FIELD DATA RECORD

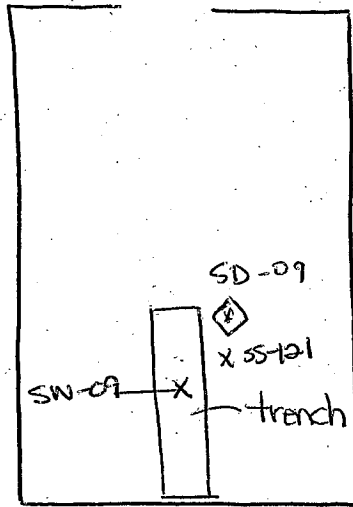
FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment: Geopump, poly tubing
Field Sample ID: GSS06 ^{GSSW0600900} GSSD0600900	<input checked="" type="checkbox"/> Hand Auger (sed sample)
Time/Date: 10/24/06 11:31	<input type="checkbox"/> Shovel
Top Depth: 0.0 ft	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth:	<input type="checkbox"/> JSS Bowl
Sampler(s): LMS	<input type="checkbox"/> _____

Location Description / Sketch:

Bldg. 3



SW-09 located in bldg. 3, south of SW-08.

Collected from surface water in trench, ~10 ft. west of SS-121 and directly east of SS-115

Top of water 4.0 below ^{floor} grade
Bottom of trench 9.0 b. grade

Soil Description / Notes:

This is foundation of a large mill. Various metal debris in trench but no appreciable sediment
SD-009 collected from an adjacent pit; brick lined 3.5 feet deep. Sed thickness 1 foot, sediment is metallic rusty debris, silt, muck etc. saturated

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF-METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1) - filtered	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS - unfiltered		

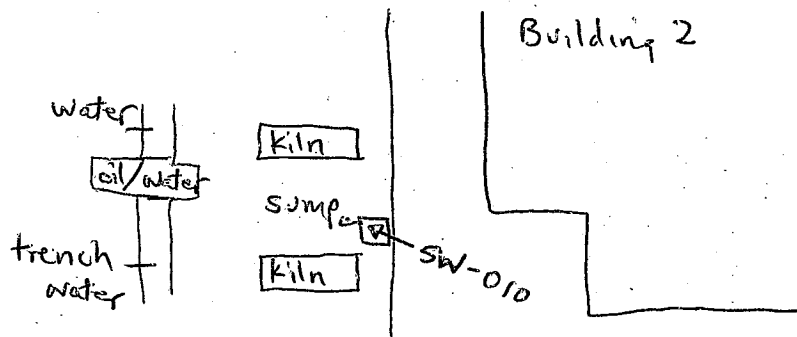
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment: <i>Geopump/Tsbing</i>
Field Sample ID: GS006 <i>GS5W0601000</i>	<input type="checkbox"/> Hand Auger
Time/Date: <i>10/25/06</i>	<input type="checkbox"/> Shovel
Top Depth: <i>0.0 ft.</i>	<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: <i>11 ft.</i>	<input type="checkbox"/> SS Bowl
Sampler(s): <i>LMS, ECS</i>	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

Concrete sump 5.5 x 5.5 ft area
 water is 3.0 ft below bldg floor
 11.0 ft deep (14.0 below floor)

Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

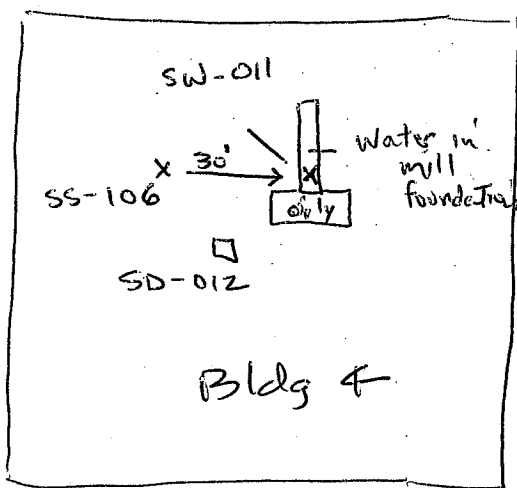
SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment: geopump/tubing
Field Sample ID: GSS008 ^{GSSWB01100}	<input type="checkbox"/> Hand Auger
Time/Date: 10/26/06 13:15	<input type="checkbox"/> Shovel
Top Depth: 0.0	<input type="checkbox"/> JSS Spoon/Spatula
Bottom Depth: collected approx 1 foot below surface	<input type="checkbox"/> JSS Bowl
Sampler(s): LMS	<input type="checkbox"/> _____

Location Description / Sketch:



Sample from foundation of large mill structure. Concrete trench extending north. Free product oil isolated from trench in adjacent compartment to the south.

Soil Description / Notes:

Accumulated rainwater in mill foundation trench

Analyses Requested:	Bottle(s):	Preservation:
[X] XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
[X] TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
[X] TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
[X] TAL METALS (ILM04.1) (unfiltered)	4 OZ CLEAR GLASS	ICE
[X] Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
[X] TAL Metals - filtered		

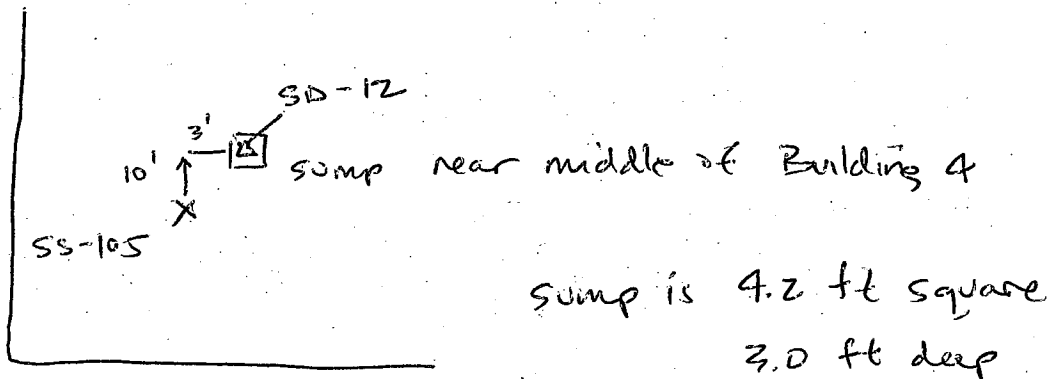
SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)	Equipment:
Field Sample ID: ^{GSSD 06 01200} GSS06	<input checked="" type="checkbox"/> Hand Auger
Time/Date: 10/25/06 1333 hrs	<input type="checkbox"/> Shovel
Top Depth: 0.0	<input checked="" type="checkbox"/> SS Spoon/Spatula
Bottom Depth: 0.2	<input checked="" type="checkbox"/> SS Bowl
Sampler(s): ELS	<input type="checkbox"/> _____

Location Description / Sketch:



Soil Description / Notes:

dark gray metallic fines with silt and sand
approximately 4 inches thick, saturated,
groundwater or rainwater is running through
one corner of the pit.

Analyses Requested:	Bottle(s):	Preservation:
<input type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

**FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK**

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment: <i>geogump/tubing</i>
Field Sample ID: GSS06 <i>GSSW0601300</i>		<input type="checkbox"/> Hand Auger
Time/Date: <i>10/25/06 1356 hrs</i>		<input type="checkbox"/> Shovel
Top Depth: <i>0.0</i>		<input type="checkbox"/> SS Spoon/Spatula
Bottom Depth: <i>3.0</i>		<input type="checkbox"/> SS Bowl
Sampler(s): <i>LMS</i>		<input type="checkbox"/> _____
Location Description / Sketch:		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> </div> <div style="width: 65%;"> <p>North middle portion Bldg & Sump adjacent to machine foundation. Sump has a steel cover with a grate 4 x 4 ft area 3.0 feet deep water surface at floor level</p> </div> </div>		
Soil Description / Notes:		
<p align="center"><i>Accumulated rain water in sump</i></p>		
Analyses Requested:	Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)	4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)	4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____		

SURFACE SOIL SAMPLE FIELD DATA RECORD

FORMER GUTERL SPECIALTY STEEL CORPORATION SITE
LOCKPORT, NEW YORK

NYSDEC CLASS 2 HAZARDOUS WASTE SITE No. 9-32-032

Project: 2006 RI/FS (MACTEC)		Equipment:	
Field Sample ID: GTSS06 GSSD0601400		<input checked="" type="checkbox"/> Hand Auger	
Time/Date: 10/25/06 14:11		<input type="checkbox"/> Shovel	
Top Depth: 0.0 ft		<input checked="" type="checkbox"/> SS Spoon/Spatula	
Bottom Depth: 3.0 ft below floor		<input checked="" type="checkbox"/> SS Bowl	
Sampler(s): ECS		<input type="checkbox"/> _____	
Location Description / Sketch: SD-014 collected from a 4' x 4' pit in bldg. 4. 25 feet from south wall and 40 feet west of SS-III and a few feet North. Sump was ~ 3 feet deep			
Soil Description / Notes: accumulated metallic debris, rust, etc.			
Analyses Requested:		Bottle(s):	Preservation:
<input checked="" type="checkbox"/> XRF METALS (Field Analysis)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL VOA (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TCL SVOC (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> TAL METALS (ILM04.1)		4 OZ CLEAR GLASS	ICE
<input checked="" type="checkbox"/> Pesticides/PCBs (OLM04.3)		4 OZ CLEAR GLASS	ICE
<input type="checkbox"/> _____			

A-4

GROUNDWATER FIELD DATA RECORDS

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-1 FIELD SAMPLE ID: GSMW006mw1 EVENT NO.: 1
 ACTIVITY: START 14:40 END 15:35 SAMPLE TIME: 15:20 DATE: 11-15-06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 5.37 feet
 FINAL DEPTH TO WATER: 5.78 feet
 SCREEN LENGTH: _____ feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING _____
 LOCKED _____
 COLLAR _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 0.0 ppmv
DISCHARGE SETTING: _____

PURGE DATA										
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
14:43	5.70	250	12.5	1.95	7.2	3.0	4	41	14.5	
14:48	5.76	200	12.5	1.97	7.2	1.3	2	23		
14:53	5.73	200	12.5	1.97	7.2	0.8	1	11		
14:58	5.71	200	12.5	1.98	7.2	0.6	1	0		
15:03	5.72	200	12.5	1.99	7.2	0.4	1	-16		
15:08	5.71	200	12.5	2.01	7.2	0.2	1	-24		
15:13	5.72	200	12.5	2.01	7.2	0.2	1	-30		
15:18	5.71	200	12.5	2.01	7.2	0.1	1	-36		
15:20	sample									
15:36	NYSDEC split sample									

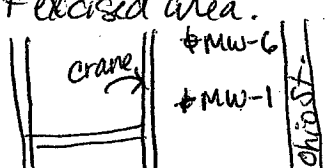
EQUIPMENT DOCUMENTATION
TYPE OF PUMP
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER peristaltic - Geopump

TYPE OF TUBING
 HIGH DENSITY POLYETHYLENE
 OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	12 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES PCBs	OLMO4.2	4 DEG. C	12 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED YES NO clear

NOTES:
 SIGNATURE: Laura Smith
 CHECKED BY: _____

LOCATION NOTES
 MW-1 near wood fence on east side of excised area.

 MW-8

DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

GUTERL STEEL - LOCKPORT, NY

JOB NUMBER 3612062057

N ID MW-2

FIELD SAMPLE ID GSMW06MW2

EVENT NO. 1

START 10:05 END

SAMPLE TIME

DATE 11-15-06

R LEVEL / PUMP SETTINGS

MEASUREMENT POINT

WELL DEPTH TO WATER 8.22 feet

TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND) _____ feet

CASING / WELL DIFFERENCE _____ feet

SCREEN DEPTH TO WATER 8.22 feet

HISTORICAL WELL DEPTH (TOR) 14.5 feet

PID AMBIENT AIR 0.0 ppmv

WELL DIAMETER 2 inches

SCREEN LENGTH 8 feet

PRESSURE TO PUMP _____ psi

PID WELL MOUTH 15 ppmv

WELL INTERGRITY: INTEGRITY: YES NO N/A

TOTAL VOL. PURGED _____ gallons

REFILL SETTING _____

DISCHARGE SETTING _____

CAP YES
CASING YES
LOCKED YES
COLLAR _____

(purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
10:12	8.27	250	12.6	0.731	7.4	5.6	1	-50	10.5	
10:17	8.29	250	12.8	0.745	7.5	2.1	1	-113		
10:22	8.29	250	12.8	0.710	7.5	1.0	1	-140		
10:27	8.29	250	12.9	0.695	7.5	0.7	1	-155		
10:32	8.29	250	12.9	0.682	7.6	0.4	1	-170		
10:37	8.30	250	12.9	0.675	7.6	0.4	1	-175		
10:42	8.30	250	12.9	0.673	7.6	0.3	1	-180		
10:47	8.30	250	12.9	0.667	7.6	0.2	1	-185		
10:50	sample									
11:09	NYSDEC split sample (1-gal)									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER

OTHER peristaltic-Geopump

TYPE OF TUBING

HIGH DENSITY POLYETHYLENE
 OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	12 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES / PCBs	OLMO4.13	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	____/____/____

FIELD OBSERVATIONS

WATER CLARIFIED YES clear; odor

LOCATION NOTES

MW-2 by fence in SE corner of excised area.

PREPARED BY: Laura Smith

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-3 FIELD SAMPLE ID: GSMW06A03 EVENT NO.: 1
 ACTIVITY: START 15:50 END 17:00 SAMPLE TIME: 1645 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 4.26 feet
 FINAL DEPTH TO WATER: 4.31 feet
 SCREEN LENGTH: _____ feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 HISTORICAL WELL DEPTH (TOR): unknown feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 0.0 ppmv
DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 CASING LOCKED: _____
 COLLAR: _____

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1600*	4.31	350	-	-	-	-	60.9	-	12'	yellowish flow
1615	4.31	300	12.16	0.779	7.08	2.46	28.2	-103	"	
1620	4.33	300	12.22	0.782	7.04	0.33	28.3	-114	"	clearing
1625	4.32	300	12.16	0.785	7.05	0.14	28.6	-115	"	
1630	4.31	300	12.21	0.788	7.05	0.00	21.1	-115	"	
1635	4.31	300	12.12	0.788	7.06	0.00	15.1	-116	"	
1640	4.31	300	12.19	0.788	7.05	0.00	17.1	-115	"	
1645	Collection Sample									

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER Peristaltic Pump
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCB</u>	-	<u>4 DEG C</u>	<u>1 x 1 L AG</u>	<input checked="" type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED: YES NO
No odor, initially yellow, cleared

LOCATION NOTES

NOTES: * MORTAR MIXING BROWN, USING ALTERNATE MORTAR, CONTINUING TO PURGE 06437

SIGNATURE: [Signature]
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-4 FIELD SAMPLE ID: GSMW06MW4 EVENT NO.: 1
 ACTIVITY: START 1515 END 1640 SAMPLE TIME: 1610 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.17 feet
 FINAL DEPTH TO WATER: _____ feet
 SCREEN LENGTH: _____ feet
 TOTAL VOL. PURGED: 6.24 gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): _____ feet
 PRESSURE TO PUMP: - psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
 PID AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 0.0 ppmv
 DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet
 WELL DIAMETER: _____ inches
 WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING _____
 LOCKED _____
 COLLAR _____

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1520	4.63	400	12.43	0.276	7.80	0.25	4.58	183	15'	BLACK SPECS IN GW
1525	4.74	400	12.47	0.268	7.78	0.00	4.78	178	"	BLACK PARTICLES
1530	4.75	300	12.75	0.266	7.77	0.00	2.61	176	"	IN GW
1535	4.81	300	12.69	0.265	7.76	0.00	1.91	173	"	
1540	4.75	300	12.75	0.264	7.76	0.00	2.28	170	"	LESS BLACK PARTICLES
1545	4.68	300	12.79	0.264	7.76	0.00	1.80	165	"	
1550	4.68	300	12.77	0.263	7.76	0.00	1.95	163	"	EVEN LESS BLACK
1555	4.67	300	12.76	0.267	7.73	0.00	1.66	161	"	1/10 of original amount
1600	4.71	300	12.76	0.268	7.73	0.00	0.95	160	"	
1610	COLLECTED SAMPLE w/ DWP + MS + MSD									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER: Peristaltic

TYPE OF TUBING:
 HIGH DENSITY POLYETHYLENE
 OTHER: _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER: <u>PCBs</u>	_____	<u>4 Deg C</u>	<u>1 x 1 L P</u>	<input checked="" type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS no odor, black specs initially cleared up as purging continued

PURGE WATER CONTAINERIZED YES NO

LOCATION NOTES

NOTES: DWP, MS + MSD collected HORIBA O5B99
Rad 03054

SIGNATURE: [Signature]
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-25 FIELD SAMPLE ID: GSMW06 MW5 EVENT NO.: 1
 ACTIVITY: START 0815 END: _____ SAMPLE TIME: 08:50 DATE: 11-15-06

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT: TOP OF WELL RISER TOP OF PROTECTIVE CASING

INITIAL DEPTH TO WATER: 4.66 feet PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet CASING / WELL DIFFERENCE: _____ feet

FINAL DEPTH TO WATER: 4.76 feet HISTORICAL WELL DEPTH (TOR): _____ feet PID AMBIENT AIR: 0.0 ppmv WELL DIAMETER: 2 inches

SCREEN LENGTH: 5? feet PRESSURE TO PUMP: _____ psi PID WELL MOUTH: 0.0 ppmv WELL INTERGRITY: INTEGRITY: YES NO N/A

TOTAL VOL. PURGED: _____ gallons REFILL SETTING: _____ DISCHARGE SETTING: _____ CAP: _____ LOCKED: _____ COLLAR: _____

(purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
8:23	4.66	250	11.2	0.700	7.1	6.8	-	6	15	
8:32	4.72	250	11.2	0.699	7.2	1.7	9	-90		
8:37	4.73	250	11.2	0.699	7.2	1.0	9	-105		
8:42	4.74	250	11.2	0.699	7.2	0.6	5	-115		
8:47	4.75	250	11.2	0.699	7.2	0.3	3	-120		
8:50	sample 200									
9:07	MYSPEC split sample									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER peristaltic Geopump NON-DEDICATED MARSCHALK BLADDER

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> PESTICIDES / PCBs	OLMO4.2	4 DEG. C	1 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS (degraded fuel odor)
 PURGE WATER CONTAINERIZED YES NO rust particles, then clear

NOTES: 1.8 ppm headspace in sample jug during sampling.

SIGNATURE: Laura Smith
 CHECKED BY: _____

LOCATION NOTES
 MW-5 located in alley between bldgs 2+3.

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-06 FIELD SAMPLE ID: GSMW06006 EVENT NO.: 1
 ACTIVITY: START 1515 END _____ SAMPLE TIME: 1630 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 5.38' feet
 FINAL DEPTH TO WATER: _____ feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT

TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): _____ feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): 3.1 feet
CASING / WELL DIFFERENCE: 3.1 feet
WELL DIAMETER: 2" inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 CASING LOCKED: _____
 COLLAR: _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 0.0 ppmv
DISCHARGE SETTING: 250 ml/m

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1540	5.50	250 +/-	11.0	0.613	7.12	0.0	1.70	27	14'	BTDIC
1545	5.51	250 +/-	11.05	0.612	7.22	0.0	0.37	21	14'	BTDIC
1550	5.50	250 +/-	11.02	0.615	7.24	0.0	0.33	21	14'	BTDIC
1555	5.50	250 +/-	11.02	0.614	7.26	0.0	0.43	21	14'	BTDIC
1600	5.50	250 +/-	11.01	0.616	7.26	0.0	0.31	21	14'	BTDIC
1605	5.49	250 +/-	10.98	0.617	7.25	0.0	0.39	22	14'	BTDIC
1610	5.49	250 +/-	11.04	0.616	7.25	0.0	0.28	22	14'	BTDIC
1615	5.49	250 +/-	11.05	0.614	7.26	0.0	0.45	23	14'	BTDIC
1620	5.49	250 +/-	11.06	0.615	7.26	0.0	0.38	23	14'	BTDIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER PERISTALTIC GEOPUMP 2

TYPE OF TUBING:
 HIGH DENSITY POLYETHYLENE
 OTHER _____

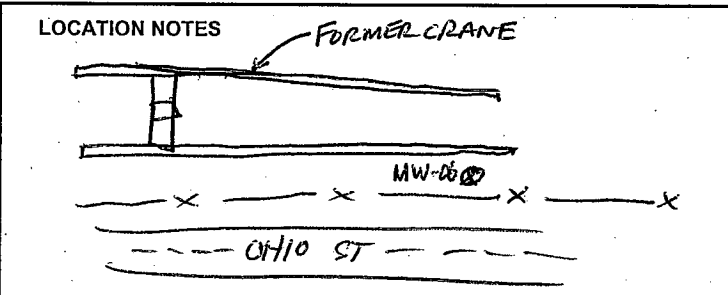
ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS <u>TAL</u>	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>				<input type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS CLEAR, NO ODOR

PURGE WATER CONTAINERIZED: YES NO

NOTES: HACH TURBIDITY METER # 05195
HORIBA W22 # 07081
 SIGNATURE: [Signature]
 CHECKED BY: _____



FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-07 FIELD SAMPLE ID: GS MW0607 EVENT NO.: 1
 ACTIVITY: START 1030 END _____ SAMPLE TIME: 11:15 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 6.04 feet
 FINAL DEPTH TO WATER: 6.26 feet
 SCREEN LENGTH: 10' feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 HISTORICAL WELL DEPTH (TOR): 16.73 feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 LOCKED _____
 COLLAR _____

PID * AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 0.0 ppmv
 DISCHARGE SETTING: _____

PURGE DATA			SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)			
1035	6.29	400	13.03	0.342	7.20	1.23	42.4	+58	12'	BROWNISH REN		
1040	6.26	250	13.06	0.343	7.21	1.48	43.1	-59	"			
1045	6.28	300	13.08	0.343	7.21	0.97	12.1	-63	"	Rust colored Floc		
1050	6.28	300	13.09	0.342	7.21	0.27	19.1	-68	"			
1055	6.28	300	13.10	0.342	7.21	0.14	18.8	-70	"	clearer GW		
1100	6.26	300	13.11	0.342	7.21	0.29	6.87	-71	"			
1105	6.26	300	13.10	0.342	7.21	0.32	6.89	-71	"			
1110	6.26	300	13.13	0.339	7.21	0.31	7.21	-70	"			
1115	COLLECTED SAMPLE											

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER Peristaltic
 NON-DEDICATED MARSCHALK BLADDER

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILMO4.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCB</u>	_____	<u>4 Deg. C</u>	<u>1 x 1 L P</u>	<input checked="" type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED YES NO

LOCATION NOTES

NOTES: *batter running low on P10
 Horiba 05899
 Macd 03054

SIGNATURE: Dawn King
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-8 FIELD SAMPLE ID: GSMW06008 EVENT NO.: 1
 ACTIVITY: START 13:00 END _____ SAMPLE TIME _____ DATE: 11-15-06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 8.11 feet
 FINAL DEPTH TO WATER: _____ feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet

CASING / WELL DIFFERENCE: _____ feet

WELL DIAMETER: 2 inches

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 CASING LOCKED: _____
 COLLAR: _____

HISTORICAL WELL DEPTH (TOR): _____ feet
PRESSURE TO PUMP: _____ psi
REFILL SETTING: _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 3.7 ppmv
DISCHARGE SETTING: _____

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
13:06	8.43	200	13.0	1.78	7.2	3.6	0	-100	12.5	
13:12	8.41	200	13.0	1.78	7.2	1.6	0	-115		
13:17	8.42	200	13.0	1.77	7.2	0.9	0	-118		
13:22	8.43	200	13.0	1.76	7.2	0.8	0	-121		
13:26	8.44	200	13.0	1.76	7.2	0.5	0	-122		
13:31	8.43	200	13.0	1.76	7.2	0.4	0	-123		
13:36	8.45	200	13.0	1.76	7.2	0.2	0	-125		
13:40	Sample									
13:58	NYSDEC split sample (1 gal)									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER: peristaltic - Geopump

TYPE OF TUBING
 HIGH DENSITY POLYETHYLENE
 OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	12 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES PCBs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO clear

NOTES:
 SIGNATURE: Laura Smith
 CHECKED BY: _____

LOCATION NOTES

mw-8 by wood fence on east edge of excised area.

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-09 FIELD SAMPLE ID: GSMW06009/MO/MS/XD EVENT NO.: 1
 ACTIVITY: START 1300 END 1500 SAMPLE TIME: 1415/1420/1425/1430 (see buffer) DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 8.52 feet
 FINAL DEPTH TO WATER: _____ feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: 4 +/- gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT

TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): _____ feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): 3 feet
CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2" inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING LOCKED _____
 COLLAR _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 62.9 ppmv
DISCHARGE SETTING: 250 +/- ml/m

PURGE DATA		SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
1315	8.56	200 +/-	11.81	0.741	8.17	0.70	54.5	-74	14.5'	BTDIC	
1320	8.52	200 +/-	11.68	0.726	8.36	0.00	40.3	-93	14.5'	BTDIC	
1325	8.52	250 +/-	11.55	0.608	8.70	0.0	16.9	-144	14.5'	BTDIC	
1330	8.53	250 +/-	11.53	0.601	8.80	0.0	11.6	-154	14.5'	BTDIC	
1335	8.52	250 +/-	11.55	0.584	8.83	0.0	7.53	-163	14.5'	BTDIC	
1340	8.52	250 +/-	11.59	0.580	8.86	0.0	8.09	-167	14.5'	BTDIC	
1345	8.52	250 +/-	11.58	0.573	8.87	0.0	5.28	-171	14.5'	BTDIC	
1350	8.52	250 +/-	11.62	0.568	8.88	0.0	3.36	-175	14.5'	BTDIC	
1355	8.52	250 +/-	11.60	0.563	8.89	0.0	2.34	-178	14.5'	BTDIC	
1400	8.52	250 +/-	11.60	0.561	8.90	0.0	1.97	-180	14.5'	BTDIC	
1405	8.52	250 +/-	11.59	0.559	8.90	0.0	1.31	-183	14.5'	BTDIC	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC GEOPUMP 2
 NON-DEDICATED MARSCHALK BLADDER

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS <u>TAL</u>	ILMO4.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS PETROLEUM-TYPE ODOR NOTED

PURGE WATER CONTAINERIZED: YES NO (APPROX. 4 GALLONS)

NOTES: SULFUR-TYPE ODOR DURING SAMPLING
HACH TURB. METER # 05195
HORIBA W22 # 07081

SIGNATURE: [Signature]
 CHECKED BY: _____

LOCATION NOTES

GSMW06009 - Collected @ 1415
 GSMW06009MD - Collected @ 1420
 GSMW06009MS - Collected @ 1425
 GSMW06009XD - Collected @ 1430

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-10 FIELD SAMPLE ID: GSMW0610 EVENT NO.: 1
 ACTIVITY: START 1240 END _____ SAMPLE TIME: 1340 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: Not measured feet
 FINAL DEPTH TO WATER: 6.98 feet
 SCREEN LENGTH: 100 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING LOCKED _____
 COLLAR _____

HISTORICAL WELL DEPTH (TOR): 16.11 feet
PID AMBIENT AIR: Not measured ppmv
PID WELL MOUTH: Not measured ppmv
DISCHARGE SETTING: _____

PURGE DATA		SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
1300	6.95	300	11.56	0.377	7.04	0.00	83.3	-24	12'	Rust color in flow	
1305	7.01	300	11.57	0.376	7.04	0.98	101	-35	"		
1310	7.02	300	11.63	0.378	7.04	0.64	19.1	-24	"		
1315	7.02	300	11.65	0.380	7.04	0.12	8.00	-22	1'		
1320	7.01	300	11.65	0.380	7.03	0.00	3.18	-29	4'	cleared up	
1325	7.03	300	11.64	0.379	7.03	0.00	3.22	-29	"		
1330	7.03	300	11.62	0.379	7.03	0.00	3.23	-30	"		
1335	7.03	300	11.65	0.379	7.04	0.00	3.21	-30	4'		
1340	COLLECTED GW SAMPLE										

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER Peristaltic
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILMO4.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBs</u>	-	<u>40g C</u>	<u>1x1LP</u>	<input checked="" type="checkbox"/>	____/____/____

PURGE OBSERVATIONS No color, no odor
 PURGE WATER CONTAINERIZED YES NO

LOCATION NOTES

NOTES: * P10 battery low
Horiba 05891
Naach 03054
 SIGNATURE: Dana K...
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY. JOB NUMBER: 3612062057
 LOCATION ID: MW-11 FIELD SAMPLE ID: GSMW06011 EVENT NO.: 1
 ACTIVITY: START 1000 END 1100 SAMPLE TIME: 1100 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 8.87' feet
 FINAL DEPTH TO WATER: 8.92' feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 HISTORICAL WELL DEPTH (TOR): _____ feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
 CASING / WELL DIFFERENCE: _____ feet
 WELL DIAMETER: 2" inches
 WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP:
 CASING LOCKED:
 COLLAR:

PID AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 16.9 ppmv
 DISCHARGE SETTING: _____

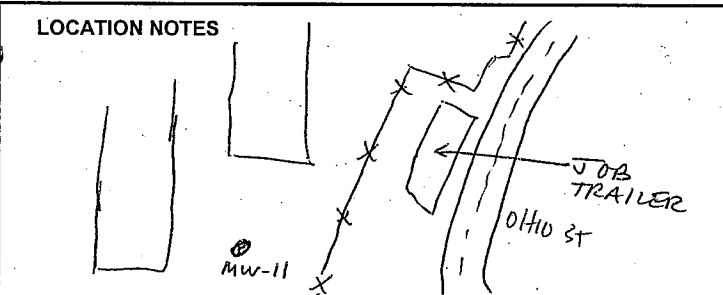
PURGE DATA		SPECIFIC								PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)			
1017	9.18	250 +/-	11.59	0.446	8.21	0.00	39.9	-91	13' BTIC			
1022	9.21	200 +/-	11.66	0.487	8.27	0.00	12.3	-98	13' BTIC			
1027	9.16	200 +/-	11.66	0.456	8.29	0.00	3.42	-101	13' BTIC			
1032	9.15	200 +/-	11.65	0.489	8.30	0.0	2.70	-106	13' BTIC			
1037	9.15'	200 +/-	12.10	0.672	8.40	0.0	5.83	-111	13' BTIC			
1042	9.14'	200 +/-	11.70	0.475	8.31	0.0	2.37	-109	13' BTIC			
1047	9.19'	200 +/-	11.73	0.452	8.30	0.0	5.93	-109	13' BTIC			
1052	9.18'	200 +/-	11.70	0.481	8.32	0.0	1.30	-109	13' BTIC			
1057	9.16'	200 +/-	11.74	0.486	8.32	0.0	1.27	-111	13' BTIC			

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC GED Pump 2
 NON-DEDICATED MARSCHALK BLADDER
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS <u>TAL</u>	ILM04.2	HNO3 to pH <2	1 X 500 ML P.	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS PETROL ODOR NOTED ON INITIAL WATER
 PURGE WATER CONTAINERIZED: YES NO SMALL AMOUNT OF Fe FLOCCULATION INITIALLY

NOTES: HACH TURBIDITY METER # 05195
HORIBA U22 METER # 07081
 SIGNATURE: Edu Defail
 CHECKED BY: _____



FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-12 FIELD SAMPLE ID: GSMW06012 EVENT NO.: 1
 ACTIVITY: START 830 END 0930 SAMPLE TIME: 0930 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 5.44' feet
 FINAL DEPTH TO WATER: 5.47' feet
 SCREEN LENGTH: 10' feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 HISTORICAL WELL DEPTH (TOR): _____ feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
CASING / WELL DIFFERENCE: 0.4' feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING _____
 LOCKED _____
 COLLAR _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 0.0 ppmv
DISCHARGE SETTING: _____

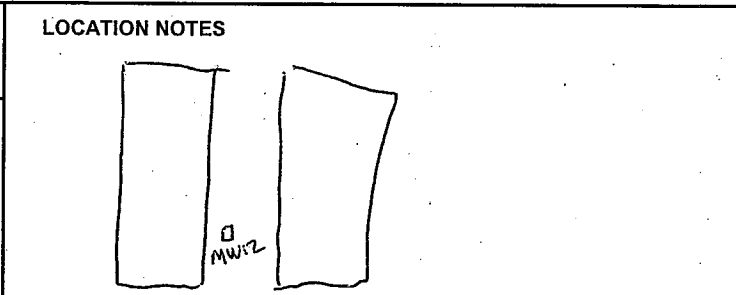
PURGE DATA		SPECIFIC								PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)			
0835	5.55'	225 $\frac{1}{2}$	10.72	0.357	8.54	0.00	27.6	-96	15' BTDIC			
0845	5.55'	200 $\frac{1}{2}$	10.79	0.355	8.52	0.00	20.7	-100	15' BTDIC			
0850	5.54'	200 $\frac{1}{2}$	10.80	0.356	8.55	0.00	16.5	-106	15' BTDIC			
0855	5.54'	200 $\frac{1}{2}$	10.82	0.356	8.55	0.00	19.2	-110	15' BTDIC			
0900	5.54'	200 $\frac{1}{2}$	10.82	0.357	8.55	0.00	13.3	-115	15' BTDIC			
0905	5.57'	200 $\frac{1}{2}$	10.84	0.356	8.56	0.00	6.40	-116	15' BTDIC			
0915	5.56'	200 $\frac{1}{2}$	10.83	0.353	8.54	0.00	9.18	-118	15' BTDIC			

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC GEPUMP 2
 NON-DEDICATED MARSCHALK BLADDER
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____
<input checked="" type="checkbox"/> METALS <u>TAL</u>	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBs</u>				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS *HIGH SUSPENDED IRON CONTENT
 PURGE WATER CONTAINERIZED YES NO
 NOTES: HORIBA u22 #07081
HACH TURB. METER #05195
 SIGNATURE: [Signature]
 CHECKED BY: _____



FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-13D FIELD SAMPLE ID: _____ EVENT NO.: 1
 ACTIVITY: START 9:00 END _____ SAMPLE TIME: 0945 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 4.35 feet
 FINAL DEPTH TO WATER: 4.70 feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
WELL DIAMETER: 2 inches

HISTORICAL WELL DEPTH (TOR): _____ feet
PRESSURE TO PUMP: _____ psi
REFILL SETTING: _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 0.0 ppmv
DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING LOCKED _____
 COLLAR _____

PURGE DATA		SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
0915	4.50'	250 ml/m	9.24	1.03	6.97	2.44	0.57	115	14'		
0920	4.60'	200 ml/m	10.17	1.04	7.13	0.00	0.45	101	14'		
0925	4.65'	225 ml/m	10.43	1.05	7.19	0.00	0.43	92	14'		
0930	4.65'	225 ml/m	10.5	1.05	7.21	0.00	0.53	85	14'		

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC GEAR PUMP
 NON-DEDICATED MARSCHALK BLADDER

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>				<input type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED: YES NO
Low Turb, No Odors

LOCATION NOTES

NOTES: HACH TURBIDITY METER 05195

SIGNATURE: [Signature]
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY
 LOCATION ID: MW-13S
 ACTIVITY: START 0815 END
 FIELD SAMPLE ID: GSMWS13
 JOB NUMBER: 3612062057
 EVENT NO.: 1
 SAMPLE TIME: 10:00
 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 3.90' feet
 FINAL DEPTH TO WATER: 6.74' feet
 SCREEN LENGTH: 2.6' feet
 TOTAL VOL. PURGED: _____ gallons
(purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet

CASING / WELL DIFFERENCE: _____ feet

HISTORICAL WELL DEPTH (TOR): _____ feet

PID AMBIENT AIR: 0.0 ppmv

WELL DIAMETER: 2 inches

PRESSURE TO PUMP: _____ psi

PID WELL MOUTH: 0.0 ppmv

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP:
 CASING LOCKED:
 COLLAR: NA

PURGE DATA										
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
0835	3.90'	200 ml/m	8.97	1.70	7.30	5.55	4.03	105	7'	
0844	5.20'	150 ml/m	8.70	1.70	7.32	6.62	2.13	93	7'	
0900	6.9'	175 ml/m	8.68	1.71	7.29	6.73	1.78	88	7'	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER PERISTALTIC GED PUMP

TYPE OF TUBING:
 HIGH DENSITY POLYETHYLENE
 OTHER

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	/ / /
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	/ / /
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	/ / /
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	/ / /
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	/ / /
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	/ / /
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	/ / /
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	/ / /
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	/ / /
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	/ / /
<input checked="" type="checkbox"/> OTHER PCBs				<input type="checkbox"/>	/ / /

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED YES NO *(NO)*
*PURGED DRY AT SLOWEST PUMP SETTING IN 2 MIN. * YELLOW TINGE TO WATER*

NOTES: *ALLOW WELL TO RECHARGE PRIOR TO SAMPLING*
HACH TURBIDITY METER

SIGNATURE: *[Signature]*
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-14 FIELD SAMPLE ID: GSMW06014 EVENT NO.: 1
 ACTIVITY: START 1100 END _____ SAMPLE TIME: 1145 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.40 feet
 FINAL DEPTH TO WATER: 4.45 feet
 SCREEN LENGTH: 10' feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): _____ feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
 CASING / WELL DIFFERENCE: _____ feet
 WELL DIAMETER: 2 inches
 PID AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 0.0 ppmv
 DISCHARGE SETTING: _____

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 CASING: _____
 LOCKED: _____
 COLLAR: _____

PURGE DATA		SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
1107	4.45'	200 ml/m	11.10	2.74	7.81	1.56	10.1	-25	15'	BTDIC	
1112	4.55'	200	11.15	2.28	7.86	1.58	3.9	-5	15'	BTDIC	
1117	4.58'	200	11.31	2.18	7.88	0.49	4.03	-24	15'	BTDIC	
1122	4.59'	200	11.23	2.17	7.95	0.39	1.85	-24	15'	BTDIC	
1127	4.6'	200	11.15	2.09	7.94	0.10	1.12	-30	15'	BTDIC	
1132	4.58'	200	11.17	2.04	7.99	0.00	0.83	-41	15'	BTDIC	
1137	4.57'	200	11.11	2.00	8.04	0.00	0.78	-48	15'	BTDIC	
1142	4.57'	200	11.20	1.97	8.12	0.00	0.20	-62	15'	BTDIC	
1145	4.57'	200	11.22	1.95	8.16	0.00	1.53	-69	15'	BTDIC	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER PERISTALTIC GEOPUMP 2

TYPE OF TUBING:
 HIGH DENSITY POLYETHYLENE
 OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>				<input type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS NO ODOR, LOW TURBIDITY

PURGE WATER CONTAINERIZED YES NO

NOTES: HACH TURB. METER 05195
HORIBA U22 07081

SIGNATURE: [Signature]
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-15 FIELD SAMPLE ID: GSMW0615 EVENT NO.: 1
 ACTIVITY: START 1500 END 16:30 SAMPLE TIME: 16:00 DATE: 11/13/06

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
 TOP OF WELL RISER PVC
 TOP OF PROTECTIVE CASING

INITIAL DEPTH TO WATER: 7.86 feet
 FINAL DEPTH TO WATER: 8.04 feet
 SCREEN LENGTH: 10' feet
 TOTAL VOL. PURGED: 7.02 gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

PROTECTIVE CASING STICKUP (FROM GROUND): ~3.5' feet
 PID AMBIENT AIR: 0.00 ppmv
 PID WELL MOUTH: Not Measured ppmv
 DISCHARGE SETTING:

CASING / WELL DIFFERENCE: feet
 WELL DIAMETER: 2 inches
 WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP
 CASING
 LOCKED
 COLLAR

PURGE DATA			SPECIFIC						PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
1519	8.11	400	13.31	1.53	9.23	4.20	9.48	-83	9.48	15' Depth from PVC	
1526	8.09	300	13.05	1.51	9.62	0.56	7.56	-137	15'		
1531	8.09	300	12.77	1.48	9.66	3.45	5.69	-145	"		
1536	8.01	300	12.60	1.49	9.71	1.20	5.59	-160	"		
1541	8.08	300	12.58	1.49	9.72	0.44	4.88	-169	"		
1546	8.04	300	12.58	1.49	9.72	0.21	3.51	-175	"		
1551	8.06	300	12.63	1.49	9.72	0.02	3.57	-185	"		
1556	8.06	300	12.64	1.49	9.72	0.00	3.47	-190	"		
1600	COLLECTING SAMPLE										
1630	- completed sample collection										

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER Peristaltic Geopump
 NON-DEDICATED MARSCHALK BLADDER

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	___/___/___
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	___/___/___
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	___/___/___
<input checked="" type="checkbox"/> METALS	ILMO4.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	___/___/___
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input checked="" type="checkbox"/> OTHER <u>PCB</u>			<u>1 X 1 L AG</u>	<input checked="" type="checkbox"/>	___/___/___

PURGE OBSERVATIONS Clear, no color, no odor
 PURGE WATER CONTAINERIZED YES NO

NOTES: HORIBA 05899
TURB METER 03054
 SIGNATURE: [Signature]
 CHECKED BY:

LOCATION NOTES
PID Reading of Ambient Air = 0.00ppmv

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-16 FIELD SAMPLE ID: GSMW16 EVENT NO.: 1
 ACTIVITY: START 15:00 END _____ SAMPLE TIME: 1646 DATE: 11/13/06

WATER LEVEL / PUMP SETTINGS: INITIAL DEPTH TO WATER: 5.71' feet
 FINAL DEPTH TO WATER: 5.71' feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: 3.75 gallons
 MEASUREMENT POINT: TOP OF WELL RISER
 PROTECTIVE CASING STICKUP (FROM GROUND): 3.1 feet
 CASING / WELL DIFFERENCE: 0.15 feet
 HISTORICAL WELL DEPTH (TOR): _____ feet
 PID AMBIENT AIR: 0 ppmv
 WELL DIAMETER: 2" inches
 PRESSURE TO PUMP: _____ psi
 PID WELL MOUTH: 0 ppmv
 WELL INTERGRITY: NEW
 INTEGRITY: YES NO _____ N/A _____
 CAP: _____
 CASING LOCKED: _____
 COLLAR: _____

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1550	5.71'	250 ml/m	11.17	0.001	4.90	10.5	204	203	12'	
1555	5.70'	250 ml/m	11.92	1.55	8.57	0.00	1.75	-136	12'	
1605	5.71'	250 ml/m	11.91	1.54	8.59	0.00	1.72	-147	12'	
1610	5.71'	250 ml/m	11.92	1.54	8.58	0.00	0.87	-155	12'	
1615	5.71'	250 ml/m	11.91	1.54	8.59	0.00	15.8	-159	12'	
1620	5.71'	225 ml/m	11.88	1.53	8.58	0.0	1.52	-162	12'	
1625	5.71'	200 ml/m	11.78	1.53	8.59	0.0	1.60	-163	12'	
1630	5.71'	225 ml/m	11.75	1.53	8.56	0.0	1.16	-162	12'	
1635	5.71'	225 ml/m	11.85	1.53	8.57	0.0	1.03	-164	12'	
1640	5.71'	225 ml/m	11.84	1.53	8.55	0.0	1.00	-164	12'	
1645	5.71'	250 ml/m	11.86	1.53	8.54	0.0	1.05	-164	12'	

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER GEO PUMP - PERISTALTIC
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILMO4.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED: YES NO
VERY LOW TURBIDITY
NO ODOR

NOTES: HORIBA TURB. METER # 05195
 SIGNATURE: [Signature]
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-17 FIELD SAMPLE ID: GSMW06017 EVENT NO.: 1
 ACTIVITY: START 16:00 END 17:00 SAMPLE TIME: 16:45 DATE: 11/13/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 4.22 feet
 FINAL DEPTH TO WATER: 4.51 feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): 2.95 feet

CASING / WELL DIFFERENCE: _____ feet

WELL DIAMETER: 2 inches

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 CASING LOCKED: _____
 COLLAR: _____

PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 0.0 ppmv
DISCHARGE SETTING: _____

PURGE DATA										
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
16:15	4.92	250	11.6	2.99	7.3	6.27	6	-50	12	Horiba 4-22
16:20	4.85	250	12.0	2.96	7.3	1.84	6	-70		ID# 06432
16:25	NYSDEC split sample collected									Hach 2100P
16:36	4.92	250	11.7	2.97	7.3	4.68	10	-60	12	ID# 02631
16:40	4.91	250	12.0	2.95	7.3	1.73	3	-70		
16:45	sample									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER peristaltic - Geopump

TYPE OF TUBING:
 HIGH DENSITY POLYETHYLENE
 OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES / PCBs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____	_____	_____	_____	<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES NO clear

LOCATION NOTES

NOTES:

SIGNATURE: Laura M. Smith

CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-18 FIELD SAMPLE ID: GSMW0618 EVENT NO.: 1
 ACTIVITY: START 0935 END 1045 SAMPLE TIME: 1025 DATE: 4/14/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.52 feet
 FINAL DEPTH TO WATER: 4.97 feet
 SCREEN LENGTH: _____ feet
 TOTAL VOL. PURGED: 5.46 gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT

TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): 13.93* feet

PRESSURE TO PUMP: - psi

REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet

PID AMBIENT AIR: 0.0 ppmv

PID WELL MOUTH: 0.0 ppmv

DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet

WELL DIAMETER: 2 inches

WELL INTERGRITY:

INTEGRITY: YES NO N/A
 CAP _____
 CASING LOCKED _____
 COLLAR _____

PURGE DATA										
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
0940	5.11	500	12.01	0.577	7.27	0.89	2.62	124	15	
0945	5.04	300	12.24	0.578	7.26	0.12	1.05	99	"	
0950	5.05	300	12.33	0.580	7.26	1.73	0.70	84	"	
0955	4.99	300	12.33	0.581	7.25	2.16	0.78	80	"	
1000	5.00	300	12.31	0.581	7.26	2.05	0.82	79	"	
1005	5.02	300	12.33	0.584	7.26	0.90	0.60	76	"	
1010	5.04	300	12.40	0.580	7.26	0.67	0.63	76	"	
1015	5.03	300	12.42	0.582	7.26	0.53	0.47	75	"	
1020	4.98	300	12.37	0.580	7.26	0.50	0.49	74	"	
1025	COLLECTED GW SAMPLE									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>	-	<u>PCBS / YDCC 1+25ml Ag</u>	____/____/____	<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO No color, no odor

NOTES: MEASURED TURBIDITY TO 15' TO TOP OF PVC
 *DTB = 17.98' Horiba 05819
Heck 03054

SIGNATURE: [Signature]
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-19 FIELD SAMPLE ID: GSMW0619 EVENT NO.: 1
 ACTIVITY: START 0810 END 0930 SAMPLE TIME: 09:10 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

INITIAL DEPTH TO WATER: 5.34 feet
 PROTECTIVE CASING STICKUP (FROM GROUND): -3.5' feet
 CASING / WELL DIFFERENCE: _____ feet

FINAL DEPTH TO WATER: 5.77 feet
 HISTORICAL WELL DEPTH (TOR): 20.02 feet
 WELL DIAMETER: 2 inches

SCREEN LENGTH: 10' feet
 PRESSURE TO PUMP: NA psi
 PID WELL MOUTH: 0.0 ppmv
 WELL INTERGRITY: INTEGRITY: YES NO N/A
 CAP _____
 CASING _____
 LOCKED _____
 COLLAR _____

TOTAL VOL. PURGED: 4.68 gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC					REDUX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
				CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)				
0825	5.62	400	12.76	0.427	7.22	9.18	1.34	171	15'	No color, no odor	
0830	5.69	300	12.86	0.432	7.26	8.92	1.15	169	15'		
0835	5.74	300	12.87	0.430	7.27	8.02	0.56	168	"		
0840	5.73	300	12.85	0.429	7.28	7.56	0.83	169	"		
0845	5.75	300	12.84	0.428	7.28	6.95	0.69	169	"		
0850	5.76	300	12.85	0.428	7.28	6.44	0.72	170	"		
0855	5.76	300	12.88	0.428	7.28	5.63	0.44	171	"	bubbles in cell ^{flow through}	
0900	5.76	300	12.79	0.427	7.29	8.13	0.57	173	"		
0905	5.75	300	12.80	0.427	7.21	7.61	1.00	175	"		
0910	COLLECTED SAMPLE										

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC BED PUMP

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES <u>PCBS</u>	OLMO4.2	4 DEG. C	<u>2 X 1 L AG 500 ml</u>	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS: Clear, no odor, no color

PURGE WATER CONTAINERIZED: YES NO

LOCATION NOTES

NOTES: Horiba 05811
Hech 03054

SIGNATURE: [Signature]

CHECKED BY: _____

ELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-20 FIELD-SAMPLE ID: GSMW06020 EVENT NO.: 1
 ACTIVITY: START 1530 END 1618 SAMPLE TIME: 16:00 DATE: 11-14-06

WATER LEVEL / PUMP SETTINGS: T.D. = 20.29' BTIC
 MEASUREMENT POINT: TOP OF WELL RISER
 TOP OF PROTECTIVE CASING
 INITIAL DEPTH TO WATER: 7.38' feet PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet CASING / WELL DIFFERENCE: _____ feet
 FINAL DEPTH TO WATER: 8.20 feet HISTORICAL WELL DEPTH (TOR): _____ feet PID AMBIENT AIR: 0.0 ppmv WELL DIAMETER: 2 inches
 SCREEN LENGTH: 10 feet PRESSURE TO PUMP: _____ psi PID WELL MOUTH: 0.2 ppmv WELL INTERGRITY: INTEGRITY: YES NO N/A
 CAP _____
 CASING LOCKED _____
 COLLAR _____
 TOTAL VOL. PURGED: _____ gallons REFILL SETTING: _____ DISCHARGE SETTING: _____
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP		COMMENTS
									INTAKE DEPTH (ft)		
1537	7.80	200 +/-	11.05	0.98	7.32	5.61	4	102	15' BTIC		INITIAL H2O
1542	8.03	200 +/-	11.62	0.96	7.28	1.46	3	93	SAME		
1548	8.03	175	11.7	0.96	7.3	0.6	3	90	15		
1553	8.03	175	11.7	0.96	7.3	0.4	2	85			
1558	8.05	175	11.6	0.96	7.3	0.2	2	83			
1600	sample										
1618	NYSDEC split sample collected (1 gal)										

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER peristaltic Geopump
 NON-DEDICATED MARSCHALK BLADDER
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____ / ____ / ____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____ / ____ / ____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____ / ____
<input checked="" type="checkbox"/> PESTICIDES / PCBs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____ / ____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____ / ____ / ____
<input type="checkbox"/> OTHER				<input type="checkbox"/>	____ / ____ / ____

IRGE OBSERVATIONS
 RGE WATER CONTAINERIZED YES NO Clear
 TES:
 ATURE: Laura Smith
 KED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-21 FIELD SAMPLE ID: GSMW06021 EVENT NO.: 1
 ACTIVITY: START 14:00 END 14:45 SAMPLE TIME: 14:33 DATE: 11-14-06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 9.20 feet
 FINAL DEPTH TO WATER: 9.87 feet
 SCREEN LENGTH: 10 feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2 inches

HISTORICAL WELL DEPTH (TOR): _____ feet
PRESSURE TO PUMP: _____ psi
REFILL SETTING: _____

PID AMBIENT AIR: 0.6 ppmv
PID WELL MOUTH: 0.6 ppmv
DISCHARGE SETTING: _____

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING _____
 LOCKED _____
 COLLAR _____

PURGE DATA		SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
14:07	9.55	250	11.9	1.90	7.4	6.2	2	-7	19		
14:12	9.70	200	12.4	1.90	7.4	2.6	1	-30	↓		
14:17	9.73	200	12.5	1.94	7.4	1.7	1	-50			
14:22	9.76	200	12.5	1.96	7.4	1.1	1	-50			
14:27	9.78	200	12.5	1.97	7.4	0.9	1	-54			
14:33	SAMPLE										
14:45	NYSDEC split sample collected (1 gal)										

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER peristaltic - Geopump
 NON-DEDICATED MARSCHALK BLADDER

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____
<input checked="" type="checkbox"/> PESTICIDES / PCBs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 X 1 LP	<input type="checkbox"/>	____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED YES NO clear

NOTES:

 SIGNATURE: Laura Smith
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-22 FIELD SAMPLE ID: GSMW0622 EVENT NO.: 1
 ACTIVITY: START 0900 END 10. SAMPLE TIME: 10:00 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 5.62 feet
 FINAL DEPTH TO WATER: 5.92 feet
 SCREEN LENGTH: _____ feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): 17 feet
 PRESSURE TO PUMP: _____ psi
 REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
 CASING / WELL DIFFERENCE: _____ feet
 WELL DIAMETER: 2 inches
 PID AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 0.0 ppmv
 DISCHARGE SETTING: _____

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING _____
 LOCKED _____
 COLLAR _____

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
0925	5.95	500	12.17	0.301	7.30	3.42	47.2	-82	12	yellowish
0930	5.93	400	12.31	0.299	7.26	0.62	46.4	-96	"	
0935	5.92	300	12.22	0.298	7.24	0.00	3.02	-101	"	clearer, no color
0940	5.86	300	12.31	0.297	7.25	0.00	14.2	-106	"	
0945	5.88	300	12.27	0.295	7.26	0.00	23.6	-106	"	
0950	5.88	300	12.39	0.294	7.28	0.00	4.73	-109	"	
0955	5.88	300	12.54	0.294	7.27	0.00	3.70	-112	"	
1000	COLLECTED SAMPLE									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER Peristaltic

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCB</u>	_____	<u>4 Deg</u>	<u>1x 1LP</u>	<input checked="" type="checkbox"/>	____/____/____

PURGE OBSERVATIONS Yellow initially, cleared, no odor

PURGE WATER CONTAINERIZED YES NO

NOTES:
Horiba 05899
HAU 03054

SIGNATURE: Daron King
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-23 FIELD SAMPLE ID: Gsmw0623 EVENT NO.: 1
 ACTIVITY: START 0800 END _____ SAMPLE TIME: 0850 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 4.59 feet
 FINAL DEPTH TO WATER: 4.78 feet
 SCREEN LENGTH: 10' feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): 16 feet
PRESSURE TO PUMP: _____ psi
REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
PID AMBIENT AIR: 0.0 ppmv
PID WELL MOUTH: 20.9 ppmv
DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 CASING LOCKED _____
 COLLAR _____

PURGE DATA		SPECIFIC							PUMP		COMMENTS
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	INTAKE DEPTH (ft)		
0810	4.78	250	12.21	0.408	6.89	2.10	3.51	132	12'		
0815	4.81	300	12.14	0.407	6.99	1.25	3.03	121	"		
0820	4.78	300	12.11	0.387	7.27	0.00	2.49	57	"		
0825	4.78	300	12.05	0.379	7.27	0.00	2.40	32	"		
0830	4.78	300	12.11	0.372	7.27	0.00	1.13	18	"		
0835	4.78	300	12.04	0.366	7.27	0.00	0.72	8	"		
0840	4.79	300	12.16	0.367	7.27	0.00	0.67	6	"		
0845	4.78	300	12.11	0.366	7.28	0.00	0.72	2	"		
0850	SAMPLE COLLECTION										

EQUIPMENT DOCUMENTATION
TYPE OF PUMP
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER: Peristaltic Pump

TYPE OF TUBING
 HIGH DENSITY POLYETHYLENE
 OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER: <u>PCB's</u>	-	<u>4 Deg C</u>	<u>1 x 1 L AG</u>	<input checked="" type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED: YES NO
No color

LOCATION NOTES

NOTES: Odor from well, smells like markers Nordson 05899
Heck 03054
 SIGNATURE: [Signature]
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-24 FIELD SAMPLE ID: GSMW0624 EVENT NO.: 1
 ACTIVITY: START 1420 END 1535 SAMPLE TIME: 1510 DATE: 11/15/06

WATER LEVEL / PUMP SETTINGS
 INITIAL DEPTH TO WATER: 3.14 feet
 FINAL DEPTH TO WATER: 3.26 feet
 SCREEN LENGTH: _____ feet
 TOTAL VOL. PURGED: _____ gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
WELL DIAMETER: 2 inches

HISTORICAL WELL DEPTH (TOR): 16.5' feet
PRESSURE TO PUMP: _____ psi
REFILL SETTING: _____

PID AMBIENT AIR: Not measured ppmv
PID WELL MOUTH: Not measured ppmv
DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 LOCKED: _____
 COLLAR: _____

PURGE DATA										
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1435	3.20	400	13.74	0.203	7.72	0.70	22.2	-60	12'	reddish brown
1440	3.19	300	13.71	0.204	7.71	0.10	16.0	-65	12'	
1445	3.21	300	13.81	0.208	7.70	0.01	16.0	-62	"	clear
1450	3.24	300	13.83	0.218	7.69	0.00	4.03	-59	"	
1455	3.25	300	13.98	0.228	7.67	0.00	2.70	-57	"	
1500	3.26	300	13.98	0.253	7.65	0.00	2.10	-53	"	
1505	3.25	300	13.95	0.258	7.64	0.00	"	-51	"	
1510	COLLECTOR SAMPLE									

EQUIPMENT DOCUMENTATION
 TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER Peristaltic
 TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 LP	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> OTHER <u>PCBs</u>	_____	<u>4 deg C</u>	<u>1 x 1 L B</u>	<input checked="" type="checkbox"/>	____/____/____

PURGE OBSERVATIONS
 PURGE WATER CONTAINERIZED: YES NO No color, no odor

LOCATION NOTES

NOTES: + PID battery low
 HORIBA O5899
 Thermo 03054
 SIGNATURE: Dawn Kumpf
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-25 FIELD SAMPLE ID: GSMW0625 EVENT NO.: 1
 ACTIVITY: START 1330 END 1440 SAMPLE TIME: 1430 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 1.48 feet

FINAL DEPTH TO WATER: 1.52 feet

SCREEN LENGTH: _____ feet

TOTAL VOL. PURGED: 5.46 gallons
(purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet

CASING / WELL DIFFERENCE: _____ feet

WELL DIAMETER: 2 inches

WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP _____
 LOCKED _____
 COLLAR _____

HISTORICAL WELL DEPTH (TOR): _____ feet

PID AMBIENT AIR: _____ ppmv

PRESSURE TO PUMP: - psi

PID WELL MOUTH: _____ ppmv

REFILL SETTING: _____

DISCHARGE SETTING: _____

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1340	1.53	500	12.41	3.07	7.36	0.55	2.31	207	15	
1345	1.55	400	12.33	3.05	7.35	0.46	2.27	205	"	
1350	1.56	300	12.28	3.09	7.35	0.16	1.15	198	"	
1355	1.56	300	12.27	3.13	7.34	0.00	1.46	194	"	
1400	1.54	300	12.19	3.12	7.33	7.61	0.62	186	"	
1405	1.54	300	12.17	3.04	7.33	8.76	0.83	183	"	
1410	1.54	300	12.17	3.05	7.33	8.61	0.42	178	"	
1415	1.54	300	12.17	3.08	7.33	6.72	0.60	174	"	
1420	1.53	300	12.17	3.07	7.33	6.46	0.40	169	"	
1425	1.53	300	12.19	3.06	7.33	6.45	0.91	164	"	
1430	COLLECTED SAMPLE									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP:
 DEDICATED MARSCHALK BLADDER
 NON-DEDICATED MARSCHALK BLADDER
 OTHER Peristaltic

TYPE OF TUBING:
 HIGH DENSITY POLYETHYLENE
 OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCBS</u>	-	<u>H2SO4 / 4 Deg (1 X 250 ml)</u>	-	<input checked="" type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO

NOTES:
Horiba 05891
Kach 03054

SIGNATURE: [Signature]
 CHECKED BY: _____

LOCATION NOTES

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-26 FIELD SAMPLE ID: GSMW0626 EVENT NO.: 1
 ACTIVITY: START 11:05 END 1225 SAMPLE TIME: _____ DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS **MEASUREMENT POINT**
 INITIAL DEPTH TO WATER: 2.01 feet TOP OF WELL RISER
 FINAL DEPTH TO WATER: 2.20 feet TOP OF PROTECTIVE CASING
 SCREEN LENGTH: _____ feet HISTORICAL WELL DEPTH (TOR): 17' feet
 TOTAL VOL. PURGED: 7.02 gallons PRESSURE TO PUMP: - psi
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter) REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet
CASING / WELL DIFFERENCE: _____ feet
WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP: _____
 LOCKED: _____
 COLLAR: _____

PID AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 0.1 ppmv
 DISCHARGE SETTING: _____

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1110	2.21	600	13.10	2.61	7.44	2.21	50.7	46	12'	white floe
1115	2.24	300	13.36	2.63	7.43	7.59	43.7	43.5	"	
1120	2.25	250	13.47	2.37	7.43	8.47	35.7	43	"	
1125	2.27	300	13.62	1.99	7.46	7.74	34.3	50	"	
1130	2.24	300	13.55	1.92	7.58	8.12	14.9	49	"	
1135	2.24	300	13.57	1.84	7.46	7.06	15.3	51	"	
1140	2.25	300	13.56	1.75	7.46	8.54	16.7	55	"	
1145	2.25	300	13.61	1.65	7.46	7.88	15.3	54	"	
1150	2.24	300	13.65	1.77	7.46	7.12	8.31	53	"	
1155	2.24	300	13.64	1.78	7.46	8.02	8.15	53	"	
1200	2.24	300	13.68	1.81	7.46	7.62	8.21	53	"	
COLLECTED SAMPLE										

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER OTHER PERISTALTIC
 NON-DEDICATED MARSCHALK BLADDER OBO Pump

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE
 OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	_____/_____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 LP	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	_____/_____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	_____/_____/____
<input checked="" type="checkbox"/> OTHER <u>PCB</u>	_____	<u>HNO3 / 4 Deg C</u>	<u>1 X 250 ML P</u>	<input checked="" type="checkbox"/>	_____/_____/____

PURGE OBSERVATIONS No odor
 PURGE WATER CONTAINERIZED: YES NO

LOCATION NOTES

NOTES:
Horiba 05859
Flux 03054
 SIGNATURE: Dawn Kuntz
 CHECKED BY: _____

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY LF-1 JOB NUMBER: 3612062057
 LOCATION ID: MW-04 (LF-1) FIELD SAMPLE ID: GSMW06LF4 EVENT NO.: 1
 ACTIVITY: START 10:50 END _____ SAMPLE TIME: 11:45 DATE: 11-14-06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 4.36 feet

FINAL DEPTH TO WATER: 4.60 feet

SCREEN LENGTH: _____ feet

TOTAL VOL. PURGED: _____ gallons
(purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): _____ feet

PRESSURE TO PUMP: _____ psi

REFILL SETTING: _____

PROTECTIVE CASING STICKUP (FROM GROUND): _____ feet

PID AMBIENT AIR: 0.8 ppmv

PID WELL MOUTH: 0.8 ppmv

DISCHARGE SETTING: _____

CASING / WELL DIFFERENCE: _____ feet

WELL DIAMETER: 2 inches

WELL INTERGRITY:

INTEGRITY:	YES	NO	N/A
CAP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____
CASING LOCKED	_____	<input checked="" type="checkbox"/>	_____
COLLAR	_____	<input checked="" type="checkbox"/>	_____

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS	
10:55	4.60	175	9.8	0.86	8.4	10.8	6	150	5.5		
11:00	4.63	175	10.6	1.53	7.8	6.6	4	160			
11:05	4.63	175	10.9	1.80	7.7	1.9	3	70			
11:07	NYSDEC split sample collected (1-gal)										u-22 disconnected
11:27	4.64	175	10.7	1.67	7.6	4.5	1	-9			
11:32	4.63	175	10.7	1.65	7.6	1.6	1	-25			
11:37	4.61	175	10.7	1.63	7.6	0.9	1	-40			
11:42	4.64	175	10.7	1.61	7.6	0.5	1	-50			
11:45	Sample										

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER NON-DEDICATED MARSCHALK BLADDER OTHER peristaltic-Geopump

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER _____

ANALYTICAL PARAMETERS

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> PESTICIDES / PCBs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	____/____/____
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	____/____/____
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	____/____/____
<input type="checkbox"/> OTHER _____				<input type="checkbox"/>	____/____/____

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES NO clear

NOTES:
~~No well cap; open to atmosphere is~~

SIGNATURE: Laura Smith

DATE: _____

LOCATION NOTES

mw01 at south end of landfill.

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: LF-2 (N END OF LANDFILL) FIELD SAMPLE ID: GSMW06LF2 EVENT NO.: 1
 ACTIVITY: START 1330 END: (MW-2) SAMPLE TIME: 1430 DATE: 11/14/06

WATER LEVEL / PUMP SETTINGS: INITIAL DEPTH TO WATER: 3.57 feet; FINAL DEPTH TO WATER: 3.56 feet; SCREEN LENGTH: ?(2' or 2.5?) feet; TOTAL VOL. PURGED: _____ gallons

MEASUREMENT POINT: TOP OF WELL RISER; TOP OF PROTECTIVE CASING; HISTORICAL WELL DEPTH (TOR): NA feet; PRESSURE TO PUMP: NA psi; REFILL SETTING: _____

* PVC Casing sticks up 1.6' above ground surface

PROTECTIVE CASING STICKUP (FROM GROUND): NONE feet; CASING / WELL DIFFERENCE: NA feet; WELL DIAMETER: 2" inches; WELL INTERGRITY: YES NO N/A CAP LOCKED COLLAR

PID AMBIENT AIR: 0.0 ppmv; PID WELL MOUTH: 0.0 ppmv; DISCHARGE SETTING: _____

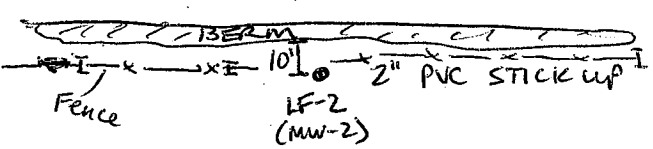
PURGE DATA	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
1345	3.57'	200%	9.50	1.33	8.37	0.68	8.79	-106	5' BTDC	
1350	3.67'	200%	9.54	1.33	8.39	0.62	3.21	-110	5' BTDC	
1355	3.67'	200%	9.55	1.32	8.34	0.00	0.98	-105	5' BTDC	
1400	3.65'	200%	9.59	1.33	8.22	0.00	0.36	-94	4.75' BTDC	
1405	3.65'	200%	9.57	1.33	8.13	0.00	0.26	-84	4.75' BTDC	
1410	3.65'	200%	9.57	1.33	8.07	0.00	0.24	-80	4.75' BTDC	
1415	3.65'	200%	9.57	1.33	8.03	0.00	0.22	-76	4.75' BTDC	
1420	3.65'	200%	9.58	1.33	8.00	0.00	0.37	-73	4.75' BTDC	
1425	3.65'	200%	9.57	1.33	7.98	0.00	0.31	-71	4.75' BTDC	

EQUIPMENT DOCUMENTATION: TYPE OF PUMP: DEDICATED MARSCHALK BLADDER; OTHER PERISTALTIC GEPUMP 2; TYPE OF TUBING: HIGH DENSITY POLYETHYLENE; OTHER

CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> PESTICIDES	OLMO4.2	4 DEG. C	2 X 1 L AG	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> OTHER				<input type="checkbox"/>	___/___/___

PURGE OBSERVATIONS: NO ODOR, VERY CLEAR
 PURGE WATER CONTAINERIZED: YES NO

NOTES: HACH TURB. METER # 05195
HORIBA U22 METER # 07081
 SIGNATURE: [Signature]
 CHECKED BY: _____

LOCATION NOTES: CONCRETE PLANT

* WELL CAP WAS OFF UPON ARRIVAL

FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT: GUTERL STEEL - LOCKPORT, NY JOB NUMBER: 3612062057
 LOCATION ID: MW-TP4 FIELD SAMPLE ID: EVENT NO.: 1
 ACTIVITY: START 08:30 END 09:20 SAMPLE TIME: 9:05 DATE: 11-14-06

WATER LEVEL / PUMP SETTINGS

INITIAL DEPTH TO WATER: 3.79 feet
 FINAL DEPTH TO WATER: feet
 SCREEN LENGTH: 3 feet
 TOTAL VOL. PURGED: gallons
 (purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter)

MEASUREMENT POINT
 TOP OF WELL RISER
 TOP OF PROTECTIVE CASING

HISTORICAL WELL DEPTH (TOR): 8.03 feet
 PRESSURE TO PUMP: psi
 REFILL SETTING:

PROTECTIVE CASING STICKUP (FROM GROUND): feet
 PID AMBIENT AIR: 0.0 ppmv
 PID WELL MOUTH: 0.0 ppmv
 DISCHARGE SETTING:

CASING / WELL DIFFERENCE: feet
 WELL DIAMETER: 2 inches
WELL INTERGRITY:
 INTEGRITY: YES NO N/A
 CAP:
 CASING LOCKED:
 COLLAR:

PURGE DATA										
TIME	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (+/- deg. C)	SPECIFIC CONDUCTANCE (mS/cm)	pH (units)	DISS. O2 (mg/L)	TURBIDITY (NTU)	REDOX (+/- mV)	PUMP INTAKE DEPTH (ft)	COMMENTS
8:35	3.81	250	11.3	0.96	9.5	3.26	793	-120	6	
8:41	4.05	200	11.2	0.80	9.6	1.28	136	-150	6	
8:46	4.06	200	11.1	0.77	9.6	0.66	76	-155	6	
8:51	4.09	200	11.1	0.70	9.6	0.70 ¹⁵	45	-150	6	
8:56	4.09	200	11.2	0.69	9.6	0.34 ¹⁵	27	-150	6	
9:01	4.10	200	11.2	0.67	9.6	0.27 ¹⁵	16	-150	6	
9:05	sample									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: DEDICATED MARSCHALK BLADDER NON-DEDICATED MARSCHALK BLADDER OTHER peristaltic-Geopump

TYPE OF TUBING: HIGH DENSITY POLYETHYLENE OTHER

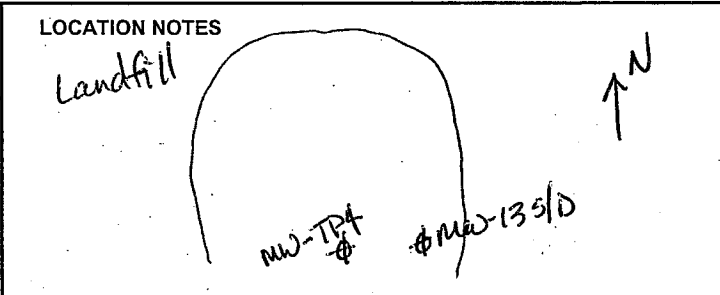
CONTROL NUMBER	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID LETTERS
<input type="checkbox"/> VOCs - 25 ml Purge (low conc.)	OLCO2.1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input checked="" type="checkbox"/> VOCs - 5 ml Purge	OLMO4.2	HCL / 4 DEG. C	3 X 40 ML	<input checked="" type="checkbox"/>	___/___/___
<input checked="" type="checkbox"/> SVOCs	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	___/___
<input checked="" type="checkbox"/> PESTICIDES <u>PCBS</u>	OLMO4.2	4 DEG. C	2 X 1 L AG	<input checked="" type="checkbox"/>	___/___
<input checked="" type="checkbox"/> METALS	ILM04.2	HNO3 to pH <2	1 X 500 ML P	<input checked="" type="checkbox"/>	___
<input type="checkbox"/> MANGANESE / IRON -	SW846 6010	HNO3 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___
<input type="checkbox"/> SULFATE / CHLORIDE / ALKALINITY	USEPA 375.4 / 325.3 / 310.1	4 DEG. C	1 x 1 L P	<input type="checkbox"/>	___
<input type="checkbox"/> NO2 - NO3	USEPA 353.2 / 354.1	H2SO4 to pH <2	1 X 500 ML P	<input type="checkbox"/>	___
<input type="checkbox"/> TOC	USEPA 415.1	H2SO4 to pH <2	1 X 250 ML AG	<input type="checkbox"/>	___
<input type="checkbox"/> METHANE / ETHANE / ETHYLENE	EPA Region 1	HCL / 4 DEG. C	3 X 40 ML	<input type="checkbox"/>	___/___/___
<input type="checkbox"/> OTHER				<input type="checkbox"/>	___/___/___

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED YES cloudy

NOTES:
grey - blk murky bottom in well. Placed intake 2' from bottom.

SIGNATURE: Laura Smith
 CHECKED BY:



A-5

FIELD NOTES ON TEST PIT EXCAVATIONS

Projects

GUTERL STEEL SITE LANDFILL
18 October 2006 Test Pits

0830 - Test Pit started @ landfill

cool, cloudy.

Field notes by David Buter, MALTEC

GSTP001 - near 35 073

Description:

Surface - Dark Brown soil,
some vegetation

0 - 2' bgs - Dark brown silty
sandy soil and fill

• Fill consists of brick & mortar
slag, trash, metal, cable

2 - 2.5' - sandy silty soil
to bedrock @ 2.5'

Very wet - water pouring
into excavations @ overburden
bedrock interface.

* Sheen on water in
excavation

0850 - Sample collected
for full suite -

GSTP0600102

0855 - Back filled TP001 and
move to TP-002

2

GUTERL STEEL SITE LANDFILL
18 Oct 86 TEST PITS

0900 - Excavating @ TP-002
near 44-008

Description:

Surface - Cobbley, sandy
silty loam w/ debris
incl. brick, metal, hose, trash
0-1' bgs - Fill - dark brown
w/ debris as above
1-3' bgs As above w/ slag
and "fire brick"
3-4' - As above - saturated
water entering excavation
bedrock @ 4' bgs

0915 - Sample collected
for metals only.
GSTP0000203

0920 - Backfill @ TP002

0920 - Move to TP003.
Excavating

3

GUTERL Steel Site LANDFILL
18 Oct 86 TEST PITS

TP-003 Description

Surface - dark brown cobbly
sandy loam, w/ debris
bricks, metal, trash
0-2' bgs - dark brown to
very dark brown
soil w/ debris as above
2-2.5' bgs - as above - very
wet - saturated
water entering excavation
w/ screen. pH = 0.0
Bedrock @ 2.5' bgs

0945 - Sample GSTP0000302
for full suite.

0950 - Move to TP-004
@ South East portion
of landfill.

0955 - Excavating @ TP-004.

4

GUTERL STEEL SITE LANDFILL
18 Oct 04 TEST PITS

TP-004 Descriptions

Surface - brown cobbly
silty soil w/ debris0-2' layer - very dark brown
silty fill w/ debris
- brush, slag, trash
and metal.

Subsided @ 2-3' layer

Sweat and odor

3-6' Layer - Fill - very
dark brown, "shiny"
w/ sheen and oily
odor - debris - wood, metal, steel6' - bottom of excavation
debris consists of
wood, metal, furniture
parts, bottles, cans
trash.- will sample for full suite
and put well in for
later water sample.

1030 - Sample GSTP0600704

GUTERL STEEL SITE LANDFILL
18 Oct 04 TEST PITS

25

1045 - Well/AWC placed @ TP-004
3' screen w/ 5' riser

1100 - Excavating @ TP-005

Description

Surface = same as other
locations.0-1' - Silty, Clayey soil
w/ roots.

1-3' layer - Dark brown

fill - silty, moist.

heavy w/ debris

- drum w/ black mtl - plastic
ooze from drum.

4' - natural material

silty soil - tan to grey
moist.

No bedrock encountered

11:15 - Sample GSTP0600503

For metals/XRF

& SVOC's, PCB's

Debris contains - trash, soda cans
drums, metal, cloth, plastic

6 GUTERL STEEL SITE LANDFILL
18 Oct 04 TEST PITS

11:25 backfill @ TP-005

11:35 - Excavating @ TP-004

Description:

Surface: Debris, metal,
cloth, bricks

0-2' Soil and debris
as above dark brown

dry to moist

2-4' Brown to reddish
brown soil w/debris
dry to moist

4'-5' Very hard debris
slag, brick -
water @ 4' bgs.

Reddish brown soil.

No bedrock encountered

11:45 - Sample - GSTP0600704
Metals only - XRF

12:30 - Move to TP-007

and excavating
location is near the center
of the apparent fill
area

7 GUTERL STEEL SITE LANDFILL
19 Oct 04 TEST PITS

12:45 - Sample GSTP0600704
metals only XRF

Pit Description:

Surface: as other locations

0-4' Brown soil w/ debris -
cloth, wire, metal, brick, slag

Moist

4-6' Water @ 5' bgs.

As above darker brown

Sample @ 4' bgs.

6' Top Pit Ends. - No bedrock

13:00 - Head space readings from
bagged samples:

TP-001 = 0.0 ppm

TP-002 = 1.8 ppm

TP-003 = 0.0 ppm

TP-004 = 3.5 ppm

TP-005 = 0.0 ppm

TP-006 = 0.0 ppm

TP-007 = 0.0 ppm

GUTERL STEEL SITE
18 Oct 04

LANDFILL
TEST PTS

1330 - Excavating @ TP-008
@ edge of mound
in center of landfill

Description:

Surface - Sandy gravel

and soil

0-1' - Loam - sandy
soil brown

1-7' Dark brown

fill w/ debris

dry

7' - Erd Pit - bedrock

@ approx 7' bgs

water @ 7' bgs

1400 - Sample GSTP0600800
For metals

1415 - Moved to TP-009
@ north end of Landfill

1425 - Down to 6' in TP-009
and water @ 2-3' bgs
very wet.

GUTERL STEEL SITE

LANDFILL

18 Oct 04

Test pits 9

cont. will place PVC well
@ approx 6' bgs w/
2' screen + 5' riser

Description:

Surface: soil and gravel

0-6' - Dark brown

Sandy silty gravel,

fill w/ heavy debris

wood, metal, brick, cloth

styrofoam cups, trash

Sample GSTP0600902
for metals

1440 - Moved to TP-010
and excavating

Description:

Surface: as earlier

test pits

0-4' - Brown sandy gravel

w/ debris - fill.

primarily slag and

masonry.

4-6' - Brown sandy gravel

w/ fractured bedrock

10 GUTERL STEEL SITE LANDFILL
18 Oct 06 Test Pits

Cont. - 6' bkg bedrock
limestone
water seeping into
excavation
End of TP.

1500 - Sample GSTP0601004
for metals only.

1515 - move to TP-011
and excavating.

Description:

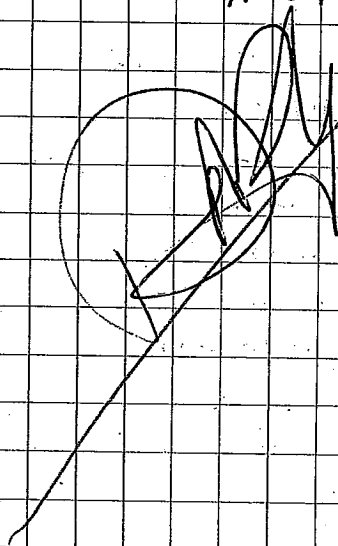
0-6' - Fill - slag
brick, metal - dry
to 5' bgs.
then saturated w/
water pouring into
excavation
7' - Fill/natural material
interface - Natl is
brown to gray, sandy silty
gravel.
End Excavation

LANDFILL GUTERL STEEL SITE
Test Pits 18 Oct 06 66

1530 - Sample GSTP0601104
for metals only.

1600 - At trailer - re-excavated
(P. TP-00) to check depth.
- large (4') chunk of
graphite in pit. could
not excavate further.

Head Space - TP-008 = 0.0 ppm
TP-009 = 0.0 ppm
TP-010 = 0.0 ppm
TP-011 = 0.0 ppm



GUTERL STEEL SITE Excised Area
19 Oct 04 test pits

0830 - Moving to Excised
area to begin
test pits for today

0845 - TP-012

@ North West Corner
of Bldg 35.
near SS-37

Cloudy, Cool, Raining
D-Buffs

TP-012 Description

Surface - Asphalt pavement
& trees

0-1' Sandy gravel - dark
brown to very
dark brown

1' - Orange to
reddish brown
gravel - wet.

- Gray clay -
natural material

* Concrete Vault @ 1' bgs near

TP-012

GUTERL STEEL SITE

19 Oct 04

13

0905 - SAMPLE GSTP.0601203
metals only

0915 - moved to TP-013
behind bldg 35.

Description - Paved rail line
between bldgs. Also
concrete abutment.

Surface - Pavement

0-2' - Brown - clayey sand
w/ gravel w/
large cobbles

2-4' - As above

4' - Tan to orange tan
clay w/ iron
staining

925:

SAMPLE GSTP01303

@ 925 metals

64 GUTERL STEEL SITE - Excised Area
10/19/04 Test Pits

0935 - Move to TP-014

and begin excavation

Description -

Surface - paved asphalt.

0-2' - Crushed rock and

sand. Top rock

is 2" + and

uniform.

2' - Gray clay w/ bedrock

pieces

End TP @ 2.5 - 3.0'

Probe

~~0945~~ Sample GSTP01407

1000 for metals - smelled

heavy petroleum odor

from water entering
excavation

so collected for

SVOC's, VOC's also

Also collected

grab of water entering
well - VOC's only

GUTERL STEEL SITE - Excised Area
10/19/04 Test Pits

1020 - Move to TP-015

@ NE of Bld 2

1030 - Excavation.

Description

Surface - Vegetation

0-2' - Dark brown

gravelly soil

w/ sand and silt.

2'-3' - As above - saturated

pipe in Excavation

running E-W

w/ orange "backfill"
material around it.

3-3 1/2' Clay - gray and

tan w/ iron stains

saturated.

1035 - Sample GSTP0401502

for metals

1045 - Move to TP-016 and

begin excavation

GRUTER STEEL SITE Excavated Area
16 10/19/06 Test Pits

1050 - Description TP-016
Surface: vegetation
and soil
0-3' bgs. Dark brown
gravelly sand w/
clay and silt
3' - Gray and tan
clay w/ iron
staining, large w/
chunks of bedrock
End of TP.

1055 - Sample GSTP0601602
for metals

1100 - Headspace Readings

TP-012 = 0.0 ppm

TP-013 = 0.0 ppm

TP-014 = 2.3 ppm

TP-015 = 0.0 ppm

TP-016 = 0.0 ppm

GRUTER STEEL SITE Excavated Area
10/19/06 Test Pits 17

Move to TP-017

1110 - Excavating @ TP-017

Description:

Surface: Vegetation
0-1.5' - Dark Brown sand
and gravel.

1.5-6.5' - orange to
brown fill with
debris, rocks, brick
metal, moist

6.5 - Clay - Tan to
orange brown.
moist.

End TP.

1115 - Sample GSTP0601704

for metals only

1130 - Excavating @ TP-018

Description

Surface: Vegetation
0-1' bgs. Dark Brown

18

GUTERL STEEL SITE
10/19/06 Excused Area

Cont Dark Brown Sandy Soil.

1-5' - Orange to brown
clay and silt.

Some bedrock in

end of Excavation

@ 3' bgs

End TP.

1140 - SAMPLE GSTP0601901

Metals, Vocs, PCB Rest

SROC - MS/MSP, Sulfate

1150 - Move to TP-019

Description:

Surface - Vegetation

0-1' = Dark brown

soil w/ gravel.

1-2' gray to
light gray crushed
rock & sand.

Wet.

2' - Clay - Tan to

orange brown

w/ iron stains

GUTERL STEEL SITE Excused Area
10/19/06 Test Pits

19

1200 - Sample GSTP0601901

for metals - +

XRF Dup.

1230: TP-020 in Bldg 3

@ Mouth end.

Description:

Surface - Dark brown

soil - silty.

0-6" = dark brown

soil w/ sand.

silt

6"-1.5' - Orange brown

cracked rock w/

sand and silt.

fill - w/ debris

glass, bricks rocks

1.5' - Bedrock.

12:40 - Sample GSTP0602001

for XRF metals.

Diller backfills and gas to decon

GUTERL STEEL SITE

Excised Hwy

20

10/19/06

Test Pits

1330 - Done w/ decon
and backhoe bury
screened for
rod for release

Hand spec readings

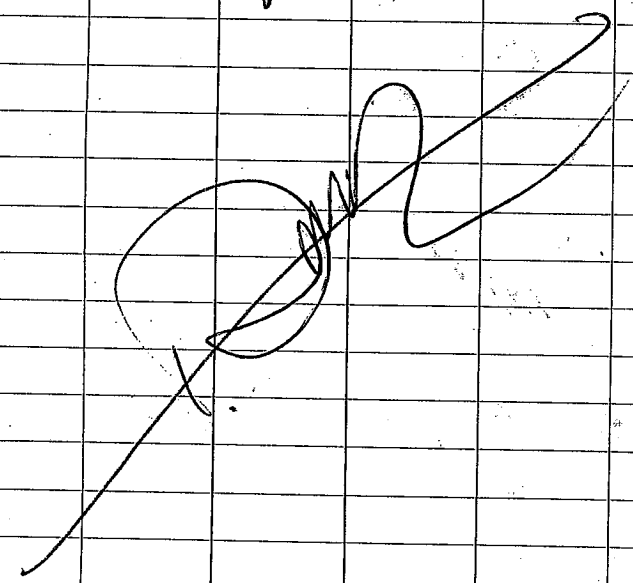
TP 017 - 0.0 ppm

TP 018 - 0.0 ppm

TP 019 - 0.0 ppm

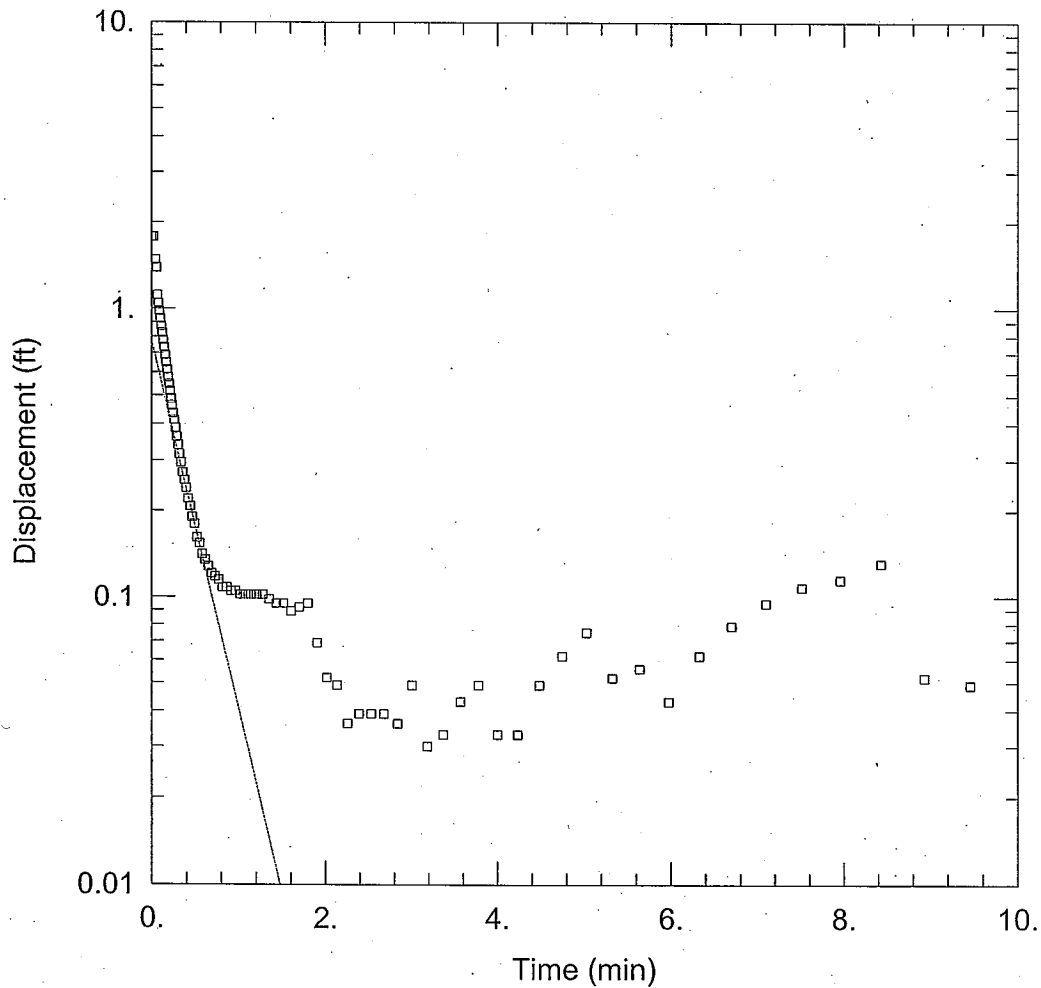
TP 020 - 0.0 ppm

1400 - Done w/ Test Pits for
today



APPENDIX B

SEMI-LOGARITHMIC PLOTS OF THE DATA AND THE PLOTTED TEST SOLUTIONS



MW-06 FALLING HEAD SLUG TEST ANALYSIS

Data Set: C:\Win-Situ\MW6FH.aqt

Date: 11/28/06

Time: 13:28:54

PROJECT INFORMATION

Company: MACTEC

Client: NYSDEC

Location: GUTERL STEEL

Test Well: MW-06

Test Date: 11/16/2006

AQUIFER DATA

Saturated Thickness: 20 ft

Anisotropy Ratio (K_z/K_r): 1

WELL DATA (MW-06)

Initial Displacement: 1.786 ft

Static Water Column Height: 17.07 ft

Total Well Penetration Depth: 17.07 ft

Screen Length: 10 ft

Casing Radius: 0.083 ft

Wellbore Radius: 0.33 ft

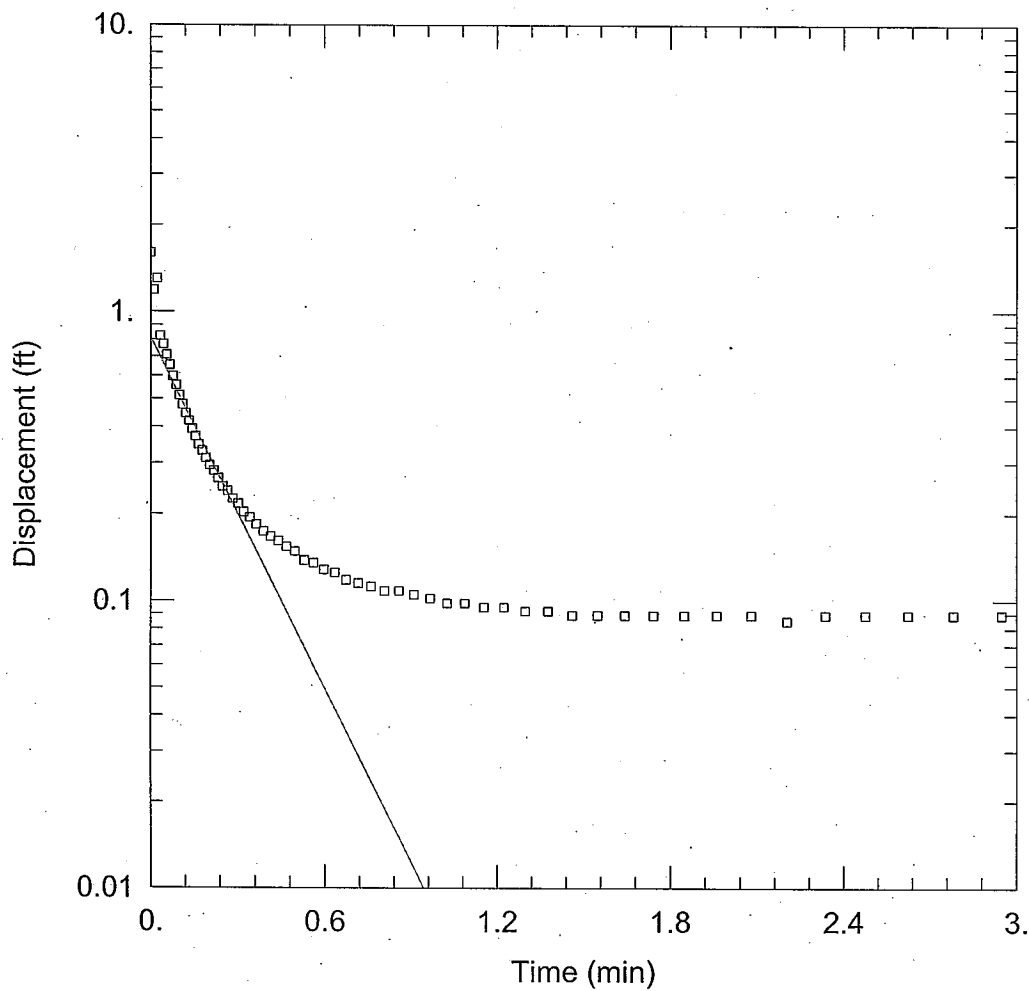
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 0.001328$ cm/sec

$y_0 = 0.7732$ ft



MW-07 FALLING HEAD SLUG TEST

Data Set: C:\Win-Situ\MW7FH.aqt

Date: 11/28/06

Time: 13:08:56

PROJECT INFORMATION

Company: MACTEC

Client: NYSDEC

Location: Guterl Steel

Test Well: MW-07

Test Date: 11/16/2006

AQUIFER DATA

Saturated Thickness: 20. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-07)

Initial Displacement: 1.598 ft

Static Water Column Height: 14.37 ft

Total Well Penetration Depth: 14.4 ft

Screen Length: 10. ft

Casing Radius: 0.08 ft

Wellbore Radius: 0.33 ft

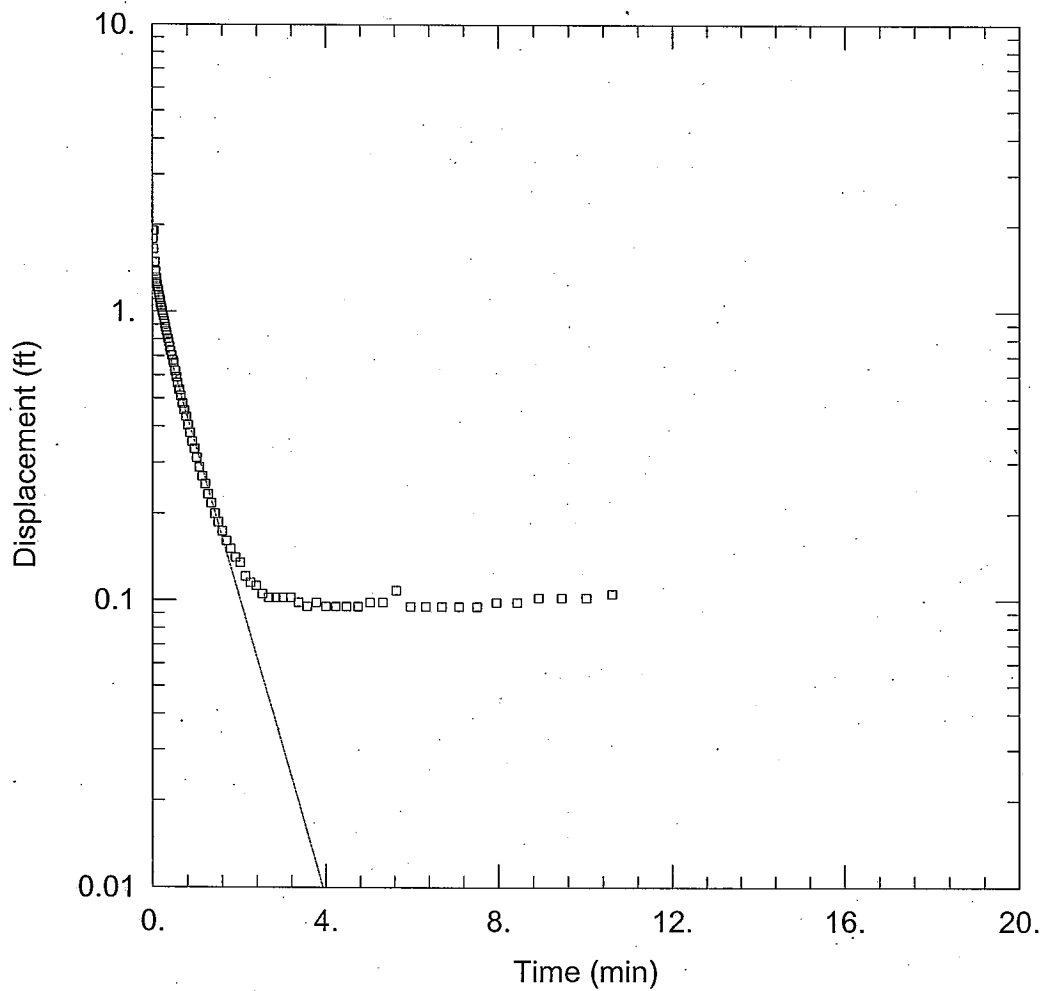
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.001852 cm/sec

y0 = 0.8151 ft



MW-08 FALLING HEAD SLUG TEST ANALYSIS

Data Set: C:\Win-Situ\MW8FH.aqt

Date: 11/28/06

Time: 13:27:42

PROJECT INFORMATION

Company: MACTEC

Client: NYSDEC

Location: GUTERL STEEL

Test Well: ME-08

Test Date: 11/16/2006

AQUIFER DATA

Saturated Thickness: 12.13 ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-08)

Initial Displacement: 1.91 ft

Static Water Column Height: 12.13 ft

Total Well Penetration Depth: 12.13 ft

Screen Length: 10. ft

Casing Radius: 0.0833 ft

Wellbore Radius: 0.33 ft

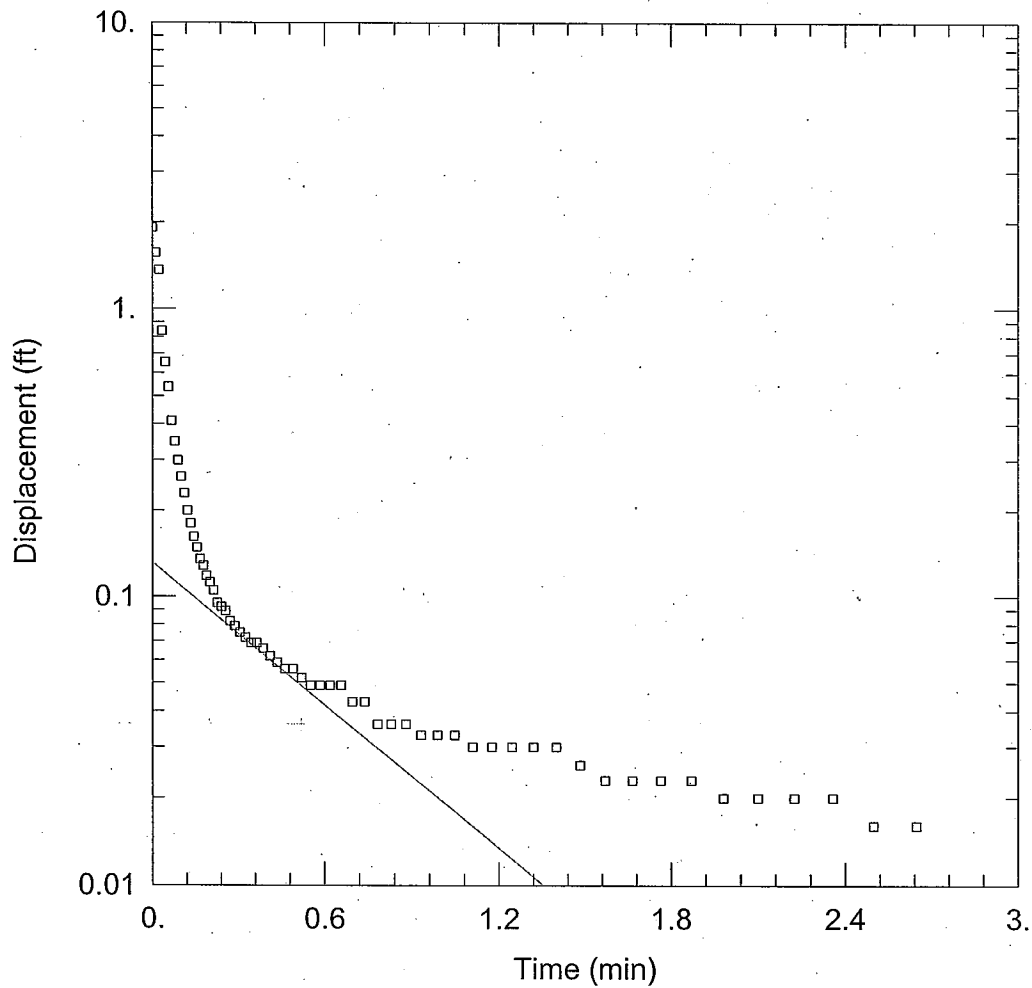
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.0005727 cm/sec

y0 = 1.133 ft



MW-12 FALLING HEAD SLUG TEST ANALYSIS

Data Set:
Date: 11/28/06

Time: 13:45:49

PROJECT INFORMATION

Company: MACTEC
 Client: NYSDEC
 Project: 3612062057
 Location: GUTERL STEEL
 Test Well: MW-12
 Test Date: 11/16/2006

AQUIFER DATA

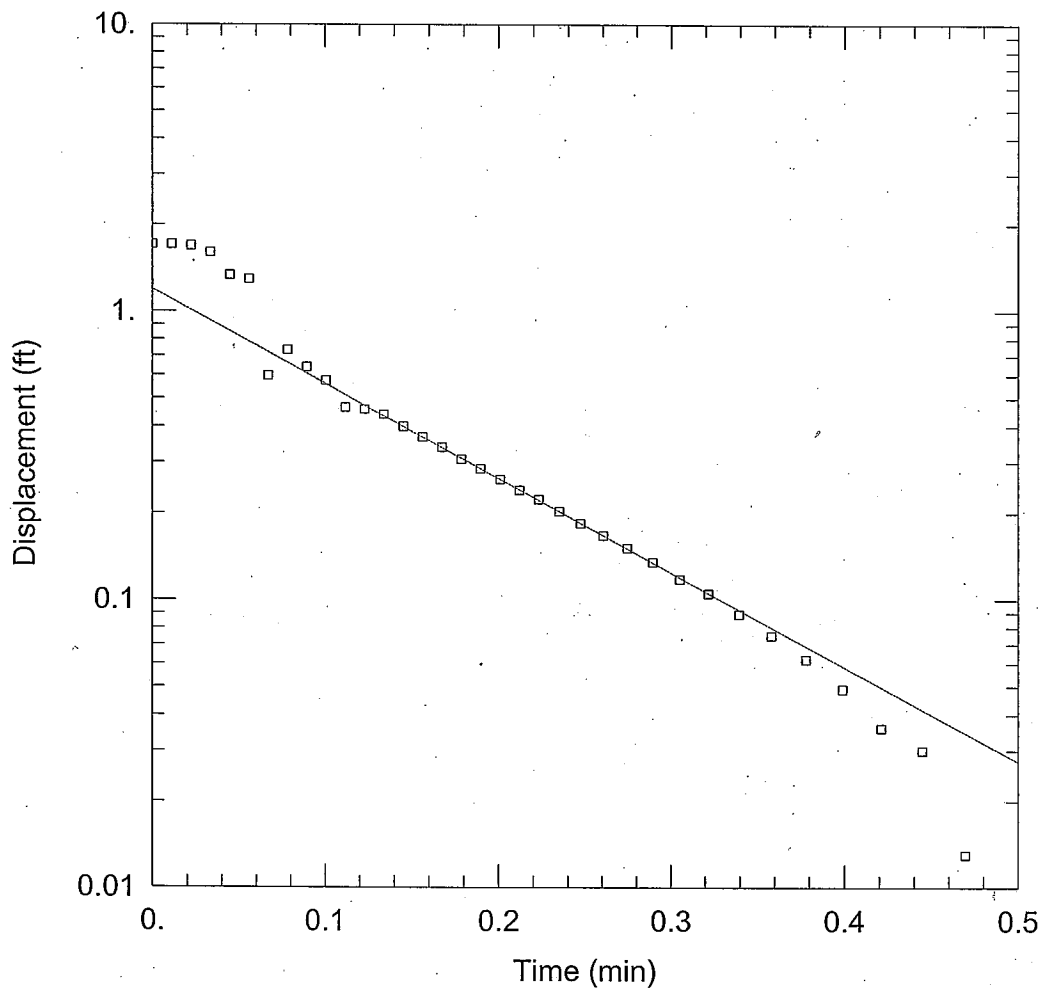
Saturated Thickness: 20 ft Anisotropy Ratio (Kz/Kr): 1

WELL DATA (MW-12)

Initial Displacement: 1.913 ft Static Water Column Height: 15.25 ft
 Total Well Penetration Depth: 15.25 ft Screen Length: 10 ft
 Casing Radius: 0.083 ft Wellbore Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
 K = 0.0008243 cm/sec y0 = 0.131 ft



MW-23 FALLING HEAD SLUG TEST ANALYSIS

Data Set:
Date: 11/28/06

Time: 14:09:24

PROJECT INFORMATION

Company: MACTEC
 Client: NYSDEC
 Project: 3612062057
 Location: GUTERL STEEL
 Test Well: MW-23
 Test Date: 11/16/2006

AQUIFER DATA

Saturated Thickness: 20 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-23)

Initial Displacement: 1.706 ft Static Water Column Height: 16.4 ft
 Total Well Penetration Depth: 16.4 ft Screen Length: 10 ft
 Casing Radius: 0.083 ft Wellbore Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
 K = 0.00335 cm/sec y₀ = 1.193 ft

APPENDIX C

EM SURVEY GRIDS AND RESULTS



JOSEPH C. LU ENGINEERING AND LAND SURVEYING, P.C.
 2230 PENFIELD ROAD PENFIELD, NEW YORK 14526
 PHONE: 585.377.1450 FAX: 585.377.1266

FIGURE 1. GEOPHYSICAL GRIDS

MACTEC - Portland, Maine
 GUTERL STEEL,
 LOCKPORT, NEW YORK

DATE: OCTOBER 2007

SCALE: 1" = 50'-0"

DESIGNED/DRAWN: GLA / DLS

MAP SOURCE

SURVEY BASEMAPPING BY LU ENGINEERS

J:\PROJECTS\36400 MACTEC\36413 GUTERL STEEL\CADD\ENV._GEOPHYSICALGRIDS.DWG, 10/5/2007 3:32:16 PM, DIANE

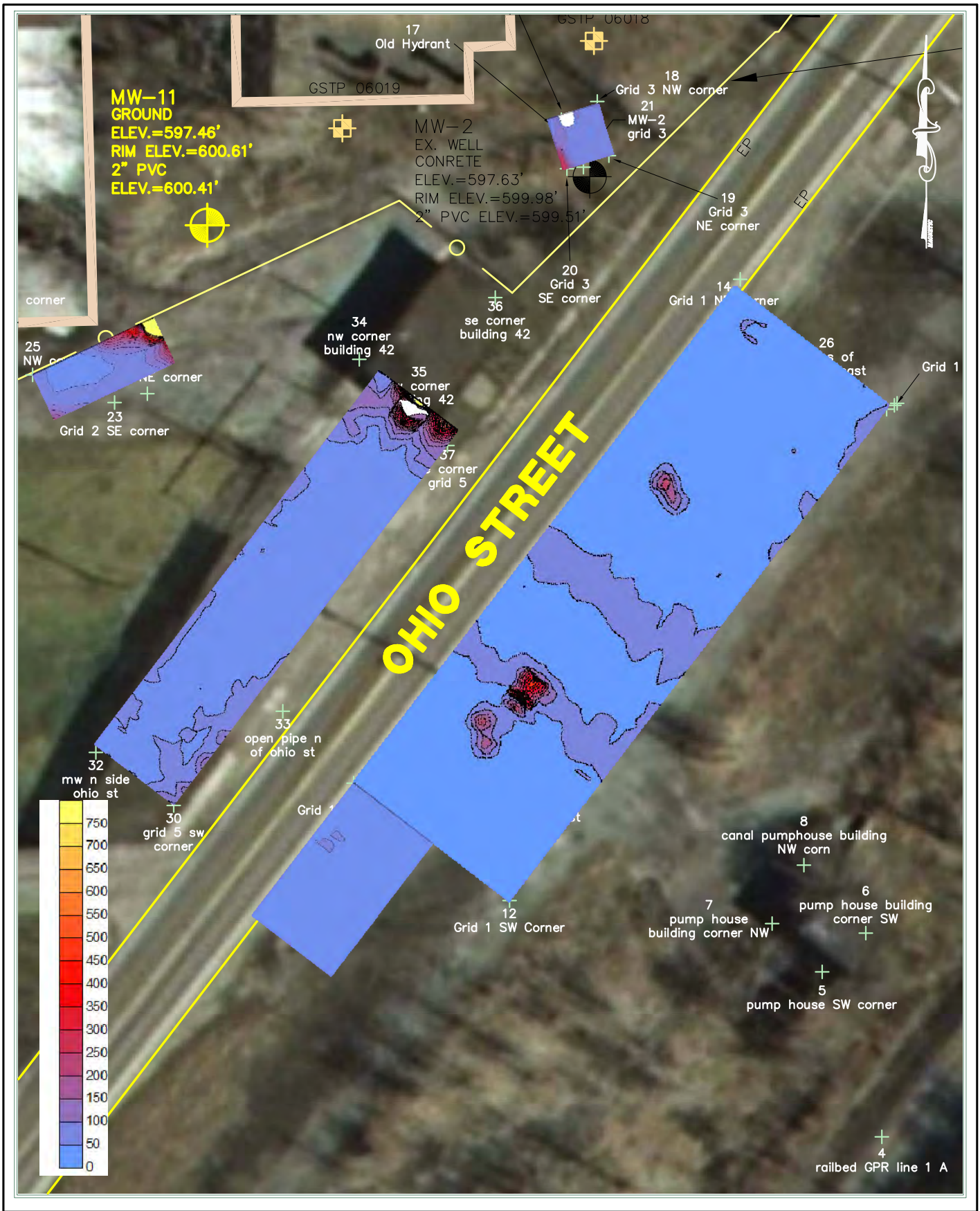


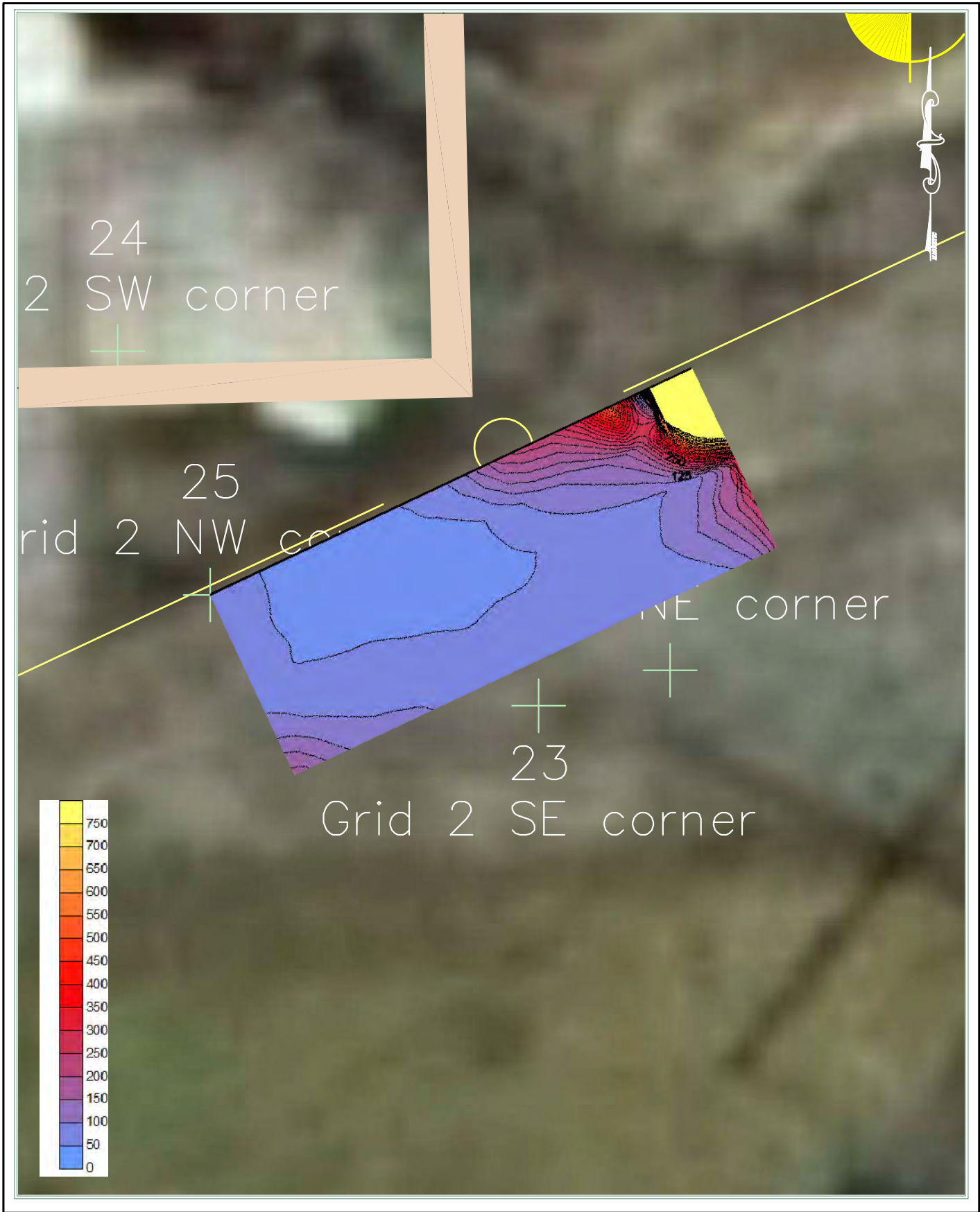
FIGURE 2.
 GEOPHYSICAL GRIDS 1, 4 & 5
 MACTEC
 GUTERL STEEL LOCKPORT, NY

DATE: OCTOBER 2007
 SCALE: 1" = 40'
 DESIGNED/DRAWN: GLA/DLS
 IMAGE SOURCE
 NEW YORK STATE DIGITAL ORTHOMAGERY PROGRAM
 GIS DATA - HIGH RESOLUTION IMAGERY
 2000-2005

LU ENGINEERS
 Civil and Environmental

JOSEPH C. LU ENGINEERING AND LAND SURVEYING, P.C.
 2230 PENFIELD ROAD PENFIELD, NEW YORK 14526
 PHONE: 585.377.1450 FAX: 585.377.1266

J:\PROJECTS\36400 MACTEC\36413 GUTERL STEEL\CADD\ENV\GEOPHYSICALGRIDS.DWG, 10/5/2007 3:33:14 PM, DIANE



JOSEPH C. LU ENGINEERING AND LAND SURVEYING, P.C.
2230 PENFIELD ROAD PENFIELD, NEW YORK 14526
PHONE: 585.377.1450 FAX: 585.377.1266

FIGURE 3.
GEOPHYSICAL GRID 2

MACTEC
GUTERL STEEL LOCKPORT, NY

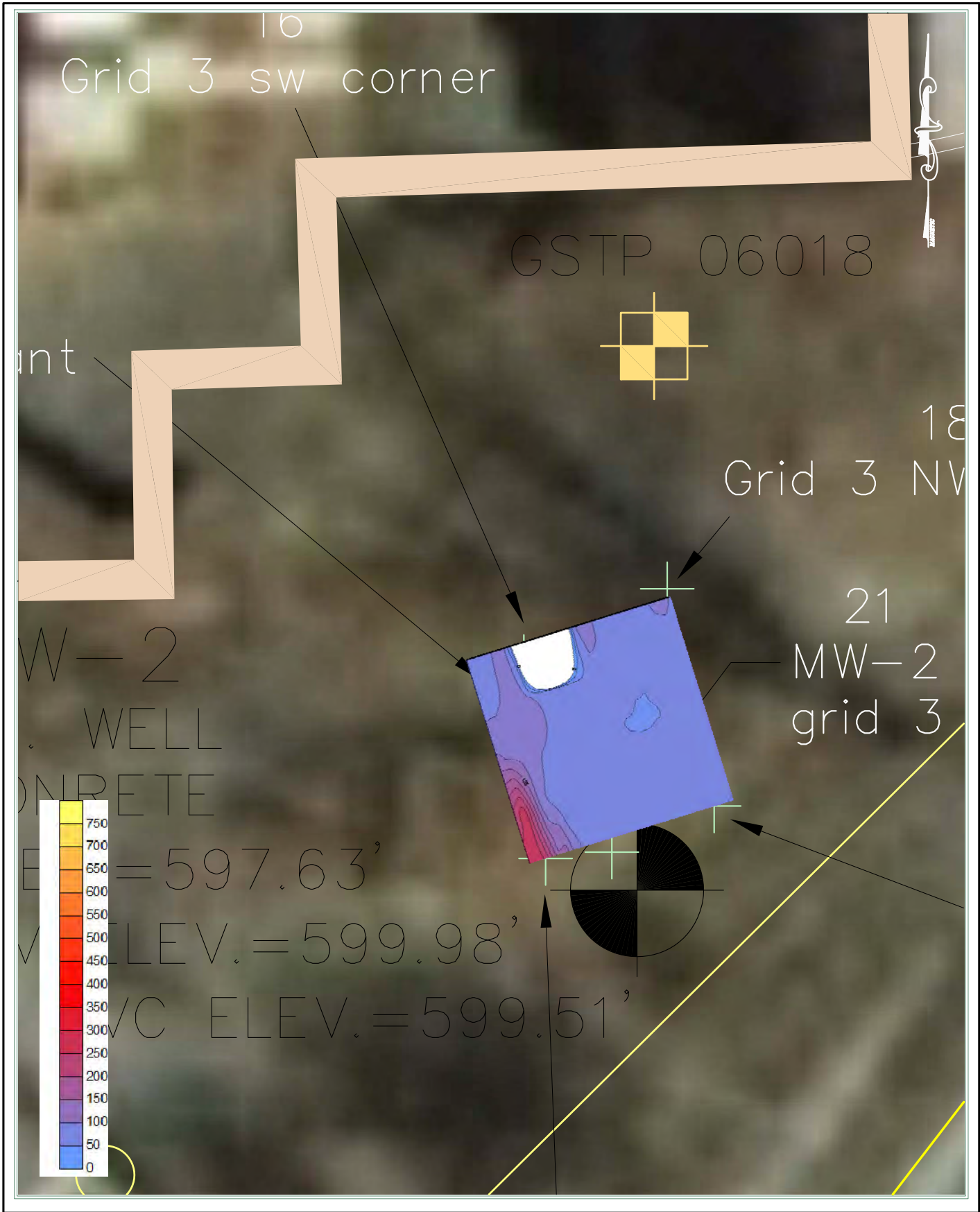
DATE: OCTOBER 2007

SCALE: 1" = 10'

DESIGNED/DRAWN: GLA/DLS

IMAGE SOURCE
NEW YORK STATE DIGITAL ORTHOMAGERY PROGRAM
GIS DATA - HIGH RESOLUTION IMAGERY
2000-2005

J:\PROJECTS\36400 MACTEC\36413 GUTERL STEEL\CADD\ENV_GEOPHYSICALGRIDS.DWG, 10/5/2007 3:34:05 PM, DIANE



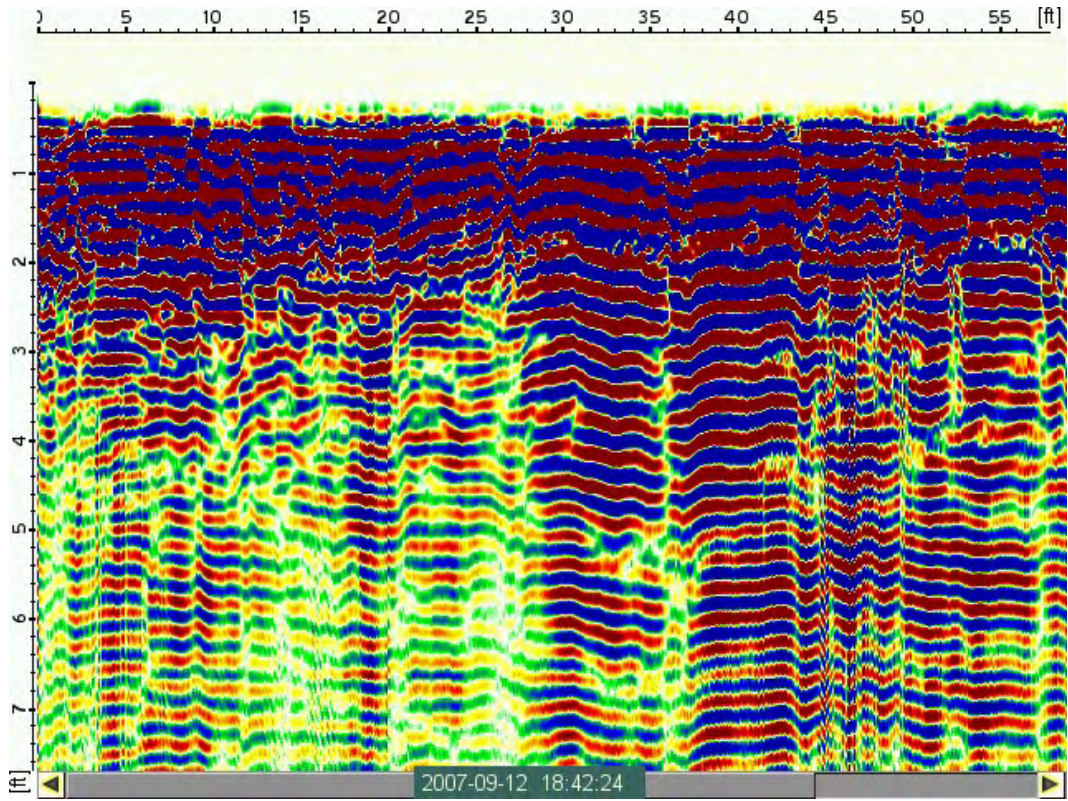
LU ENGINEERS
Civil and Environmental

JOSEPH C. LU ENGINEERING AND LAND SURVEYING, P.C.
2230 PENFIELD ROAD PENFIELD, NEW YORK 14526
PHONE: 585.377.1450 FAX: 585.377.1266

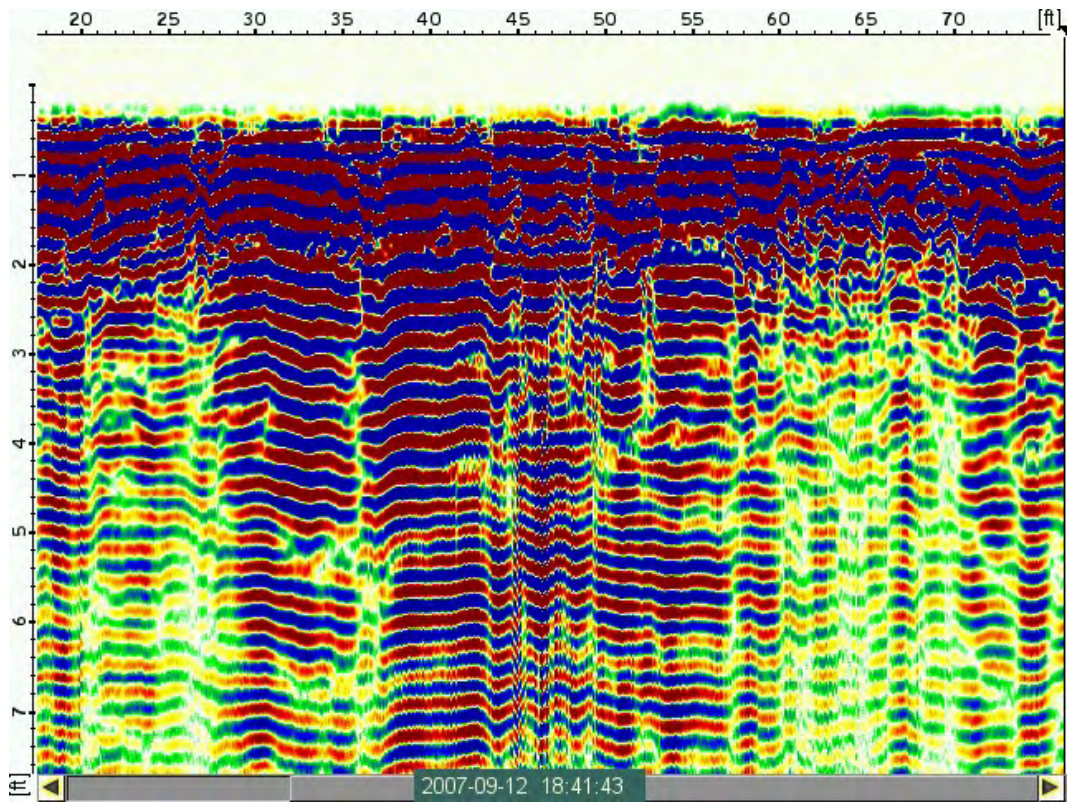
FIGURE 4.
GEOPHYSICAL GRID 3

MACTEC
GUTERL STEEL LOCKPORT, NY

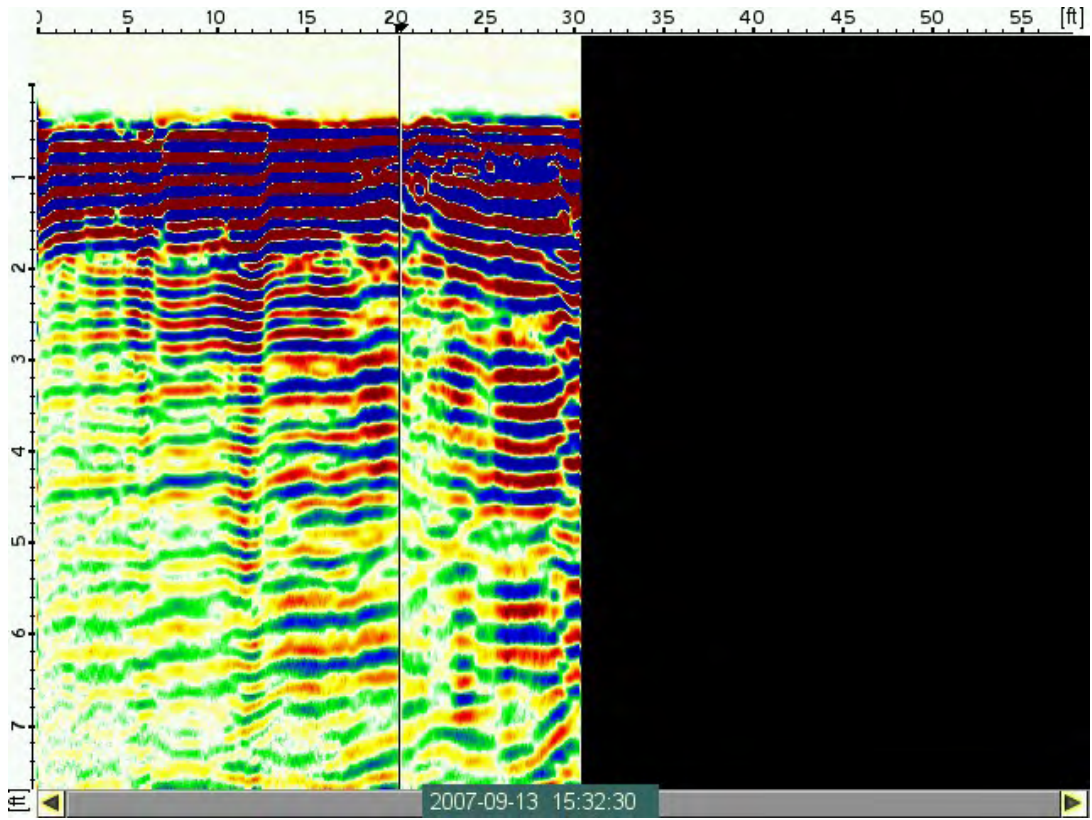
DATE:	OCTOBER 2007
SCALE:	1" = 10'
DESIGNED/DRAWN:	GLA/DLS
IMAGE SOURCE NEW YORK STATE DIGITAL ORTHOMAGERY PROGRAM GIS DATA - HIGH RESOLUTION IMAGERY 2000-2005	



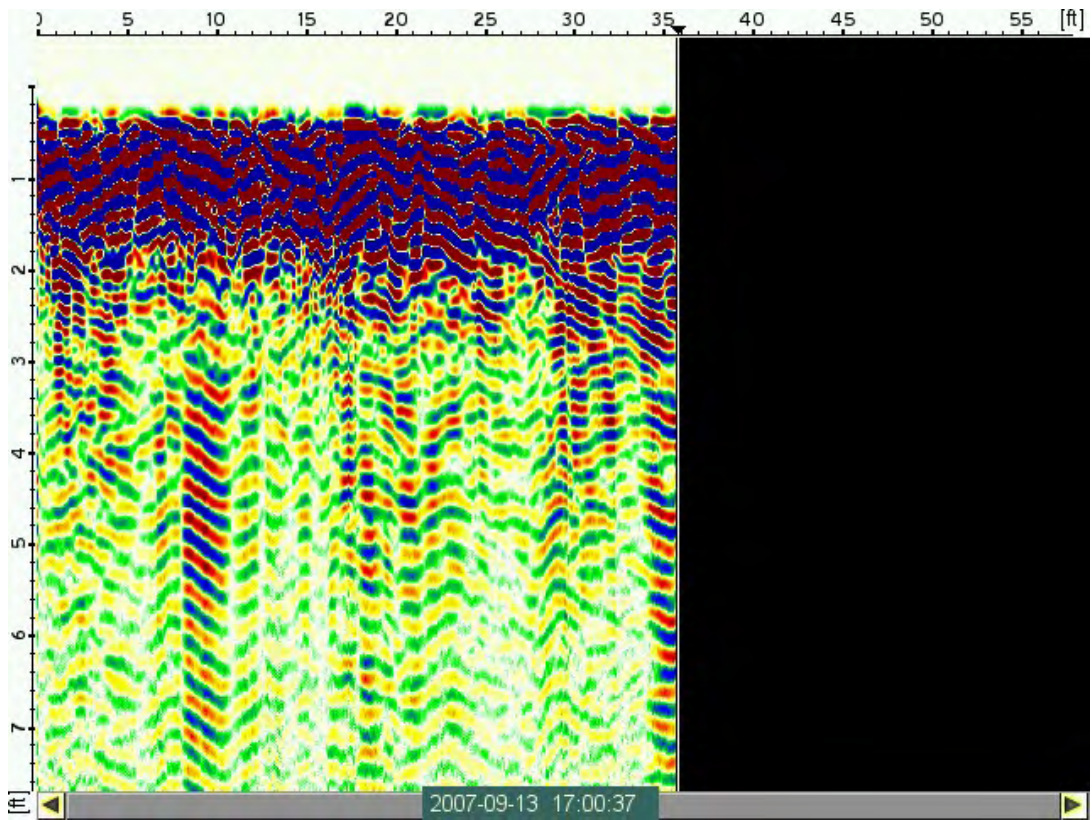
GPR Line 1 Eastern Portion



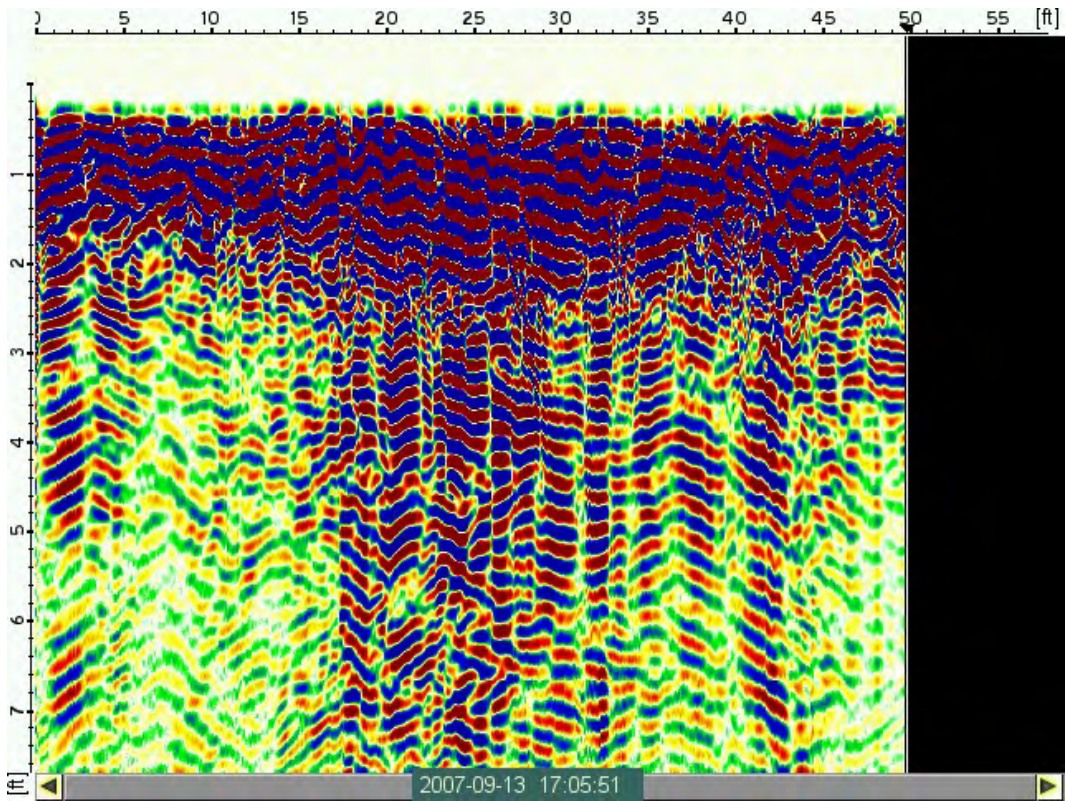
GPR Line 1 Western Portion



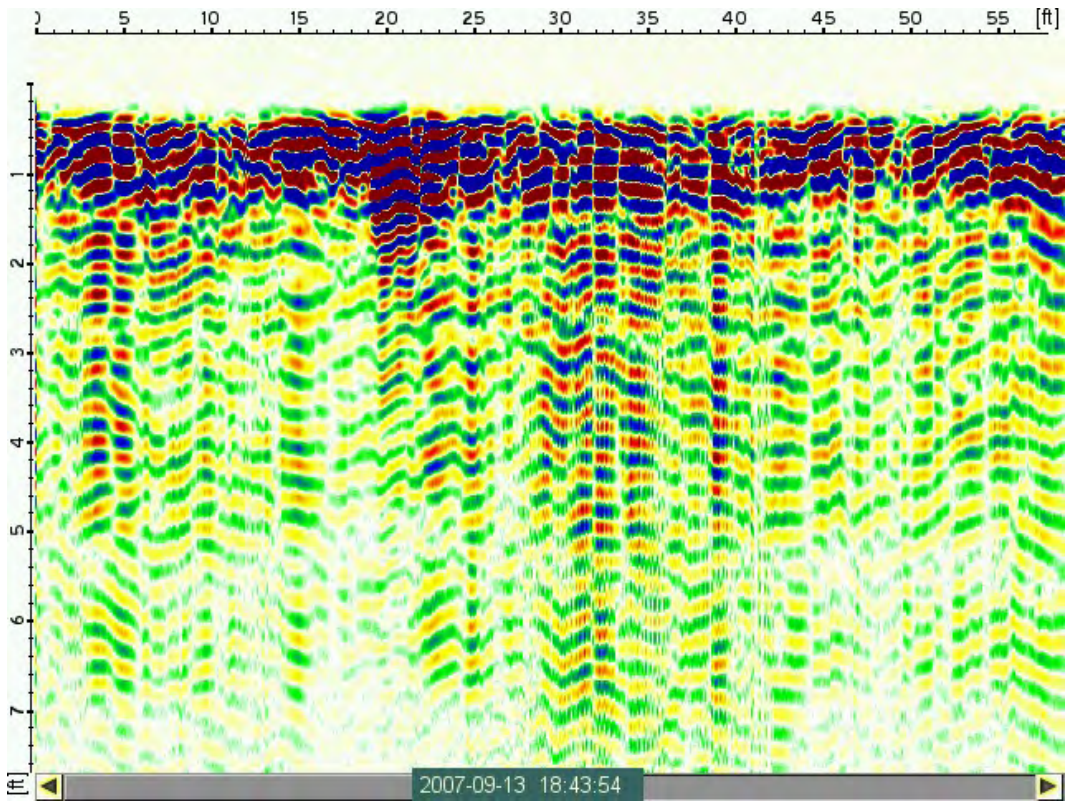
GPR Line 2 Eastern Portion Only



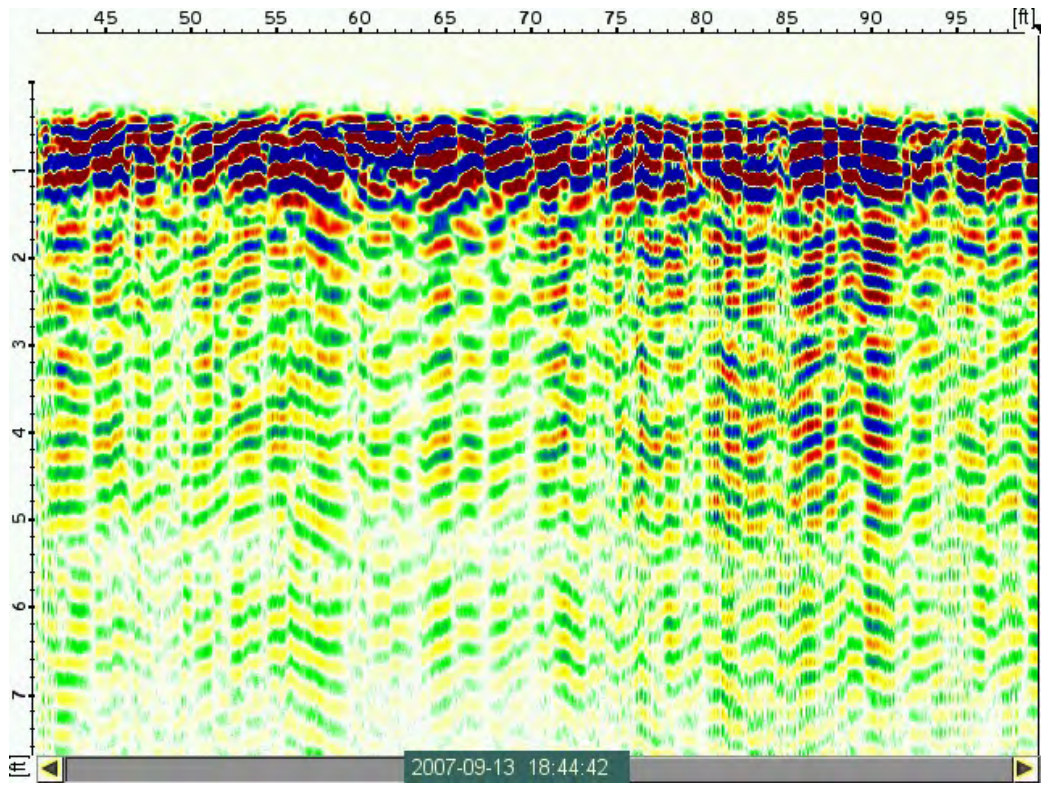
GPR Line 3 Full



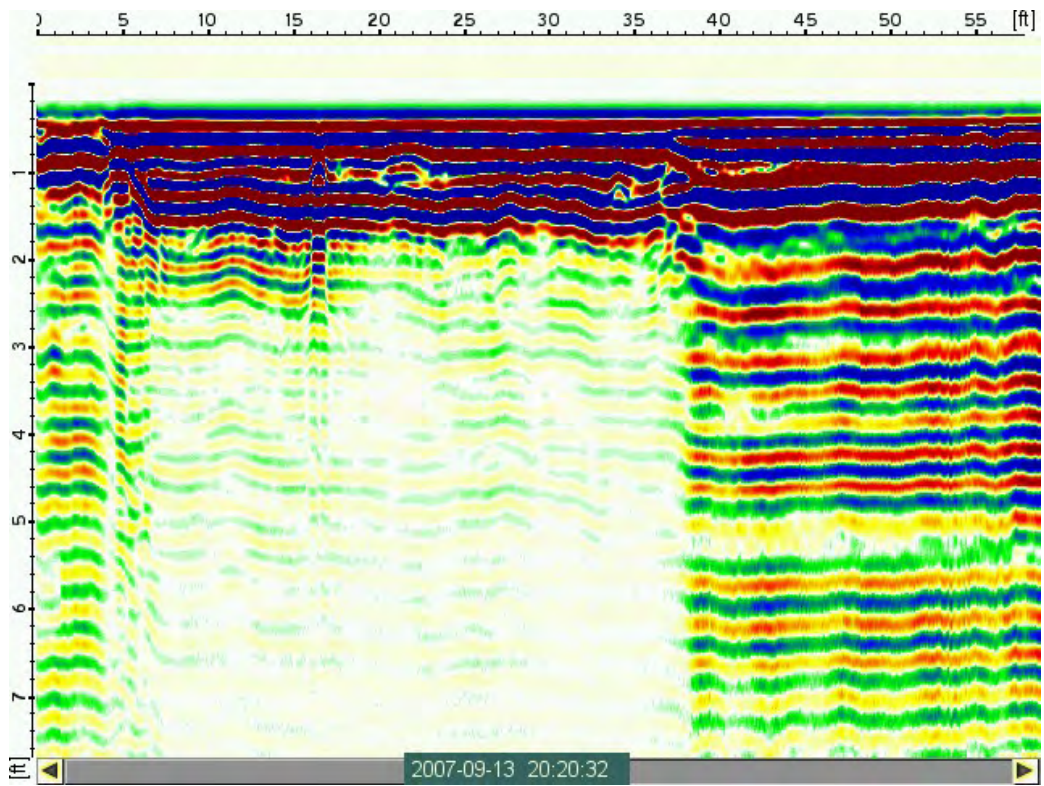
GPR Line 4 Full



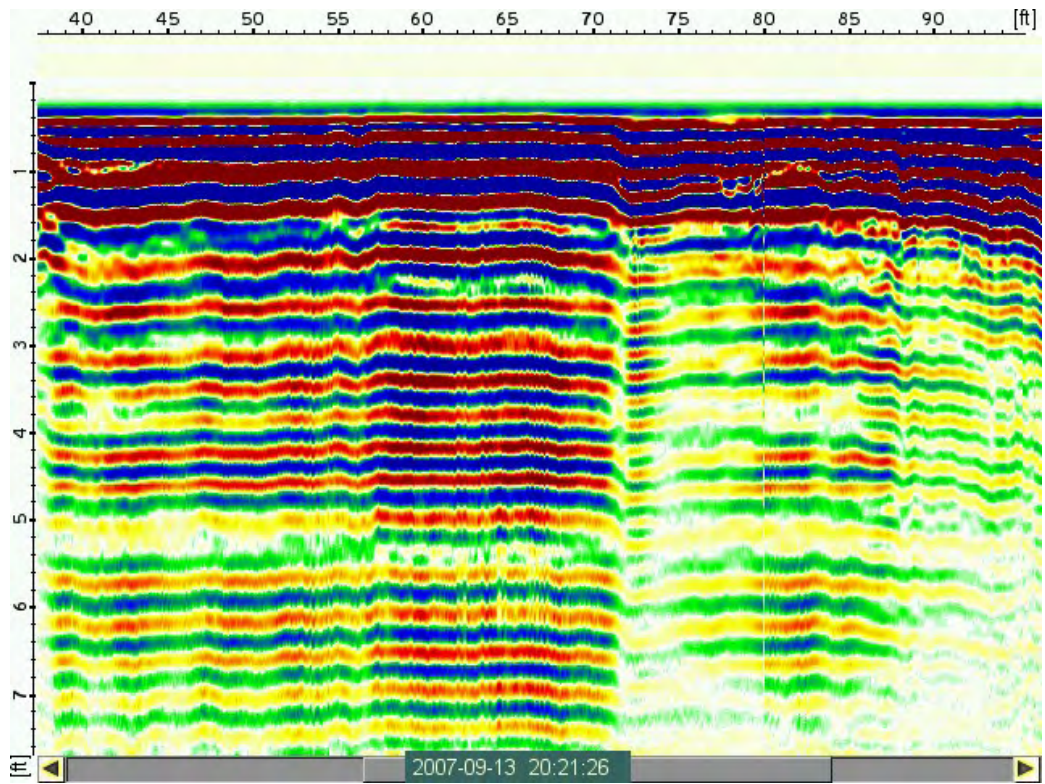
GPR Line 6 Eastern Portion



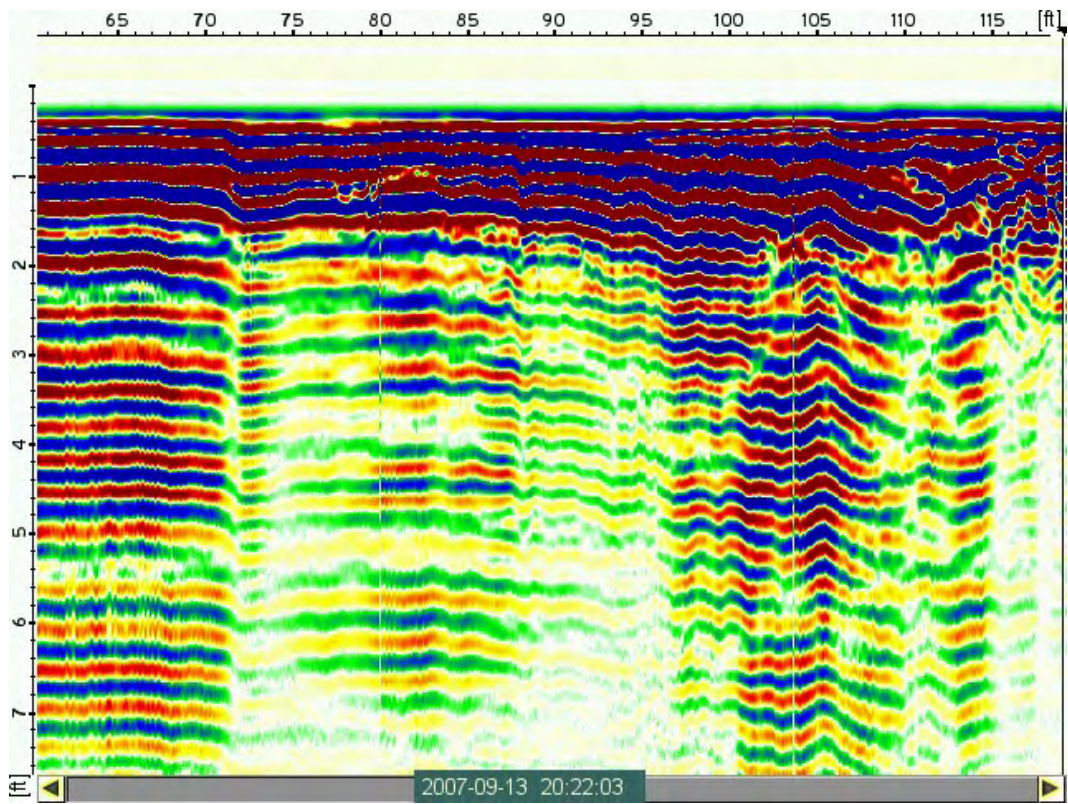
GPR Line 6 Western Portion



GPR Line 10 East



GPR Line 10 Middle



GPR Line 10 West

APPENDIX D

UNIFORM WASTE MANIFESTS

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD094174554	2. Page 1 of 1	3. Emergency Response Phone (877) 818-0087	4. Manifest Tracking Number 000072883 VES		
5. Generator's Name and Mailing Address MACTEC ENGINEERING & CONSULTING ERIC SANDIN 511 CONGRESS ST, PO BOX 7050 PORTLAND, ME 04112-7050		Generator's Site Address (if different than mailing address) 685 OHIO STREET LOCKPORT, NY 14084				Generator's Phone: 207 807-1152	
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number NJ D 0 0 0 6 3 1 3 0 9					
7. Transporter 2 Company Name <i>Freehold Cartage, Inc.</i>		U.S. EPA ID Number NJ D 0 5 4 1 2 6 1 6 4					
8. Designated Facility Name and Site Address STABLEX CANADA 760 BLVD. INDUSTRIEL		U.S. EPA ID Number NY D 0 8 0 7 5 6 4 1 5					
Facility's Phone: 450 430-9230		BLAINVILLE, PQ, CD J7C3V-4					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1 WASTE ARSENIC TRIOXIDE, 8.1, UN1581, II		No. Type	00001	P	DIU4 7
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information 1) ERG: 151 W:24444 A:STB017026PLC -J- ER Service Contracted by VESTS*NEED CERTIFICATE OF DISPOSAL *VEOLIA PERMIT#NJ410* *VEOLIA LATHAM NY ACTING AS AN INTERMEDIARY ARRANGING FOR EXPORT* *ACTUAL SITE = 1009MS* Net weight based on manifest* <i>Arrived @ veolia Latham, NY on 11/19/07</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <i>ERIC SANDIN</i>		Signature <i>[Signature]</i>		Month Day Year 11 10 07			
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. Transporter signature (for exports only): <i>Roger Wadell</i>		<input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: <i>Champlain, NY</i> Date leaving U.S.: <i>11/15/07</i>				
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name <i>MICHAEL J. FOSE</i>		Signature <i>[Signature]</i>		Month Day Year 11 08 07		
	Transporter 2 Printed/Typed Name <i>GARY WHITE</i>		Signature <i>[Signature]</i>		Month Day Year 11 09 07		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator)				Manifest Reference Number:		
	Facility's Phone:				U.S. EPA ID Number		
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <i>H132.T</i>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>FRANCE TREANIER</i>		Signature <i>[Signature]</i>		Month Day Year 11 16 07			

Land Disposal Restriction Notification Form

Generator Name GUTERL SPECIALTY STEEL CORP

EPA ID Number NYD094174554

Manifest 000072883VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: YL-0855047000-001 (1/ 1)

WIP / Approval Code: 024444 / STE017026PLC
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D004
Constituents (F001 - F005): None
UHCs Present: None
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

X Signature [Handwritten Signature]
Title MANAGER, PROJECT MGR. Date 11/18/07

VEOLIA WASTE MOVING SLIP
 ENVIRONMENTAL SERVICES
 Manifest Order

11/8/2007
 DATE ACCUMULATED

11/8/2007
 DATE SHIPPED

GEN DRUM ID

YL 0855047000 001
 CONTAINER #

GUTERL SPECIALTY STEEL CORP
 695 OHIO STREET
 LOCKPORT, NY 14094
 EPA # NYD094174554 GEN # 546354
 GENERATOR - ADDRESS EPA #

WASTE ARSENIC TRIOXIDE, 6.1, UN1561, II
 DOT PROPER SHIPPING NAME

000072883VES 1 1 STB017026PLC 24444
 MANIFEST PG / LINE WASTE AREA DISPOSAL CODE W.I.P. #
 S/E ERG:151 W:2444 01 E / D004, B 051G DF 0.68 cf
 A:STB017026PLC
 ADDITIONAL DESCRIPTION COMMON DRUMS EPA CODE CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
1	100 gm			ARSENIC TRIOXIDE (100%)		D004 B

SIC SOURCE FORM SYSTEM PCB # PCB DQS Date
 8990 G11 W310 H111

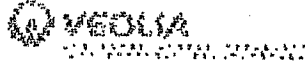
TOTAL WEIGHT 1 P

VEOLIA-TON, NY
 TECHNICAL SUPERVISOR

PAGE 1 OF 1



Veolia ES Technical Solutions, L.L.C.



STB017076PLC

WASTESTREAM INFORMATION

- Recertification
- ONYX LOCATION
- Invoice Address
- Manifest from - blank if direct

4400 RIVER ROAD, TONAWANDA NY 14150
 ADDRESS CITY ST

Disposal Code
 NYE056

ONYX TSDF requested _____ Technology requested _____ Generator No. 546351 Generator EPA ID NYD094174554

1. Generator Name GUTERL SPECIALTY STEEL CORP Generator State # _____
 Address 896 OHIO STREET State Wastestream # _____
 City LOCKPORT State NY Country US Zip 14094
 SIC Code 8999 1st NAICS Code _____ 2nd NAICS Code _____ 3rd NAICS Code _____
 Source G11 Origin / Form W319 System Type HOYO

2. Waste Name ARSENIC TRIOXIDE Lab or Waste _____

3. Process Generating Arsenic Trioxide/product

4. Shipping Name ARSENIC TRIOXIDE

Hazard Class B.1 UNNA Number UN1581 Pkg Grp II Sub Hcls _____ RQ Amt (lbs.) 0

RQ Desc: | 1. | 2.

DOT Desc: | 1. | 2.

5. Waste Codes D004

Wastewater (Y/N) N Sub-Category _____

6. Physical and chemical

pH Lo <u>0</u>	Specific Gravity Lo <u>0</u>	Flash Point (F) Lo <u>0</u>	Water Solubility Lo <u>0</u>	BTU/lb Lo <u>0</u>
pH Hi <u>0</u>	Specific Gravity Hi <u>0</u>	Flash Point (F) Hi <u>0</u>	Water Solubility Hi <u>0</u>	BTU/lb Hi <u>0</u>

Solids:

Suspended Lo <u>0</u>	Settleable (%) Lo <u>0</u>	Dissolved (%) Lo <u>0</u>	% Ash Lo <u>0</u>	Free Liquid (%) Lo <u>0</u>
Suspended Hi <u>0</u>	Settleable (%) Hi <u>0</u>	Dissolved (%) Hi <u>0</u>	% Ash Hi <u>0</u>	Free Liquid (%) Hi <u>0</u>

Physical State:	Hazardous	Layer <u>C - Single-Phase</u>
Physical State 1 <u>S - solid</u>	Haz. Char. 1 _____	Top <u>D - solid</u>
Physical State 2 _____	Haz. Char. 2 _____	Middle _____
Physical State 3 _____	Haz. Char. 3 _____	Bottom _____

Halogens:				Color 1 <u>VAR</u>
Bromine (%) Lo _____	Chlorine (%) Lo _____	Fluorine (%) Lo _____	Iodine (%) Lo _____	Color 2 _____
Bromine (%) Hi _____	Chlorine (%) Hi _____	Fluorine (%) Hi _____	Iodine (%) Hi _____	Intensity _____

Odor Intensity A - none Contains Used Oil? _____ HOC < 1000 ppm _____ HOC > 1000 ppm _____

Description _____

7. Chemical Composition:



ARSENIC TRIOXIDE

Low	High	%PPM/PPE
100	100	%

Other

Yes/N

- 8. Is the wastestream being imported into the USA? No PCB
- 9. Does the wastestream contain PCBs regulated by 40 CFR? No concentration: 0.00 PPM
- 10. Is the wastestream subject to the Marine Pollutant Regulations? No Benzene
- 11. Is the wastestream subject to Benzene NESHAP? No concentration: 0.00 PPM
- If Yes, is the wastestream subject to Notification and Control Reqs? Vol. Org.
- 12. Is the wastestream subject to RCRA subpart CC controls? No Cone., if known: 0.00 PPMW
- CC approved analytical method? General Knowledge?
- 13. Is the wastestream from a CERCLA or state mandated cleanup? No

14. Container Information (Identify UN container marking if

Packaging: Bulk Type/Size _____ Bulk Liquid: Type/Size _____ Drum: Type/Size 55 GAL

Other: _____

Shipping Frequency: Units 1-2 Per Month _____ Quarter _____ Year One Time _____ Other _____

15. Additional Information:

Is analytical or an MSDS available that describes the waste? Yes _____ No _____ If Yes, please attach.

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

<p><u>PAUL SANDIN</u> NAME (Print or Type)</p> <p><u>[Signature]</u> SIGNATURE</p>	<p><u>207 775 5401</u> PHONE</p> <p><u>MANTEL, PRES. MGR.</u> TITLE</p>	<p><u>11/5/07</u> DATE</p>
--------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------	--------------------------------

FACILITY

If approved for management, Veolia has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED? No DESCRIBE: _____

Activity Report

JOB NO: 0855047000
BILL DOC NO YL70100704
GENERATOR NO 546351

WO NO: 0855047000
EPA ID: NYD094174554

BILL TO: MACTEC, INC.
ATTN: AP DEPARTMENT, SUITE 300
1104 SANCTUARY PARKWAY
ALPHARETTA, GA 30004
(270) 360-0600

JOB SITE: GUTERL SPECIALTY STEEL CORP
695 OHIO STREET
LOCKPORT, NY 14094
(207) 807-1152

CONTACT: CHUCK STAPLES

CONTACT: ERIC SANDIN/MACTEC

MANIFEST NUMBER(S):
000072883VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
200704617		11/08/2007	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PC/LN	WASTE AREA
Manifest # 000072883VES MIP 24444 / Approval STB017026PLC ARSENIC TRIOXIDE TOT WT=3LBS	1	051G-DF	1	P	1 / 1	
Mtrl. - 051G - 5 GAL FIBER DRUM		679	1	EACH		

Total Hours: 0
of Containers: 1
Total Pounds: 1

Comments:

By: 

for NYSDEC

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

7235H

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD004174554	2. Page 1 of 13	3. Emergency Response Phone 8877818-0087	4. Manifest Tracking Number 000072882 VES		
5. Generator's Name and Mailing Address MACTEC ENGINEERING & CONSULTING ERIC SANDIN 30 CONGRESS ST, PO BOX 7080 PORTLAND, ME 04112-7080			Generator's Site Address (if different than mailing address) SPECIALTY STEEL CORP 658 OHIO STREET LOCKPORT, NY 14094				
Generator's Phone: 207 807-1152							
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number NJ0080631369			
7. Transporter 2 Company Name Hazard Environmental Group Inc				U.S. EPA ID Number NYD980769947			
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS 7 MOBILE AVENUE				U.S. EPA ID Number ILD088642424			
Facility's Phone: 618 271-2804 SAUGET, IL 62201-1059							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit. Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. WASTE AMMONIUM PERSULFATE, 5.1, UN1444, III	001	DF	00001	P	D001	
X	2. OXIDIZING SOLID, n.o.s., 5.1, UN1478, III	001	DF	00001	P	NONE	
X	3. WASTE SODIUM CYANIDE, SOLID, 6.1, UN1688, I	001	DF	00001	P	D003	B
X	4. TOXIC SOLID, INORGANIC, n.o.s., 6.1, UN3288, II	001	DF	00001	P	NONE	
14. Special Handling Instructions and Additional Information 1) ERG: 140 W:24443 A:TW024443 2) ERG: 140 W:24443 A:TW024443 3) ERG: 167 W:24443 A:TW024443 4) ERG: 151 W:24443 A:TW024443 - ER Service Contracted by VESTS**NEED CERTIFICATE OF DISPOSAL** **VEOLIA PERMIT: NJ410**							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name ERIC SANDIN, MACTEC				Signature 		Month Day Year 11 10 07	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name MICHAEL FOSE				Signature 		Month Day Year 11 08 07	
Transporter 2 Printed/Typed Name WILLIAM SINCLAIR				Signature 		Month Day Year 11 09 07	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H040		2. H040		3. H040		4. H040	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Mimi Mueg				Signature 		Month Day Year 11 10 07	

317404

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYD08417455A	22. Page 2 of 2	23. Manifest Tracking Number 000072802YES		
24. Generator's Name GUTERL SPECIALTY STEEL CORP						
25. Transporter <u>4</u> Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number NJ0000631389		
26. Transporter <u>3</u> Company Name VEOLIA ES Technical Solutions				U.S. EPA ID Number NJ0000631369		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
X	5. TOXIC SOLID, INORGANIC, n.o.s., 6.1, UN3288, III	001	DM	00043	P	NONE B
X	6. WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (HYDROCHLORIC ACID), 8, UN3264, II	001	DF	00027	P	D002 B
X	7. CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., 8, UN3264, III	001	DF	00001	P	NONE B
X	8. CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., 8, UN3266, III	001	DF	00005	P	NONE B
32. Special Handling Instructions and Additional Information 5) ERG:151 W:24501 A:TWM024601 6) ERG:154 W:24601 A:TWM024601 7) ERG:154 W:24443 A:TWM024443 8) ERG:154 W:24443 A:TWM024443 5+6) 317406 7+8) 317404						
33. Transporter <u>4</u> Acknowledgment of Receipt of Materials Printed/Typed Name: MICHAEL J. JOSE Signature: [Signature] Month: 11 Day: 08 Year: 07						
34. Transporter <u>5</u> Acknowledgment of Receipt of Materials Printed/Typed Name: LINDA L. JARVIS Signature: [Signature] Month: 11 Day: 13 Year: 07						
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 6. H040 7. H040 8. H040						

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYD 094174554	22. Page of 3	23. Manifest Tracking Number 000070882VES					
24. Generator's Name Mactec Engineering & Consulting									
25. Transporter <u>4</u> Company Name Schibir Trucking				U.S. EPA ID Number ILD006193191					
26. Transporter _____ Company Name				U.S. EPA ID Number					
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
			No.	Type					
32. Special Handling Instructions and Additional Information									
TRANSPORTER	33. Transporter <u>4</u> Acknowledgment of Receipt of Materials								
	Printed/Typed Name Kicker Row				Signature Red Row		Month Day Year 11/15/07		
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials								
	Printed/Typed Name				Signature		Month Day Year		
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									



Land Disposal Restriction Certification Form - Exempt Lab Pack

Generator Name GUTERL SPECIALTY STEEL CORP

EPA ID Number NYD094174854

Manifest 000072882VES

This notice is being provided in accordance with 40 CFR 268.7(a)(9) to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. This shipment contains lab packs that do not carry waste codes listed in 40 CFR part 268 Appendix IV. The method of treatment for these wastes is incineration. The container numbers corresponding to the individual lab packs are listed below along with the associated hazardous waste codes.

Container Number: YL-0871058000-001 (1/ 3)

Waste Codes: D003, F106

Container Number: YL-0871058000-003 (2/ 6)

Waste Codes: D002

Container Number: YL-0871058000-009 (1/ 1)

Waste Codes: D001

Phase II Certification: I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any of the waste identified under 40 CFR part 268 Appendix IV. I am aware that there are significant penalties for submitting false certifications, including the possibility of fine or imprisonment.

Phase IV Certification: I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under Appendix IV to 40 CFR part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

X Signature [Handwritten Signature]

Title MACTER, ROBERT W. G. A.

Date 11/8/07

000072882VES

Generator ID	Generator Name	EPA ID	GEN DOC NUM	DATE SHIPPED	Manifest ID	Manifest Description	Approved #	Material Code	Container Type	Quantity	Drum ID	Drum #	PSI Container Number	OCISB
1	2443 AMMONIUM PERSULFATE	SA	TW02443	1X2 GAL	1									
1	2443 CHLORINE SOLID, I.O.S.	SA	TW02443	1X2 GAL	2									
1	2443 SODIUM CYANIDE, SOLID	SA	TW02443	1X2 GAL	3									
1	2443 TOXIC SOLID, INORGANIC, I.O.S.	SA	TW02443	1X2 GAL	4									
2	2401 TOXIC SOLID, INORGANIC, I.O.S.	SA	TW02401	1X200 GAL	5									
2	2401 CORROSIVE LIQUID, ACIDIC, INORGANIC, I.O.S.	LC	TW02401	1X11 GAL	6									
2	2443 CORROSIVE LIQUID, ACIDIC, INORGANIC, I.O.S.	LC	TW02443	1X2 GAL	7									
2	2443 CORROSIVE LIQUID, BASIC, INORGANIC, I.O.S.	LC	TW02443	1X2 GAL	8									

Unknown Fingerprint Analysis Report (for standard unknowns protocol)

Date: 11/08/07
 Generator: Grater Specialty Steel Corp
 Address: 635 Ohio St, Lockport, NY 14094
 Contact: Eric Sandin
 Phone#: 207-907-1152
 EPA ID#: NYD094174554
 Profile #: _____

Drum #	Container Type

page 1 of 2

Job/Worksheet# _____
 Name of Tester (initials) TK, MF

Unknown ID#	Physical Description	Liquid / Solid L or S	Rad Screen P or N	Air React P or N	Flam. Pot. P or N	Water Sol. S or N	Water Reactive P or N	PH Value	Cyanide Screen P or N	Sulfide Screen P or N	Oxide Screen P or N	Perox. Screen P or N	Exp. Screen A, B, C or neg	Haz Class #	Drum #
1	Clear thin	L	N	N	N	N	N	12	-	-	-	N	N	81A	#7
2	Reddle thin	L	N	N	N	S	N	6.7	N	N	N	N	N	N/A	#5
3	Clear thin	L	N	N	N	S	N	13	N	N	N	N	N	81B	#6
4	Clear thin	S	N	N	N	S	N	8	N	N	N	N	N	N/A	#5
5	White powder	S	N	N	-	S	N	4	N	N	N	N	N	N/A	#5
6	White crystal	S	N	N	-	S	N	7	N	N	N	N	N	N/A	#5
7	White powder	S	N	N	-	S	N	-	N	N	N	N	N	N/A	#5
8	Blackish crystals	S	N	N	-	N	N	-	N	N	PP	N	N	OX(SF)118	#8
9	White crystal	S	N	N	-	N	N	-	N	N	N	N	N	N/A	#5
10	white/brn powder	S	N	N	-	N	N	-	N	N	N	N	N	N/A	#5
11	white powder/Liquid S/L	S/L	N	N	AK	S	N	7	N	N	N	N	N	N/A	#5
12	White powder	S	N	N	-	S	N	13	N	N	N	N	N	81B	#6
17	White crystals	S	N	N	-	N	N	8	N	N	N	N	N	N/A	#5
14	White crystals	S	N	N	-	S	N	7	N	N	N	N	N	N/A	#5

NOTE: Answer to question #9B on the Unknown Fingerprint Analysis Questionnaire must be "NO".

Comments: _____

Unknown Fingerprint Analysis Report (for standard unknowns protocol)

Date: 11/08/07
 Generator: see page 1
 Address:
 Contact:
 Phone#:
 EPA ID#:
 Profile #:

Drum #	Container Type

page 2 of 2

Unknown ID#	Physical Description	Liquid / Solid L or S	Rad Screen P or N	Air React P or N	Flam. Pot. P or N	Water Sol. S or N	Water Reactive P or N	PH Value	Cyanide Screen P or N	Sulfide Screen P or N	Oxide Screen P or N	Peroxy. Screen P or N	Exp. Screen A, B, C or neg	Haz Class #	Drum #	Job/Worksheet#	Name of Tester (initials)
																SK	MF
15	White Crystals	S	N	N	-	S	N	8	N	N	N	N	N	N/A	#5		
16		S	N	N	-	S	N	7	N	N	N	N	N	N/A	#5		
17		S	N	N	-	S	N	7	N	N	N	N	N	N/A	#5		
18		S	N	N	N	S	N	7	N	N	N	N	N	N/A	#5		
19	Liquid	S	N	N	N	S	N	8	N	N	N	N	N	N/A	#5		
20		S	N	N	-	S	N	10	N	N	N	N	N	N/A	#5		
21		S	N	N	-	S	N	10	N	N	N	N	N	N/A	#5		
22		S	N	N	-	S	N	8	N	N	N	N	N	N/A	#5		
23		S	N	N	-	S	N	11	N	N	N	N	N	N/A	#5		
24		S	N	N	-	S	N	11	N	N	N	N	N	N/A	#5		

NOTE: Answer to question #9B on the Unknown Fingerprint Analysis Questionnaire must be "NO".

Comments:

Unknown Fingerprint Analysis Questionnaire

1. Who is the original generator of the unknowns? (The name of a broker is unacceptable)
Gaterl Specialty Steel Corp

2. What is the nature of the generator's current business? (Circle any that apply)

- | | |
|---------------------------------------------------------------------------------------|-----------------------------------------|
| Explosive manufacturing | agricultural or fertilizer business |
| University lab | hospital lab |
| Pharmaceutical research (list type below) | research lab/genetic research |
| Petrochemicals | blowing agents/plastic research/mfg. |
| Chemical manufacturing (list type below) | organic peroxide mfg. (list type below) |
| Select agent or Pathogenic agent research or processing (see attached list of agents) | |
- Other: FORMER STEEL MILL
List any specific types: _____

3. In the past has the property ever been involved in the businesses listed above? ! yes no
If yes, which one? NA

4. Approximately how old is the material? > 25 years (abandoned since 1982)
How long has the generator been at this location? ca: 1910

5. Has the material been exposed to: (circle any that apply)

- | | | |
|----------------------------------------------------------|----------|---------------|
| <input checked="" type="checkbox"/> temperature extremes | humidity | refrigeration |
| air | water | other(list) |
- other: material has been sitting on lab table since 1982

6. Has the generator noticed any changes to the material? ! yes no
(Circle any that apply)

- | | |
|-------------------------------|---------------------------------|
| cloudy | crystals forming |
| color change (list specifics) | density change (list specifics) |
| other (list) | |

7. Could the material be inorganic mercury or contain free mercury? ! yes no
not likely based on material labelling and appearance

8. Does the generator know what chemical family or class the material might be? ! yes no
(i.e., organic peroxide, pesticide)
If yes, some material is unlabelled

9a. Did the generator ever handle or use Select Agents or Pathogenic Agents? ! yes no
(see attached list of Select Agents and Pathogenic Agents)

9b. Is there a possibility of the unknown materials being Select Agents or Pathogenic Agents? !
yes no (if no, follow standard unknowns protocol; if yes, follow potential select/pathogenic agent unknowns protocol)

10. List any other information that the generator has about the material.

This is to certify that the listing is an accurate description of the unknowns and that it contains no pressurized, pyrophoric, pathological, radioactive, explosive or shock sensitive material.

Signature: [Signature] MALTEL Date: 11/08/07
Generator of Unknowns
signing as representative for NY SDEC

Each container must be fingerprinted and the results of each fingerprint must correspond to a container identifier. The container identifier must appear and be legible on each container. The person doing the fingerprint must certify the fingerprint. The type of container must be listed on the fingerprint.

VEOLIA WASTEWATER TREATMENT SERVICES
WASTEWATER TREATMENT SERVICES
 Manifest Order

11/8/2007 DATE ACCUMULATED 11/8/2007 DATE SHIPPED YL 0571058000 009 GEN DRUM ID CONTAINER #

GUTERL SPECIALTY STEEL CORP
695 OHIO STREET

LOCKPORT, NY 14094
EPA # NYD094174554 GEN # 548351
 GENERATOR - ADDRESS EPA #

WASTE AMMONIUM PERSULFATE, 5.1, UN1414, III

 DOT PROPER SHIPPING NAME

000072882VES MANIFEST 1 1 PG / LINE TW024443 WASTE AREA 24443 DISPOSAL CODE 24443 W.I.P. #
 SI ERG:140 W:24443 01 I / D001, B 021H2 DF 0.28 cf
 A:TW024443 COMMON DRUMS EPA CODE CONTAINER TYPE
 ADDITIONAL DESCRIPTION

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
2	250 gm	GLASS		AMMONIUM PERSULFATE		D001 B

ELP SIC 8999 SOURCE G11 FORM W001 SYSTEM H040 PCB # PCB D09 Date

TOTAL WEIGHT 1 P VEOLIA-TOM, NY PAGE 1 OF 2
 TECHNICAL SUPERVISOR

VEOLIA PACKING SLIP
 ENVIRONMENTAL SERVICES
 Manifest Order

11/8/2007 DATE ACCUMULATED 11/8/2007 DATE SHIPPED YL 0871058000 008 GEN DRUM ID CONTAINER #

GUTERL SPECIALTY STEEL CORP
 605 OHIO STREET
 LOCKPORT, NY 14094
 EPA # NYD094174654 GEN # 546351
 GENERATOR - ADDRESS EPA #

OXIDIZING SOLID, n.o.s., 5.1, UN1479, III
 DOT PROPER SHIPPING NAME

000072062VES MANIFEST 1 2 PG / LINE TW024443 WASTE AREA 24443 DISPOSAL CODE 24443 W.I.P. #
 SI-ERG:140 W:24443 01 - / NONE, B 021H2 DF 0.28 cf
 A:TW024443 COMMON DRUMS EPA CODE CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
1	500 gm	GLASS		UNKNOWN/OXIDIZING SOLID **SEE UNKNOWN SHEET**		NONE B

ELP SIC 8999 SOURCE G11 FORM W001 SYSTEM H040 PCB # PCB COS Date

TOTAL WEIGHT 1 P

VEOLIA-TON, NY PAGE 2 OF 6
 TECHNICAL SUPERVISOR

11/18/2007

11/18/2007

YL 0871058000 001

DATE ACCUMULATED

DATE SHIPPED

GEN DRUM ID

CONTAINER #

GUTERL SPECIALTY STEEL CORP
695 OHIO STREET

LOCKPORT, NY 14094
EPA # NYD094174854 GEN # 546351

WASTE SODIUM CYANIDE, SOLID, 6.1, UN1689, I

GENERATOR - ADDRESS EPA #

DOT PROPER SHIPPING NAME

000072882VES

1 3

TW1024443

24443

MANIFEST

PG / LINE

WASTE AREA

DISPOSAL CODE

W.T.P. #

S/R ERG:157 W:24443

01

R / D003, P106, B

051G DF 0.68 cf

A:TW1024443

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1 500 gm

SODIUM CYANIDE, SOLID

D003
P106 B

ELP

SIC
5999

SOURCE
GM

FORM
W001

SYSTEM
H040

PCB #

PCB OOS Date

TOTAL WEIGHT

1 P

VEOLIA-TON, NY

TECHNICAL SUPERVISOR

PAGE 3 OF 8

11/8/2007 11/8/2007 YL 0871058000 010
 DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

GUTERL. SPECIALTY STEEL CORP
 696 OHIO STREET
 LOCKPORT, NY 14094
 EPA # NY1094174554 GEN # 546351
 GENERATOR - ADDRESS EPA #

TOXIC SOLID, INORGANIC, n.o.s., 6.1, UN3299, II
 DOT PROPER SHIPPING NAME

000072882VES 1 4 TW1024443 24443
 MANIFEST PG / LINE WASTE AREA DISPOSAL CODE W.I.P. #
 SI-ERG:151 W:24443 01 - / NONE, B 021H2 DF 0.28 cf
 A:TW1024443
 ADDITIONAL DESCRIPTION COMMON DRUMS EPA CODE CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
1	5LB			POTASSIUM IODIDE		NONE B
1	1LB			SODIUM BISMUTHATE		NONE
1	500 gm			AMMONIUM FLUORIDE		NONE

ELP SIC SOURCE FORM SYSTEM PCB# PCB DOS Date
 8990 G11 W001 H040

TOTAL WEIGHT 1 P

VEOLIA-TON, NY
 TECHNICAL SUPERVISOR

11/8/2007 11/8/2007 YL 0871052000 005
 DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

GUTERL SPECIALTY STEEL CORP
 695 OHIO STREET
 LOCKPORT, NY 14094
 EPA # NYD094174554 GEN # 546351

TOXIC SOLID, INORGANIC, n.o.s., 6.1, UN3285, III

GENERATOR - ADDRESS EPA #

DOT PROPER SHIPPING NAME

000072882VES
 MANIFEST

2 5
 PG / LINE

TW024501
 DISPOSAL CODE

24501
 W.I.P. #

SI-ERG:151 W:24501
 A:TW024501

01
 COMMON DRUMS

- / NONE, B
 EPA CODE

301A2 DM 4.09 ct
 CONTAINER TYPE

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
14	5LBS	GLASS		UNKNOWN TOXIC/NH REACTIVE SOLIDS **SEE UNKNOWN SHEET**		NONE
4	1LB	GLASS		UNKNOWN TOXIC/NH REACTIVE SOLIDS **SEE UNKNOWN SHEET**		NONE B
2	500ML	GLASS		UNKNOWN TOXIC/NH REACTIVE LIQUIDS **SEE UNKNOWN SHEET**		NONE B
1	5LBS BAG			PPE AND TEST DEBRIS FROM UNKNOWN TESTING		NONE

ELP

SIC
8999

SOURCE
G11

FORM
W001

SYSTEM
H040

PCB #

PCB QOS Date

TOTAL WEIGHT

43 P

VEOLIA-TON, NY

TECHNICAL SUPERVISOR

PAGE 6 OF 8

VEOLIA SLIP
 ENVIRONMENTAL SERVICES
 Manifest Order

11/8/2007

11/8/2007

YL 0871058000 003

DATE ACCUMULATED

DATE SHIPPED

GEN DRUM ID

CONTAINER #

GUTERL SPECIALTY STEEL CORP
 696 OHIO STREET

LOCKPORT, NY 14094

EPA # NYD094174554 GEN # 546351

GENERATOR - ADDRESS EPA #

WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC,
 n.o.s., (HYDROCHLORIC ACID), B, UN3264, II

DOT PROPER SHIPPING NAME

00007282VES

2 6

TW024501

24501

MANIFEST

PG/LINE

WASTE AREA

DISPOSAL CODE

W.I.P. #

LIC ERG:154 W:24501

01

C / D002, B

141HZ DF 1.91 cf

A:TW024501

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
1	1LB			POTASSIUM CHLORIDE		NONE B
1	1LB			CUPRIC CHLORIDE		NONE
1	1LB			MOLYBDIC ACID		NONE
1	5 GAL			HYDROCHLORIC ACID, SOLUTION		D002

ELP

SIC

0999

SOURCE

G11

FORM

W001

SYSTEM

H040

PCB #

PCB QOS Date

TOTAL WEIGHT

27 P

VEOLIA-TON, NY

TECHNICAL SUPERVISOR

PAGE 6 OF 8

11/8/2007 11/8/2007 YL 0871058000 007
 DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

GUTERL SPECIALTY STEEL CORP
 695 OHIO STREET
 LOCKPORT, NY 14094
 EPA # NYD094174554 GEN # 546351
 GENERATOR - ADDRESS EPA #

CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., B,
 UN3264, III
 DOT PROPER SHIPPING NAME

000072882VES 2 7 TWI024443 24443
 MANIFEST PG / LINE WASTE AREA DISPOSAL CODE W.T.P. #
 LI- ERG:154 W:24443 01 - / NONE, B 02112 DF 0.20 cf
 A:TWI024443
 ADDITIONAL DESCRIPTION COMMON DRUMS EPA CODE CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
1	500ML	POLY		UNKNOWN/ACIDIC LIQUID**SEE UNKNOWN SHEET**		NONE B

ELP SIC SOURCE FORM SYSTEM PCB # PCB QOS Date
 8999 G11 W001 H040

TOTAL WEIGHT 1 P

VEOLIA-TON.NY PAGE 7 OF 8
 TECHNICAL SUPERVISOR

VEOLIA PACKING SLIP
 ENVIRONMENTAL SERVICES
 Manifest Order

11/8/2007 11/8/2007 YL 0871058000 006
 DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

GUTERL SPECIALTY STEEL CORP
 695 OHIO STREET
 LOCKPORT, NY 14094
 EPA # NYD094174654 GEN # 546354
 GENERATOR - ADDRESS EPA #

CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., B,
 UN3266, III
 DOT PROPER SHIPPING NAME

000072882VES 2 0 TWI024443 24443
 MANIFEST PG / LINE WASTE AREA DISPOSAL CODE W.I.P. #
 LI-ERG:154 W:24443 01 - / NONE, B 021H2 DF 0.28 cf
 A:TWI024443
 ADDITIONAL DESCRIPTION COMMON DRUMS EPA CODE CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
1	500ML	POLY		UNKNOWN/BASIC LIQUID**SEE UNKNOWN SHEET**		NONE
1	5LB			UNKNOWN BASIC SOLID**SEE UNKNOWN SHEET**		NONE B

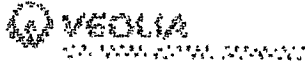
ELP SIC 8999 SOURCE G11 FORM W001 SYSTEM H040 PCB # PCB OOS Date

TOTAL WEIGHT 5 P

VEOLIA-TON.NY PAGE 8 OF 8
 TECHNICAL SUPERVISOR



Veolia ES Technical Solutions, L.L.C.



TWI 02443

- Recertification
- ONYX LOCATION
- Invoice Address
- Manifest from - blank if direct

4400 RIVER ROAD, TONAWANDA NY 14150
 WASTESTREAM INFORMATION
 ADDRESS CITY ST

Disposal Code
 N1205

ONYX TSDF requested _____ Technology requested _____ Generator No. 545351 Generator EPA ID NYD094174554

1. Generator Name GUTERL SPECIALTY STEEL CORP Generator State # _____
 Address 895 OHIO STREET State NY Country US Zip 14094
 City LOCKPORT State NY Country US Zip 14094
 SIC Code 8990 1st NAICS Code _____ 2nd NAICS Code _____ 3rd NAICS Code _____
 Source G11 Origin _____ Form W001 System Type HOVO

2. Waste Name LABPACK / DCN Lab or Waste _____
 3. Process Generating outdated material
 4. Shipping Name PACKED LAB CHEMICALS

Hazard Class FLC UNNA Number NONE PkgGrp _____ Sub Hzds _____ RQ Amt (lbs.) 0

RQ Desc: 1.
 DOT Desc: 1.

5. Waste Codes VARI, B
 Wastewater (VIN) N Sub-Category _____

6. Physical and chemical

pH Lo <u>0</u>	Specific Gravity Lo <u>0</u>	Flash Point (F) Lo <u>0</u>	Water Solubility Lo <u>0</u>	BTU/lb Lo <u>0</u>
pH Hi <u>0</u>	Specific Gravity Hi <u>0</u>	Flash Point (F) Hi <u>0</u>	Water Solubility Hi <u>0</u>	BTU/lb Hi <u>0</u>

Solids:

Suspended Lo <u>0</u>	Settleable (%) Lo <u>0</u>	Dissolved (%) Lo <u>0</u>	% Ash Lo <u>0</u>	Free Liquid (%) Lo <u>0</u>
Suspended Hi <u>0</u>	Settleable (%) Hi <u>0</u>	Dissolved (%) Hi <u>0</u>	% Ash Hi <u>0</u>	Free Liquid (%) Hi <u>0</u>

Physical State:	Hazardous	Layer <u>C - Single-Phase</u>
Physical State 1 <u>L - liquid</u>	Haz. Char. 1 _____	Top <u>C - low (water)</u>
Physical State 2 <u>S - solid</u>	Haz. Char. 2 _____	Middle _____
Physical State 3 _____	Haz. Char. 3 _____	Bottom _____

Halogens:

Bromine (%) Lo _____	Chlorine (%) Lo _____	Fluorine (%) Lo _____	Iodine (%) Lo _____	Color 1 <u>VAR</u>
Bromine (%) Hi _____	Chlorine (%) Hi _____	Fluorine (%) Hi _____	Iodine (%) Hi _____	Color 2 _____
				Intensity _____

Order Intensity _____ Contains Used Oil? No HOC < 1000 ppm _____ HOC > 1000 ppm _____
 Description _____

7. Chemical Composition:



PLY LAB PACK CHEMICALS / DCN / DIRECT CHARGE

Low High %PPM/PPB
100 100 %

- Other Yes/N
8. Is the wastestream being imported into the USA? No PCB
9. Does the wastestream contain PCBs regulated by 40 CFR? No concentration: 0.00 PPM
10. Is the wastestream subject to the Marine Pollutant Regulations? No Benzene
11. Is the wastestream subject to Benzene NESHAP? No concentration: 0.00 PPM
If Yes, is the wastestream subject to Notification and Control Reqs? Vol. Org.
12. Is the wastestream subject to RCRA subpart CC controls? No Conc., if known: 0.00 PPM/W
CC approved analytical method? General Knowledge?
13. Is the wastestream from a CERCLA or state mandated cleanup? No

14. Container Information (Identify UN container marking if

Packaging: Bulk _____ Type/Size _____ Bulk Liquid: _____ Type/Size _____ Drum: _____ Type/Size _____

Other: _____

Shipping Frequency: Units _____ Per Month ✓ Quarterly _____ Year _____ One Time _____ Other _____

15. Additional Information:

[Handwritten initials]

Is analytical or an MSDS available that describes the waste? Yes _____ No _____ If Yes, please attach.

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

[Large handwritten 'X' on the left]

ERIC SANDIN MACTER 707 775 5401 11/8/07
NAME (Print or Type) PHONE DATE

[Signature] Plant Mgr.
SIGNATURE TITLE

FACILITY

If approved for management, Veolia has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED? No DESCRIBE: _____

TWIO24501

- Recertification
- ONYX LOCATION
- Invoice Address
- Manifest from - blank if direct

4400 RIVER ROAD, Tonawanda NY 14150
 ADDRESS CITY ST

WASTESTREAM INFORMATION

Disposal Code
NY2056

ONYX TSDF requested _____ Technology requested _____ Generator No. 546351 Generator EPA ID NYD094174554

1. Generator Name GUTERL SPECIALTY STEEL CORP Generator State # _____
 Address 885 OHIO STREET State NY Country US Zip 14094
 City LOCKPORT State NY Country US Zip 14094
 SIC Code 8999 1st NAICS Code _____ 2nd NAICS Code _____ 3rd NAICS Code _____
 Source G11 Origin 1 Form W001 System Type H010

2. Waste Name LABPACK / HPN Lab or Waste _____
 3. Process Generating outdated material
 4. Shipping Name PACKED LAB CHEMICALS
 Hazard Class PLC UNNA Number NONE Pkg Grp _____ Sub Haz _____ RQ Amt (lbs.) 0
 RQ Desc: 1.
 DOT Desc: 1.

VARIES

5. Waste Codes VARI, E
 Wastewater (Y/N) N Sub-Category _____

6. Physical and chemical
 pH Lo 0 Specific Gravity Lo 0 Flash Point (F) Lo 0 Water Solubility Lo 0 BTU/lb Lo 0
 pH Hi 0 Specific Gravity Hi 0 Flash Point (F) Hi 0 Water Solubility Hi 0 BTU/lb Hi 0

Solids:
 Suspended Lo 0 Settleable (%) Lo 0 Dissolved (%) Lo 0 % Ash Lo 0 Free Liquid (%) Lo 0
 Suspended Hi 0 Settleable (%) Hi 0 Dissolved (%) Hi 0 % Ash Hi 0 Free Liquid (%) Hi 0

Physical State:	Hazardous	Layer	<u>C - Single-Phase</u>
Physical State 1 <u>L - liquid</u>	Haz. Char. 1	Top	<u>C - low (water)</u>
Physical State 2 <u>S - solid</u>	Haz. Char. 2	Middle	
Physical State 3	Haz. Char. 3	Bottom	

Halogens:
 Bromine (%) Lo _____ Chlorine (%) Lo _____ Fluorine (%) Lo _____ Iodine (%) Lo _____ Color 1 VAR
 Bromine (%) Hi _____ Chlorine (%) Hi _____ Fluorine (%) Hi _____ Iodine (%) Hi _____ Color 2 _____
 Intensity _____

Odor Intensity _____ Contains Used Oil? No HOC < 1000 ppm _____ HOC > 1000 ppm _____
 Description _____

7. Chemical Composition:



REC/LAB PACIFIC CHEMICALS / HPN / NOT-REPEAT

Low	High	%PPM/PPE
100	100	%

Other

Yes/N

- 8. Is the wastestream being imported into the USA? No PCB
- 9. Does the wastestream contain PCBs regulated by 40 CFR? No concentration: 0.00 PPM
- 10. Is the wastestream subject to the Marine Pollutant Regulations? No Benzene
- 11. Is the wastestream subject to Benzene NESHAP? No concentration: 0.00 PPM
- If Yes, is the wastestream subject to Notification and Control Reqs? Vol. Org.
- 12. Is the wastestream subject to RCRA subpart CC controls? No Conc., if known: 0.00 PPMW
- CC approved analytical method? General Knowledge?
- 13. Is the wastestream from a CERCLA or state mandated cleanup? No

14. Container Information (Identify UN container marking if

Packaging: Bulk Type/Size _____ Bulk Liquid: Type/Size _____ Drum: Type/Size _____
 Other: _____
 Shipping Frequency: Units _____ Per Month _____ Quarter _____ Year _____ One Time _____ Other _____

15. Additional Information:

Is analytical or an MSDS available that describes the waste? Yes No If Yes, please attach.

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

ERIE SANDRA, MACTEL 207 775 5601 11/8/07

NAME (Print or Type)

PHONE

DATE

[Signature]

Process M. [Signature]

SIGNATURE

TITLE

FACILITY

If approved for management, Veolia has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED? No DESCRIBE: _____

Activity Report

JOB NO: 0871088000
BILL DOC NO YL70100532
GENERATOR NO 546351

WO NO: 0871088000
EPA ID: NYD094174554

BILL TO: MACTEC, INC.
ATTN: AP DEPARTMENT, SUITE 300
1104 SANCTUARY PARKWAY
ALPHARETTA, GA 35004
(270) 360-0600

JOB SITE: GUTERL SPECIALTY STEEL CORP
698 OHIO STREET
LOCKPORT, NY 14094
(207) 807-1152

CONTACT: CHUCK STAPLES

CONTACT: ERIC SANDIN/MACTEC

MANIFEST NUMBER(S):
000072882VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE					TERR.
200704817		11/08/2007					NY2
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA	
Manifest # 000072882VES WIP 24443 / Approval TWM024443 LABPACK	1	021H2-DF	1	P	1 / 1		
Manifest # 000072882VES WIP 24443 / Approval TWM024443 LABPACK	1	021H2-DF	1	P	1 / 2		
Manifest # 000072882VES WIP 24443 / Approval TWM024443 LABPACK	1	051G-DF	1	P	1 / 3		
Manifest # 000072882VES WIP 24443 / Approval TWM024443 LABPACK	1	021H2-DF	1	P	1 / 4		
Manifest # 000072882VES WIP 24501 / Approval TWM024501 LABPACK	1	301A2-DM	43	P	2 / 5		
Manifest # 000072882VES WIP 24501 / Approval TWM024501 LABPACK	1	141H2-DF	27	P	2 / 6		

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 0871058000 WO NO: 0871058000
 BILL DOC NO YL70100552
 GENERATOR NO 546351 EPA ID: NYD094174554

BILL TO: MACTEC, INC.
 ATTN: AP DEPARTMENT, SUITE 300
 1104 SANCTUARY PARKWAY
 ALPHARETTA, GA 30004
 (270) 360-0600

JOB SITE: GUTERL SPECIALTY STEEL CORP
 695 OHIO STREET
 LOCKPORT, NY 14094
 (207) 807-4152

CONTACT: CHUCK STAPLES

CONTACT: ERIC SANDIN/MACTEC

MANIFEST NUMBER(S):
 000072882VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
200704617		11/09/2007	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PC/LN	WASTE AREA
Manifest # 000072882VES WIP 24443 / Approval TWM024443 LABPACK	1	021H2-DF	1	P	2 / 7	
Manifest # 000072882VES WIP 24443 / Approval TWM024443 LABPACK	1	021H2-DF	5	P	2 / 8	

Total Hours:	0
# of Containers:	8
Total Pounds:	80

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 0871058000 WO NO: 0871058000
 BILL DOC NO YL70100532
 GENERATOR NO 545351 EPA ID: NYD094174554

BILL TO: MACTEC, INC.
 ATTN: AP DEPARTMENT, SUITE 300
 1104 SANCTUARY PARKWAY
 ALPHARETTA, GA 30004
 (270) 360-0600

JOB SITE: GUTERL SPECIALTY STEEL CORP
 695 OHIO STREET
 LOCKPORT, NY 14094
 (207) 807-1152

CONTACT: CHUCK STAPLES

CONTACT: ERIC SANDIN/MACTEC

MANIFEST NUMBER(S):
 Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
200704617		11/08/2007	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PC/LN	WASTE AREA
Manpwr - SUPERVISOR & ONE TECHNICAL ASSISTANT		305	1@5	HOUR	/	
Manpwr - MOBILIZATION FEE		1246	1@1	EACH	/	
Manpwr - SPECIAL HANDLING SUPERVISOR LEVEL B		954	1@1	HOUR	/	
Mtrl. - VERMICULITE 3 CUFT BAG		32	2	EACH	/	
Mtrl. - 051G - 5 GAL FIBER DRUM		879	1	EACH	/	
Mtrl. - 141H2 - 14 GAL POLY DRUM		842	1	EACH	/	
Mtrl. - 301A2 - 30 GAL DOT 17H DRUM		9	1	EACH	/	
Mtrl. - 051H2 - 5 GAL WHITE POLY PAILS		83	1	EACH	/	
Mtrl. - 021H2 - 2 GAL POLY PAIL		10	4	EACH	/	

Total Hours:	5
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Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 0871058000

WO NO: 0871058000

BILL DOC NO YL70100632

GENERATOR NO 546351

EPA ID: NYD094174554

BILL TO: MACTEC, INC.

ATTN: AP DEPARTMENT, SUITE 300

1104 SANCTUARY PARKWAY

ALPHARETTA, GA 30004

(270) 380-0600

JOB SITE: GUTERL SPECIALTY STEEL CORP

695 OHIO STREET

LOCKPORT, NY 14094

(207) 807-1152

CONTACT: CHUCK STAPLES

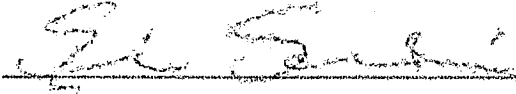
CONTACT: ERIC SANDIN/MACTEC

MANIFEST NUMBER(S):

Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
200704817		11/08/2007	NY2

Comments:

X By: 

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.