

SUPPLEMENTAL SOURCE AREA INVESTIGATION REPORT

FORMER NORTHEAST ENVIRONMENTAL SERVICES, INC. SITE

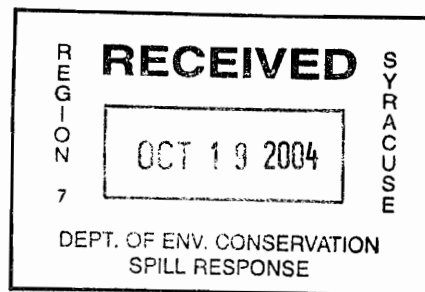
**4123 Canal Road, Town of Lenox
Madison County, New York
NYSDEC Spill No. 01-60024/PIN No. H-0529**

Prepared for: New York State Department of Environmental Conservation
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October 15, 2004
SEM File No.: 3003.050.10.04

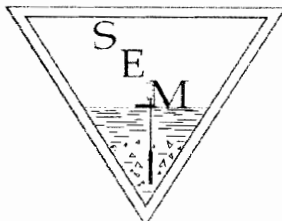


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SECTION 1

INTRODUCTION AND BACKGROUND

1.1 Introduction

The following report summarizes the methodologies and findings of a supplemental investigation of soil and groundwater conditions at the former Northeast Environmental Services, Inc. (NES) facility, located at 4123 Canal Road in the Town of Lenox, Madison County, New York, conducted by Strategic Environmental Management, Inc. (SEM) in February 2004. The investigation was completed between February 9 and 25, 2004, on behalf of the New York State Department of Environmental Conservation (NYSDEC), in accordance with a *Proposed Supplemental Source Area Investigation Work Plan* submitted to the NYSDEC by SEM on October 22, 2003, and an addendum to the Work Plan that was submitted to the NYSDEC by SEM on February 17, 2004.

1.2 Project Background and Site History

The former NES facility consists of a single story structure that is situated on a 3.6 acre tract of land located at 4123 Canal Road, approximately 1.1 miles east of the Village of Canastota in the Town of Lenox, Madison County, New York. The site was owned and operated as a privately held and managed commercial, hazardous waste treatment, storage and disposal (TSD) facility by the former Northeast Environmental Services, Inc. (NES) firm since September of 1986. Prior to its purchase by NES in September of 1986, the facility was similarly operated as a hazardous waste TSD facility that was reportedly owned and operated by the Haz-O-Waste Corporation (Haz-O-Waste).

During the period of operation by NES and Haz-O-Waste, the facility had reportedly received, treated and stored hazardous and non-hazardous wastes

from a number of commercial and private waste generators. The facility's operations reportedly involved the processing, blending and preparation of hazardous and non-hazardous waste materials for final off-site disposal. Types of waste materials processed at the site included laboratory chemicals, industrial solvents, oil contaminated debris, acids, caustics, paint and ink residue, waxes, resins and bleach. No on-site waste disposal is documented to have occurred at the site, and all treatment and storage of waste materials reportedly occurred within the approximately 1.4 acres of developed land surrounding the single story structure on the site.

The facility's operations were terminated in 2001, as a result of failure on the part of NES to comply with the terms of the operating permit issued by the NYSDEC. Following the cessation of site operations, Op-Tech Environmental Services, Inc. (Op-Tech) was retained by the NYSDEC to assume responsibility for management of the waste remaining at the facility, and SEM was retained to assume responsibility for operation, maintenance, and monitoring of the existing groundwater and soil remediation systems, and for reviewing available information regarding past investigation and remediation efforts, to determine whether additional investigation and/or modification of remedial activities may be prudent.

Groundwater recovery and treatment activities have been in place on the northern portion of the property since 1992. The existing remedial system utilizes two (2) recovery wells to extract impacted groundwater from the soil (predominantly silty fine to very fine sand with intermittent and apparently discontinuous zones of medium sand) present above the glacial till formation that lies approximately twenty-eight (28) to forty (40) feet below grade across the site. The recovered groundwater is passed through a stainless steel shallow-tray air stripper (at a combined flow rate of approximately fifteen to sixteen gallons per minute) that serves to remove VOC from the water, and subsequently through a bank of carbon filters that are intended to remove trace concentrations of VOC that may persist after the air stripper, prior to discharge.

The system effluent is discharged as a surface water discharge to a shallow drainage ditch that flows in a general northerly direction through the western side of the property. The discharge is monitored under NYSDEC State Pollutant Discharge Elimination System (SPDES) Permit Number NY-021 3837.

Although the existing groundwater recovery and treatment operations are critical to maintaining hydraulic control of the dissolved-phase VOC plume, the existing system is not effectively addressing the contaminant source mass. Under current conditions and without an adequate strategy for source mass remediation, groundwater impact and contaminant migration would be expected to persist for a significant period of time.

Between August 26, 2002 and October 8, 2002, SEM conducted a site-wide soil and groundwater investigation at the NES site, to document concentrations and distribution of VOC in both soil and groundwater across the site at that time; to obtain further information regarding the types, concentrations and distribution of VOC in the identified plume source area; to investigate other areas of concern that had not previously been investigated; and to determine if other potential contaminants, including semi-volatile organic compounds; PCBs; pesticides; cyanide; and RCRA metals, may have been present in soil or groundwater at concentrations above currently accepted groundwater standards and soil guidance values. This prior investigation work had identified an area of significant impact by volatile organic compounds (VOC) beneath and immediately north of the main structure on the property. Based on available historic information regarding the site, this portion of the facility is understood to have previously served as a barrel staging area during past operations. The most significant concentrations were encountered beneath the northern end and immediately north of the vacant structure, and were generally present in the upper ten (10) to fifteen (15) feet of the soil profile. The findings of the 2002 investigation were previously summarized in SEM's report entitled *Subsurface Soil and Groundwater Remedial Investigation*, dated December 23, 2002.

Based on the findings of the 2002 investigation, the NYSDEC requested that SEM submit a proposal for additional investigational work at the site to obtain further information as to the distribution of the “gross” soil contamination in the area beneath and north of the building; in the area northwest of the building at which roll-off waste containers had historically been staged; and in the area southeast of the building, where elevated concentrations of acetone had been documented in groundwater in 2002. This supplemental data on soil and groundwater conditions was to be used in considering and evaluating remedial options that would address what is believed to represent the primary source of continual impact to the local overburden groundwater regime at the site.

As such, the objective of this supplemental source area investigation was to attempt to define and delineate the distribution (both lateral and vertical) and current concentrations of VOCs beneath and in the immediate vicinity of the main single story building at the NES site, and to attempt to more accurately identify geologic stratification and occurrences of soils that may provide preferential migration pathways for groundwater and dissolved-phase VOCs. Certain heavy metals have also been previously documented to exist in soil beneath and in the vicinity of the building, and therefore were included in the analysis program associated with this supplemental investigation.

SECTION 2

SITE AND VICINITY CHARACTERISTICS

2.1 Physical Setting

The site is situated in northern central New York, in the Ontario lowlands (Oneida Plain) physiographic province. This entire regional topography was influenced and shaped by the late Wisconsin deglaciation of 10,000 to 21,750 years ago. The Ontario lowlands, which extend from the shore of Oneida Lake southward to the Helderberg escarpment, are a direct result of this last glacial period. These lowlands have two subsections based on relief. The northern section, where the site is located, is a low, nearly level former glacial lakebed that has gently sloping beach ridges in some places. Elevations across the county range from 368 feet above mean sea-level (amsl) at Oneida Lake, to 2,142 feet amsl at a point midway between Georgetown and Erieville in the southern part of the county. In the flatter, northern part of the county, changes in relief are more gradual. In the six miles from the shore of Oneida Lake to Canastota, the elevation increases only 50 feet. South of Canastota, the change in relief is more pronounced. The site, which is located at latitude 43° 05' 5.78" North and longitude 75° 43' 13.01" West, is approximately 1.1 miles east of the Village of Canastota. It is at an approximate elevation of 429 feet amsl. Figure 1, entitled *Site Location Map*, shows the location of the site and surrounding features.

2.2 Local Land Use

The site is situated in an area that is used primarily for agricultural purposes. The property is bordered to the north, east and west by relatively expansive agricultural fields that are utilized for hay and corn production by a nearby dairy operation. The site is bordered to the south by Canal Road, and by undeveloped marshland, the former Erie Canal basin, and a public recreational trail located across Canal Road. The nearest developed properties are



NOTE: TAKEN FROM ONEIDA, N.Y. U.S.G.S 7.5' TOPOGRAPHIC QUADRANGLE

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FORMER NORTHEAST ENVIRONMENTAL SERVICES SITE
4123 Canal Road

Town of Lenox, Madison County, New York
NYSDEC SPILL NO. 01-60024/PIN No. H-0529

FIGURE: 1

SEM PROJECT NUMBER
3003.050.09.02

DATE:
SEPTEMBER 24, 2004

residential in nature and are located approximately 3,300 feet to the north; approximately 1,500 to 1,800 feet to the east; and approximately 1,800 feet to the west. The northerly neighboring residences are supplied by individual/private on-site wells that are reportedly under periodic monitoring by the New York State Department of Health (NYSDOH).

2.3 Topography

According to the USGS Topographic Map of Oneida, New York, the site is approximately 429 feet amsl. The topography of the site is generally flat with a slight slope to the north and a slight rise to the south of the site. Surface water runoff is generally from south to north across the site, via a series of buried drainage pipes that reportedly drain to a common shallow ditch that traverses the northern portion of the site. The shallow ditch drains in a general northerly direction and intersects a similar shallow ditch positioned in an east-to-west orientation along the northern edge of the subject property. The intercepting trench appears to drain in a westerly direction away from the site, in the general direction of Dutch Settlement Creek.

2.4 Regional Bedrock Geology

The regional bedrock geology is composed of formations of the Middle to Upper Silurian. These formations underlie the Oneida Plain in the Northern part of Madison County. Most of these Silurian rocks lie almost horizontal with a slight dip to the south of less than one degree ($<1^{\circ}$), which equates to approximately 50 feet per mile.

The section of the county south of Onedia Lake which contains the NES site appears to be underlain by rocks of the Middle Silurian. The Formations of the Middle Silurian are the oldest formations in Madison County and include the Herkimer Sandstone of the Clinton Group and the Illion Shale and Dolostone of the Lockport Group.

The upper part of the Clinton Group also contains a layer of black shale indicating an oxygen poor environment at the time of formation. This layer also contains a great deal of iron and hydrogen sulfide. The Herkimer sandstone contains ripple marks and mud cracks and fossil clams and brachiopods. Both the Herkimer Sandstone and the Illion Shale and Dolostone are overlain by glacial outwash and overburden soils. The actual nature and depth of the bedrock formation beneath the site has not been investigated to date.

2.5 Published Soil Types

According to the United States Department of Agriculture (USDA) Soil Survey map of Madison County, the soil underlying the southwestern half of the site consists of Niagara Silt Loam (NgA). This soil type is nearly level with a slope of ranging from 0 to 3 percent, and occurs in moderately low areas and receives little runoff from adjacent soils. The soils underlying the northwestern portion of the site consist mainly of the Fredon silt loam (Fr). This soil type is also nearly level and formed in glacial outwash deposits on low benches, terraces, and plains. The soil is mainly to somewhat poorly drained, but in some areas it is poorly drained. Slopes range from 0 to 3 percent but are mostly less than 2 percent. This soil commonly receives runoff and subsurface seepage from higher adjacent soils. The lithologies encountered during subsurface investigations at the site are consistent with the characteristics of the Fredon silt loam.

2.6 Field-Observed Soil Conditions

The surficial geology across the site, based on conditions observed through the advancement of numerous soil borings in past and recent investigation activities, appears to be composed of a reddish-brown to brownish-red to reddish-gray fine to very fine sand and silt intermixed with lenses of fine to medium sand and silt overlying a broken layer of silty-sandy clay and fine to coarse, round to sub-angular dolomitic gravel derived primarily from the local

bedrock and the underlying basal till unit. The unconsolidated sediments above the till unit appear to be approximately 25 to 40 feet thick. The till unit appears to be composed of an unstratified and variable mix of particle sizes ranging from cobbles to clay with rock types that appear to be dominated by dolostone, shale and sandstone. The nature of the geology that exists beneath the till unit has not been investigated to date.

Bedrock was not encountered at the site during this investigation, but, based on information attained from the Geologic Map of New York State and the (USDA) Soil Survey Map of Madison County, it is understood that the local bedrock is composed of both the Herkimer Sandstone and the Illion Shale and Dolostone and is estimated to be approximately 40 to 60 feet below grade.

2.7 Hydrogeology

The uppermost waterbearing unit beneath the site exists within the fine sand and silt deposits present over the basal till. The water table consistently exists from approximately two (2) to five (5) feet below grade, with little seasonal variation beyond these depths observed through historic monitoring. Based on conditions observed during the investigation and through groundwater monitoring activities that have occurred since the early 1990's, the shallow, overburden aquifer exhibits a general northerly to northwesterly gradient across the site. The saturated thickness of this overburden aquifer ranges from approximately twenty to thirty-five feet.

Recent groundwater data collected from the area north of the property in connection with an investigation of off-site conditions downgradient of the site that was undertaken in June 2004 by the USEPA and the NYSDEC reportedly indicate that the direction of shallow groundwater flow appears to shift to the west-northwest beyond the northern boundary of the NES property. The groundwater flow observations and other findings of the off-site investigation are

expected to be summarized in a forthcoming report to be prepared by the USEPA's consultant, Techlaw, Inc.

The depth to and condition of groundwater beneath the overburden aquifer has not been investigated, nor are the flow characteristics in the lower aquifer(s) known at this time.

SECTION 3

SOIL INVESTIGATION METHODOLOGY AND ACTIVITIES

3.1 Soil Investigation Scope

Between February 9, 2004 and February 25, 2004, a total of twenty-eight (28) soil borings were advanced at select locations within and around the vacant facility, in those areas deemed by the 2002 investigation to warrant further investigation and delineation of impacts. These areas of concern include:

- An area to the southeast of the existing structure at which elevated concentrations of acetone had been documented during the 2002 investigation, generally corresponding to the location of 2002 soil boring SEM-SB-13;
- An area west of the vacant structure, within the existing perimeter fence, at which roll-off waste containers had historically been staged, and at which elevated field PID screening results had been documented in shallow soil (4 to 8 feet in depth) during the 2002 investigation; and
- The area beneath and north of the vacant structure, in which the most significant concentrations of volatile organic compounds (VOC) were identified during the 2002 work.

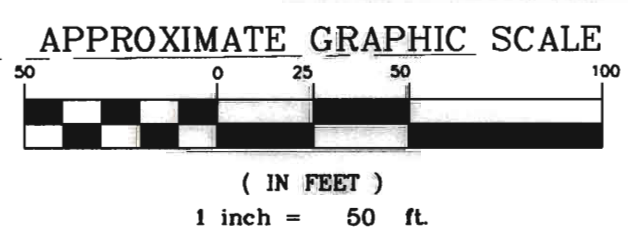
The soil borings advanced during this investigation were identified as borings SEM-SB-40 through SEM-SB-66, and SEM-SB-40A. These borings were positioned as depicted on the *Site Plan* that follows as Figure 2, as follows:

- Borings SEM-SB-40; SEM-SB-40A; SEM-SB-41; SEM-SB-42; SEM-SB-43; and SEM-SB-44 were located to the north of the vacant structure;
- Borings SEM-SB-45; SEM-SB-46; SEM-SB-47; SEM-SB-48; SEM-SB-49; SEM-SB-50; and SEM-SB-51 were positioned within the vacant

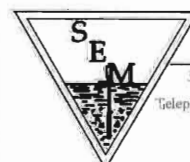


Legend

- | | | | |
|--|---|--|---|
| | SEPTIC SYSTEM MANHOLE | | ELEVATED PORTION OF BUILDING |
| | GROUNDWATER MONITORING WELL (EXISTING) | | HALLWAY |
| | PIEZOMETER (EXISTING) | | BUILDING WALL |
| | DRAINAGE DITCH (EXISTING) | | DOOR, OPENING, OR PASSAGeway |
| | POWER POLE | | REMOVABLE STRUCTURAL ELEMENT |
| | CATCH BASIN | | DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004) |
| | PRIOR SOIL BORINGS (SEM 2002) | | SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004) |
| | MONITORING WELL (ONE INCH DIAMETER) (SEM 2002) | | |
| | PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES (SEM 2002) | | |



Site Plan Former Northeast Environmental Services, Inc. Canal St. Road, Lenox, New York NYSDEC SPILL NO.: 01-60024 PIN H-0529



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MAP NOTES:
 Base drawing derived from WCT Surveys, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Figure: 2	
SEM File No.:	3003.0050.10.03
Date:	June 14, 2003
Revised:	September 22, 2004
Drawn By:	A. Lee
Filename:	NESMASTER (Revised 09-22-04)

building, inside of the former barrel staging area and the northern-most truck bay;

- Borings SEM-SB-52; SEM-SB-53; and SEM-SB-54 were located within the vacant building, inside the former acid/base neutralization room;
- Borings SEM-SB-55 and SEM-SB-56 were advanced within the vacant structure, inside the northwestern equipment room and the adjacent compressor/tool storage room;
- Borings SEM-SB-57; SEM-SB-58; and SEM-SB-59 were located to the southeast of the vacant structure, in the area in which acetone had been identified during the 2002 investigation;
- Borings SEM-SB-60; SEM-SB-61; SEM-SB-62; and SEM-SB-63 were located to the northwest of the building, in the former roll-off-staging area; and
- Borings SEM-SB-64; SEM-SB-65; and SEM-SB-66 were positioned within the eastern tank room that is adjacent to the primary loading dock.

3.2 Soil Sampling Procedures

In order to facilitate the advancement of the soil borings within the building (SEM-SB-45 thru SEM-SB-56 and SEM-SB-64 thru SEM-SB-66), coring of the concrete floor was required. As such, the floor slab was cored using an electrically powered coring machine advancing a 4.0-inch diameter diamond concrete coring bit. The re-enforced concrete cores ranged in length from approximately ten (10) inches to fourteen (14) inches.

Soil borings SEM-SB-40 through SEM-SB-51 and soil borings SEM-SB-57 through SEM-SB-63 were completed with a truck-mounted direct-push sampling unit (Geoprobe® Systems' Model 5400). Soil borings SEM-SB-52 through SEM-SB-56 and soil borings SEM-SB-64 through SEM-SB-66 were advanced with a

track-mounted direct-push sampling unit (Geoprobe® Systems' Model 54DT)®, due to limited accessibility to those points.

Continuous soil samples were collected from each of the borings using Geoprobe® Systems' Macro-Core® Closed Piston Rod Soil Samplers, which consist of steel barrels having an inside diameter of 1.75 inches and a length of forty-eight (48) inches, into which expendable (single-use) PVC liners are inserted. The closed piston was used to ensure discrete four (4) foot soil sampling intervals and to prevent the entry of soil within the upper portion of the borehole into the sample liner as the sampler is advanced to the target zone. This sampling method is also utilized to reduce the potential for cross-contamination from the upper portion of the borehole. After the Macro-Core® barrel was driven to the desired depth, the closed piston unit was opened using the Macro-Core extension rod quick link connector system. The open Macro-Core® barrel with its disposable acetate liner was then advanced four (4) feet, and subsequently retrieved from the subsurface.

Continuous sampling proceeded to the following depths at the individual boring locations:

<u>Boring I.D.</u>	<u>Termination Depth</u>	<u>Glacial Till Encountered?</u>
SEM-SB-40	31.3 ft	Yes
SEM-SB-40A	32.0 ft	Yes
SEM-SB-41	29.0 ft	Yes
SEM-SB-42	20.0 ft	No
SEM-SB-43	16.0 ft	No
SEM-SB-44	32.0 ft	Yes
SEM-SB-45	32.0 ft	Yes
SEM-SB-46	32.0 ft	Yes
SEM-SB-47	32.0 ft	Yes
SEM-SB-48	24.0 ft	No

<u>Boring I.D.</u>	<u>Termination Depth</u>	<u>Glacial Till Encountered?</u>
SEM-SB-49	31.0 ft	Yes
SEM-SB-50	31.0 ft	Yes
SEM-SB-51	20.0 ft	No
SEM-SB-52	16.0 ft	No
SEM-SB-53	12.0 ft	No
SEM-SB-54	16.0 ft	No
SEM-SB-55	16.0 ft	No
SEM-SB-56	16.0 ft	No
SEM-SB-57	31.2 ft	Yes
SEM-SB-58	31.9 ft	Yes
SEM-SB-59	31.2 ft	Yes
SEM-SB-60	12.0 ft	No
SEM-SB-61	12.0 ft	No
SEM-SB-62	12.0 ft	No
SEM-SB-63	12.0 ft	No
SEM-SB-64	16.0 ft	No
SEM-SB-65	32.0 ft	Yes
SEM-SB-66	16.0 ft	No

The recovered soil samples were field-classified with respect to predominant soil types and texture, based on manual and visual field observations; examined for staining and/or obvious indicators of impact; and screened by headspace analysis methods, using a portable photo-ionization detector (PID-MiniRae Model 2000) equipped with a 10.6 eV lamp. The PID was calibrated using a one hundred (100) part-per-million (ppm) isobutylene/air calibration gas mixture. The headspace screening was performed by placing a representative portion of the collected soil samples into re-sealable plastic bags ("Zip-lock" bags), and subsequently screening the air surrounding the soil within the bags with the

portable PID as the containerized soil was agitated. The screening was intended to determine the relative concentration of VOC constituents that are released from the respective soil sample into the airspace of the bag. The soil lithology, pertinent observations, and PID screening results are documented on the Investigation Logs included in Appendix A, and are discussed in greater detail in Section 5 below.

3.3 Analytical Samples-Soil

In addition to the field PID screening, samples of soil from select depths of each boring were also collected, and submitted for laboratory analysis for certain heavy metals, and for VOC. The target metals included in the analysis program included arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver (RCRA-8 Metals), and copper and nickel. The target VOC were those inherent to USEPA Method 8260.

One soil sample for metals analysis was collected from each boring at a point immediately beneath the existing surfacing materials (i.e., concrete slab, gravel), to account for elevated concentrations of the metals to exist through surficial dumping or spillage of waste, or from leakage from barrels or other storage vessels staged on the exposed ground surface outside of the existing building and/or beneath the structure prior to the construction of existing building sections. A second soil sample was also collected from each boring at the capillary fringe zone (i.e., immediately above and at the groundwater table), or in select cases, from zones of visible staining or coloration. The only locations in which the second soil sample was collected from a depth other than the capillary fringe zone due to the presence of visible coloration in the soil were borings SEM-SB-46 and SEM-SB-48. At these locations, the samples were retained from the zones of coloration (6.5 to 6.8 feet and 6.0 feet, respectively).

One sample of soil for VOC analysis was collected from each forty-eight (48) inch sampling interval throughout each boring. These samples were collected

from the depth at which the highest field PID screening values was recorded in each sample interval, or, in the absence of elevated PID screening results, from the central twenty-four (24) inches of the sample.

The samples selected for laboratory analysis were removed from the PVC liner of the sampler, and placed in 4 ounce glass containers provided by the laboratory. The samples were placed and maintained in a sample cooler, with the samples for VOC analysis maintained on ice, until being relinquished to the laboratory. The samples for metals analyses were transported and relinquished to Life Science Laboratories, Inc. (LSL; NYSDOH ELAP No. 10248) of East Syracuse for analysis, and the VOC samples were transported and relinquished to the NYSDC's Division of Environmental Remediation (DER) in-house laboratory in Rensselaer, New York for analysis.

Samples of soil from the following borings and depth intervals that were submitted to the DER laboratory were not analyzed, due to difficulty experienced by the laboratory in identifying the appropriate sample containers:

SEM-SB-40A	18 to 18.5 feet
SEM-SB-52	3.5 to 4.0 feet
SEM-SB-54	3.5 to 4.0 feet and 5.5 to 6.0 feet
SEM-SB-55	10.5 to 11.0 feet and 15.5 to 16.0 feet
SEM-SB-63	3.0 to 3.5 feet
SEM-SB-64	0.0 to 0.5 feet and 5.5 to 6.0 feet
SEM-SB-65	2.0 to 2.5 feet and 5.5 to 6.0 feet
SEM-SB-66	2.0 to 2.5 feet and 5.5 to 6.0 feet

3.4 Investigation-Derived Waste Management

Waste solids generated during the investigation included excess soil from the samplers (i.e., that not retained for laboratory analysis); personal protective equipment (disposable gloves, Tyvek coveralls); polyethylene sheeting; and paper towels. Liquid wastes generated during the soil investigation consisted of decontamination water. These materials were placed in 55-gallon barrels

following completion of the field examination, screening, and analytical sample collection, for subsequent off-site disposal by Op-Tech Environmental Services, Inc. (Op-Tech) of Syracuse, New York.

SECTION 4

GROUNDWATER INVESTIGATION METHODOLOGY AND ACTIVITIES

4.1 Temporary Monitoring Well Installations

Following completion of the soil sampling at the boring locations, one-inch diameter temporary monitoring wells/piezometers were installed in twenty-seven (27) of the twenty-eight (28) resultant boreholes. The temporary wells were installed to allow collection of groundwater samples, as well as to obtain groundwater elevation data that, in conjunction with groundwater elevations from the existing site wells, would provide a more accurate analysis of groundwater flow direction in the vicinity of the contaminant source area. Soil boring SEM-SB-59 (located to the southeast of the vacant building) was the only soil boring in which a temporary well was not placed during the investigation.

The temporary monitoring wells were installed by advancing 2.125-inch O.D. steel casing equipped with an expendable drive point into the respective borehole that had been created by the previously described soil sampling. The casing was advanced to termination depths selected to allow placement of the well screen across the desired monitoring zone of each location.

Each temporary monitoring well was constructed of ten (10) feet of Schedule 40 PVC well screen having 0.010-inch slots positioned to intercept the target monitoring zone, and an adequate length of compatible PVC riser pipe to extend to or above the ground surface. A portion of the wells were constructed so that the well screen was positioned in the lower portion of the overburden aquifer, immediately above the underlying till formation (designated as "deep" wells), and the remainder were screened across the observed water table (designated as "shallow" wells). For purposes of identification, the deep wells have been labeled with a "D" identifier after the respective boring number (i.e.,

Monitor Wells

Project Number: 3003.0050

TABLE 4-1
New Monitoring Well Information

Well ID	Depth	Stickup	Elevation	Screen Top	Screen Bottom	Grade Elevation	Diameter	MW Type	Hard Surface Type	Hard Surface Depth	Bentonite	Install Notes
SEM-WP-40AD	32	3.15	423.35	22	32	420.2	1	Stickup				Installed 2/23/04 by CKP
SEM-WP-40D	31.3	3.02	422.85	21.3	31.3	419.83	1	Stickup				Installed 2/20/04 by CKP
SEM-WP-41D	29	3.12	423.18	19	29	420.06	1	Stickup				Installed 2/20/04 by CKP
SEM-WP-42S	18.5	3.29	423.64	8	18	420.35	1	Stickup Flush				Installed 2/20/04 by CKP
SEM-WP-43S	14.5	-0.31	421.74	4	14	422.06	1	Mount Flush				Installed 2/20/04 by CKP
SEM-WP-44D	30.5	-0.35	421.33	20	30	421.68	1	Mount				Installed 2/20/04 by CKP
SEM-WP-45D	30.5	0.47	422.76	20	30	422.29	1	Stickup				Installed 2/19/04 by CKP Field Notes Labeled SB-46; however, actual location is 45D.
SEM-WP-46D	32	0.54	422.81	22	32	422.27	1	Stickup	Concrete	0.83	20	Installed 2/17/04 by HNB
SEM-WP-47D	32	0.6	422.72	2	12	422.11	1	Stickup	Concrete	0.71	0	Installed 2/18/04 by CKP
SEM-WP-48D	24	0.5	422.69	3	13	422.19	1	Stickup	Concrete	0.71	2.5	Installed 2/17/04 by HNB
SEM-WP-49D	24	0.56	422.82	3	13	422.26	1	Stickup	Concrete	0.75		Installed 2/18/04 by CKP Installed 2/19/04 HNB and CKP
SEM-WP-50D	30.5	0.64	422.93	21	31	422.29	1	Stickup	Concrete	0.71		Installed 2/19/04 by CKP Field Notes Reference Location as SB-57; however, actual was 51S.
SEM-WP-51S	20	0.57	422.73	5	15	422.16	1	Stickup				

Monitoring Wells

Project Number. 3003.0050

TABLE 4-1

New Monitoring Well Information

Well ID	Depth	Stickup	Elevation	Screen Top	Screen Bottom	Grade Elevation	Diameter	MW Type	Hard Surface Type	Hard Surface Depth	Bentonite	Install Notes
SEM-WP-52S	16	1.31	423.55	2	12	422.24	1	Stickup	Concrete			Installed 2/24/04 by HNB
SEM-WP-53S	16	1.32	422.95	2	12	421.63	1	Stickup	Concrete	0.75		Installed 2/24/04 by HNB
SEM-WP-54S	16	1.35	422.93	2	12	421.58	1	Stickup	Concrete	0.67		Installed 2/24/04 by HNB abandoned attempt then Successfully installed by CKP on same date.
SEM-WP-55S	16	3.22	425.54	2	12	422.33	1	Stickup	Concrete			Installed on 2/24/04 by HNB
SEM-WP-56S	16	3.25	425.64	1.5	11.5	422.39	1	Stickup Flush	Concrete	0.67		Installed on 2/24/04 by HNB
SEM-WP-57D	31.2	-0.38	422.72	21.2	31.2	423.1	1	Mount Flush	Asphalt			Installed on 2/9/04 by CKP
SEM-WP-57S	20		422.66	10	20	423.04	1	Mount	Weathered Asphalt			Installed on 2/11/04 by CKP
SEM-WP-58D	31.9	2.92	425.33	21.9	31.9	422.41	1	Stickup Flush	Weathered Asphalt			Installed on 2/23/04 by CKP
SEM-WP-60S	12	-0.46	421.95	2	12	422.41	1	Mount Flush	Weathered Asphalt			Installed on 2/23/04 by CKP
SEM-WP-61S	12	-0.34	422.59	2	12	422.93	1	Mount Flush	Weathered Asphalt			Installed on 2/23/04 by CKP
SEM-WP-62S	12	-0.42	421.98	2	12	422.4	1	Mount Flush	Weathered Asphalt			Installed on 2/23/04 by CKP
SEM-WP-63S	12	-0.35	422.23	2	12	422.59	1	Mount Flush	Weathered Asphalt			Installed on 2/25/04 by CKP
SEM-WP-64S	16	3.42	424.97	2	12	421.56	1	Stickup				Installed on 2/25/04 by CKP
SEM-WP-65D	32	3.31	425.74	22	32	422.43	1	Stickup				Installed on 2/25/04 by CKP
SEM-WP-66S	16	3	425.45	2	12	422.45	1	Stickup				Installed on 2/25/04 by CKP

well SEM-WP-57D), and the shallow wells have been labelled with an "S" identifier in connection with the boring number (i.e., well SEM-WP-61S).

Following placement of the well screen and riser pipe, the casing was withdrawn from the boreholes, and silica sand (No. 2) was then placed in the annular space surrounding the well screen. The silica sand extended approximately twelve (12) inches above the top of the screen. The remainder of the annular space was filled with hydrated granular bentonite.

The surface component of each well installed within the building was finished with a PVC cap (Boring locations SEM-SB-45; SEM-SB-46; SEM-SB-47; SEM-SB-48; SEM-SB-49; SEM-B-50; SEM-SB-51; SEM-SB-52; SEM-SB-53; SEM-SB-54; SEM-SB-55; SEM-SB-56; SEM-SB-64; SEM-SB-65; AND SEM-SB-66).

The temporary monitoring wells that were installed outside of the main building were finished with a locking expandable-locking J-plug and a steel protector. The wells installed within borings SEM-SB-40; SEM-SB-40A; SEM-SB-41; SEM-SB-42; and SEM-SB-58 were equipped with a four-inch diameter steel protective pipe embedded in concrete so as to extend approximately 2.5 to 3.5 feet above grade. The wells installed in borings SEM-SB-43; SEM-SB-44; SEM-SB-57(shallow and deep); SEM-SB-58; SEM-SB-60; SEM-SB-61; SEM-SB-62; AND SEM-SB-63 were equipped with a protective steel curb box/manway embedded in concrete so as to be flush with the ground surface.

The casing and all down-the-hole tools used in the installation of the wells were cleaned and decontaminated by washing with Alconox, followed by a clean water wash, and a distilled and de-ionized water rinse. Appendix B contains construction details for newly installed monitoring wells.

Following installation, the temporary wells were developed to remove fines suspended in the water column during the soil sampling and well installation activities, and to establish communication between the well screen and the surrounding native soil formation. The development process was accomplished

by removing several casing volumes of water using a peristaltic pump, until the turbidity of the purge water noticeably diminished and remained generally consistent, and field measurements of temperature, pH, and specific conductance had generally stabilized.

4.2 Surveying and Mapping

Following the completion of the field investigation, the location and elevation of the various soil borings and new monitoring wells were documented with respect to existing site features and previously established elevation benchmarks. The location of each point was documented by recording tie-in measurements to prominent features that had been located through a previous site survey conducted in connection with SEM's initial investigation in 2002. The well head and grade elevations at each point were measured by differential leveling with an automatic level and survey rod. SEM plotted the data generated through the surveying process on existing site drawings that had been prepared based on the original site survey data.

4.3 Temporary Monitoring Well Evacuation and Sampling Event

The temporary wells installed during the investigation were evacuated and sampled during the period of February 25 through March 4, 2004. Prior to disturbing the water within the wells, static water levels were recorded to the nearest 100th of a foot relative to the top of the PVC well casing (riser pipe) at which the well head elevations had been recorded. All measurements were recorded on the Monitoring Well Evacuation and Sampling Logs included in Appendix C. The water level meter was decontaminated prior to being lowered into each well by washing with an Alconox/water solution, followed by a distilled water rinse. The well bore volume was calculated from the static water level and well depth measurements.

Each well was purged by manual bailing, prior to sample collection, with dedicated, disposable polyethylene bailers. A minimum of three casing volumes were removed from each well during the evacuation process.

Field parameters (temperature, pH, and specific conductivity) were measured and recorded before, throughout, and after the well evacuation process. These measurements were also recorded on the attached Monitoring Well Evacuation and Sampling Logs (Appendix C). Purging activities were ceased when the calculated three well bore volumes were reached and the field parameters had stabilized. No floating product was encountered during purging and sampling of the wells. The evacuated water was temporarily containerized in fifty-five (55) gallon barrels, and subsequently removed from the site for treatment/disposal by Op-Tech.

Following the evacuation, each well was sampled for VOC (EPA Method 8021, including methyl tertiary butyl ether or MTBE) and target metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, and silver) within two hours after purging. The groundwater samples were collected using the dedicated disposable polyethylene bailer, and were subsequently transferred into laboratory supplied containers, labeled, and placed in a chilled cooler. The samples for VOC analysis were transported and relinquished to the NYSDEC's DER in-house laboratory in Rensselaer, New York, and the samples to be subjected to analysis for the target metals were transported and relinquished to Life Science Laboratories, Inc. of East Syracuse, New York. Field and trip blank samples were also collected for quality assurance/quality control (QA/QC) purposes and are presented in Appendix D.

The results of the laboratory analyses performed on the groundwater samples are discussed in Section 6 below. Copies of the laboratory analysis reports and sample custody documentation are included in Appendix D.

SECTION 5

SUMMARY OF INVESTIGATION FINDINGS-SOIL

5.1 Soil Lithology

The soil lithology encountered at the various boring locations in the course of the supplemental investigation was generally consistent with that observed across the site during the SEM's previous investigation performed in October 2002. The unconsolidated overburden that exists above the glacial till formation is predominantly comprised of reddish-brown to brownish-red to reddish-grey fine to very fine sand and silt (i.e., Silty Sand and Sandy Silt), with discontinuous lenses of fine to medium sand. The unconsolidated sediments above the till unit appear to be approximately 25 to 40 feet thick, and the underlying till unit appears to be composed of an unstratified and variable mix of particle sizes ranging from cobbles to clay with rock types that appear to be dominated by dolostone, shale and sandstone. The nature of the geology that exists beneath the till unit has not been investigated to date. Investigation logs documenting the specific lithology observed in each boring are included in Appendix A.

Saturated soil was consistently encountered at a depth of approximately 5.5 feet below grade.

5.2 Field PID Screening and Field Observations

The results of field PID screening of the soil samples recovered from the various borings advanced during the supplemental investigation are summarized in the tabulation (Table 5-1) on the following pages. This table also indicates the depths at which samples of soil were retained for laboratory analysis for VOC with respect to the PID screening results documented at those depths.

Boring Location
SEM-SB-40A

Depth Interval

Max. PID Screening Result (PPM)

Table J-1
Summary of Field PID Screening Results
Observations

Analytical Sample Collected

1 ft. 0.6
2 ft. 0.7
3-4 ft. 2.4
4-5.5 ft. 2.2
5-8 ft. 8.1
9 ft. 5.8
10-11 ft. 3.9
12 ft. 5.9
13 ft. 19
14-15 ft. 19.5
16 ft. 19.6
17 ft. 14.7
18-19 ft. 20.9
20 ft. 10.5
21 ft. 7.6
22-23 ft. 10.9
24 ft. 15.4
25 ft. 9.5
26-27 ft. 6.5
28 ft. 8
29 ft. 8
30 ft. 6
31 ft. 8.4

1-2 ft. 5.8
2-4 ft. 4.4
4-5.5 ft. 4.2
5-8 ft. 4.4
8-9.5 ft. 3.6
9-12 ft. 3.6
13 ft. 3.6
14-15 ft. 3.2
16 ft. 3.5
17 ft. 2.5
18-19 ft. 3
20 ft. 4.2
21 ft. 3.7
22-23 ft. 3.9
24 ft. 2.8
25 ft. 6.2
26-27 ft. 6.1
28 ft. 5.3
29 ft. 4.3
30 ft. 5.3
31 ft. 7.4

SEM-SB-40

Summary of Field PID Screening Results

Boring Location	Depth Interval	Max. PID Screening Result (PPM)	Observations	Analytical Sample Collected
SEM-SB-41	1 ft.	8.7		
	2-4 ft.	6.4		2.0 to 2.5 ft. Grab
	5-5.5 ft.	11.2		
	5.5 to 8 ft.	19.7		5.5 to 6.0 ft. Grab
	8-10 ft.	6.3		
	10-12 ft.	8.1		10.0 to 10.5 ft. Grab
	13 ft.	9.1		
	14-15 ft.	9.9		14.0-14.5 ft. Grab
	16 ft.	10.7		
	17 ft.	5		
	18-19 ft.	8.7		18.0 to 18.5 ft. Grab
	20 ft.	7.3		
	21 ft.	8.5		
	22-23 ft.	6.7		22.0 to 22.5 ft. Grab
	24 ft.	6.7		
	25 ft.	8.5		
	26-27 ft.	10.6		26.0 to 26.5 ft. Grab
	28 ft.	10.6		28.0 to 28.5 ft. Grab
	29 ft.	10.3	Very Dense	
SEM-SB-42	0-2 ft.	3.9		2.0 to 2.5 ft. Grab
	2-4 ft.	4.1		
	5 ft.	1.5		5.0 to 5.5 ft. Grab
	6-8 ft.	3.9		
	9 ft.	2.6		
	10-11 ft.	7.8		10.0 to 10.5 ft. Grab
	12 ft.	3.8		
	13 ft.	3.9		
	14-15 ft.	4.8		14.0 to 14.5 ft. Grab
	16 ft.	5.3		
	17 ft.	6.7		
	18-19 ft.	3.1		18.0 to 18.5 ft. Grab
	20 ft.	1.7		
SEM-SB-43	1 ft.	3.5		
	2-4 ft.	1.4		2.0 to 2.5 ft. Grab
	4-6 ft.	4.2		5.5 to 6.0 ft. Grab
	7-8 ft.	5.4		
	9 ft.	0.3		
	10-11 ft.	3.7		10.0 to 10.5 ft. Grab
	12 ft.	3.5		
	13 ft.	2.9		
	14-15 ft.	4.9		14.0 to 14.5 ft. Grab
	16 ft.	3.7		

Table 3-1
Summary of Field PID Screening Results

Boring Location	Depth Interval	Max. PID Screening Result (PPM)	Observations	Analytical Sample Collected
SEM-SB-44	1-2 ft.	2		2.0 to 2.5 ft. Grab
	3-4 ft.	32.8		
	5 ft.	32.5		5.0 to 5.5 ft. Grab
	6-7 ft.	14.3		
	8 ft.	4.1		
	9 ft.	0.9		
	10 -11 ft.	2.2		10.0 to 10.5 ft. Grab
	12 ft.	4		
	13 ft.	2.3		
	14-15 ft.	4.5		14.0 to 14.5 ft. Grab
	16 ft.	4.3		
	17 ft.	2.3		
	18-19 ft.	3.1		18.0 to 18.5 ft. Grab
	20 ft.	2.7		
	21 ft.	1.5		
	22-23 ft.	1.9		22.0 to 22.5 ft. Grab
	24 ft.	1.5		
	25 ft.	1.9		
	26-27 ft.	2.2		26.0 to 26.5 ft. Grab
	28 ft.	2.8		
	29 ft.	1.7		
	30 ft.	2.8		
	31 ft.	3.2		30.5 to 31.0 ft. Grab
SEM-SB-45	1-2 ft.	1.5		
	2 ft.	1.2		
	3-4 ft.	2.3		3.5 to 4.0 ft. Grab
	5-6 ft.	6		5.5 to 6.0 ft. Grab
	6-7 ft.	286		
	7-8 ft.	136		
	8-9 ft.	10.8		
	9-10 ft.	11.3		
	10-11 ft.	16.7		10.0 to 10.5 ft. Grab
	12-13 ft.	3.7		
	13-14 ft.	2.9		
	14-15 ft.	3.1		14.0 to 14.5 ft. Grab
	16-17 ft.	4.7		
	17-18 ft.	3.8		
	18-19 ft.	3.5		18.0 to 18.5 ft. Grab
	20-21 ft.	0.7		
	22-23 ft.	ND		22.0 to 22.5 ft. Grab
	24-25 ft.	0.1		
	26-27 ft.	ND		26.0 to 26.5 ft. Grab
	30-31 ft.	ND		30.0 to 30.5 ft. Grab

Slight Green-Blue Discoloration Present.

Boring Location	Depth Interval	Max. PID Screening Result (PPM)	Summary of Field PID Screening Results	Analytical Sample Collected		
SEM-SB-46	1 ft.	1.5	Slight Green-Blue coloration			
	2-3 ft.	1.2				
	4 ft.	2.3				
	5 ft.	6			3.5 to 4.0 ft. Grab	
	6-7 ft.	286			5.5 to 6.0 ft. Grab	
	8 ft.	136				
	9 ft.	10.8				
	10 -11 ft.	11.3			10.0 to 10.5 ft. Grab	
	12 ft.	16.7				
	13 ft.	3.7				
	14-15 ft.	2.9			14.0 to 14.5 ft. Grab	
	16 ft.	3.1				
	17 ft.	4.7				
	18-19 ft.	3.8			18.0 to 18.5 ft. Grab	
	20 ft.	3.5				
	21 ft.	0.7				
	22-23 ft.	ND			22.0 to 22.5 ft. Grab	
	24 ft.	0.1				
	25 ft.	ND				
	26-27 ft.	ND			26.0 to 26.5 ft. Grab	
	28 ft.	ND				
	29 ft.	ND				
	30 ft.	ND			30.0 to 30.5 ft. Grab	
	31 ft.	ND				
	32 ft.	ND				
	SEM-SB-47	1 ft.		86.5	Strong solvent-like odor	
		2-3 ft.		97.7	Strong solvent-like odor	
		4 ft.		1721	Strong solvent-like odor	3.5 to 4.0 ft. Grab
		5 ft.		2855	Strong solvent-like odor	
		6-7 ft.		3791	Strong solvent-like odor	5.5 to 6.0 ft. Grab
		8 ft.		537	Strong solvent-like odor	
		9 ft.		89.9	Solvent-like odor present	10.0 to 10.5 ft. Grab
10 -11 ft.		252	Solvent-like odor present			
12 ft.		165	Solvent-like odor present			
13 ft.		28.7		14.0 to 14.5 ft. Grab		
14-15 ft.		28.7				
16 ft.		28.7				
17 ft.		33.7				
18-19 ft.		15.2		18.0 to 18.5 ft. Grab		
20 ft.		8.8				
21 ft.		7.2				
22-23 ft.		4.1		22.0 to 22.5 ft. Grab		
24 ft.		3.7				
25 ft.		3.1				
26-27 ft.		3.1		27.0 to 27.5 ft. Grab		
28 ft.		8.2				
29 ft.		8.1				
30 ft.		8.1		30.0 to 30.5 ft. Grab		
31 ft.	8.1					

Strategic Environmental Management, Inc.



Boring Location
SEM-SB-48

Depth Interval

1.5 ft.
2 ft.
3 ft.
4 ft.
5 ft.
6 ft.
7 ft.
8 ft.
9 ft.
10 ft.
11 ft.
12 ft.
13 ft.
14 ft.
15 ft.
16 ft.
17 ft.
18 ft.
19 ft.
20 ft.
22 ft.

Max. PID Screening Result (PPM)

1824
3183
1809
3440
8222
6030
3774
2809
1594
3447
1148
1043
140
135
63
30
9.3
9.3
9.3
9.3
9.3
ND

Observations

Solvent Odor.

Very Strong apparent solvent odor.

Possible coloration in soil at 5.5 to 7 ft.

Very Strong apparent solvent odor.

Organic Odor Apparent.

Obstruction Noted: believed to be rock in cutting shoe resulting in poor sample recovery

Analytical Sample Collected

1.5 ft. Grab

4.0 ft. Grab
5.5 ft. Grab
6.0 ft. Grab

10.0 ft. Grab

13.0 ft. Grab

16.5 ft. Grab

22.0 ft. Grab

3.5 to 4.0 ft. Grab
6.0 to 6.5 ft. Grab
8.0 to 8.5 ft. Grab

14.0 to 14.5 ft. Grab

18.0 to 18.5 ft. Grab

22.0 to 22.5 ft. Grab

26.0 to 26.5 ft. Grab

30.5 to 31.0 ft. Grab

SEM-SB-49

1 ft.
2-4 ft.
5 ft.
6-7 ft.
8 ft.
9 ft.
10 -11 ft.
12 ft.
13 ft.
14-15 ft.
16 ft.
17 ft.
18-19 ft.
20 ft.
21 ft.
22-23 ft.
24 ft.
25 ft.
26-27 ft.
28 ft.
29 ft.
30 ft.
31 ft.

Strong solvent-like odor
Strong solvent-like odor
Strong solvent-like odor
Strong solvent-like odor

724
757
2697
2759
617
294
170
248
57.7
68
69
23.9
10.4
11.8
ND
ND
ND
ND
ND
11.5
6.3
17.1

Table 1
Summary of Field PID Screening Results

Table 3-1
Summary of Field PID Screening Results

<u>Boring Location</u>	<u>Depth Interval</u>	<u>Max. PID Screening Result (PPM)</u>	<u>Observations</u>	<u>Analytical Sample Collected</u>
SEM-SB-50	1 ft.	10.6		
	2 ft.	16.6		
	3 ft.	3200	Solvent-like odor evident	
	4 ft.	>9999	Solvent-like odor evident	3.5 to 4.0 ft. Grab
	5 ft.	251		
	6 ft.	44.8		
	7 ft.	4.6		5.5 ft. Grab
	8 ft.	4.9		
	9 ft.	346		
	10 ft.	32.9		
	11 ft.	4.8		9.0 ft. Grab
	12 ft.	4.1		
	13 ft.	2.1		
	14 ft.	1.8		
	15 ft.	1.4		14.0 ft. Grab
	16 ft.	1.3		
	17 ft.	5.6		
	18 ft.	4.3		
	19 ft.	9.6		
	20 ft.	6.1		18.0 to 18.5 ft. Grab
	21 ft.	58.1		
	22 ft.	65.4		
	23 ft.	5.4		22.0 to 22.5 ft. Grab
	24 ft.	1.4		
	25 ft.	5.6		
	26-27 ft.	5.8		26.0 to 26.5 ft. Grab
	28 ft.	4		
	29 ft.	1.6		
	30 ft.	1.8		30.0 to 30.5 ft. Grab
	31 ft.	2.1		
SEM-SB-51	1-2 ft.	208		
	2-3 ft.	54.9	Strong solvent-like odor present.	
	3-4 ft.	58.1	Heavy Black and Green staining present.	3.5 to 4.0 ft. Grab
	4-5 ft.	1127		
	5-6 ft.	297		
	6-7 ft.	4557		6.0-6.5 ft. Grab
	7-8 ft.	1140		
	8-9 ft.	325		
	9-10 ft.	169		
	10-11 ft.	42.9		10.0-10.5 ft. Grab
	11-12 ft.	27.9		
	12-13 ft.	7.8		
	13-14 ft.	19.5		
	14-15 ft.	8.4		14.0-14.5 ft. Grab
	16-17 ft.	0.1		

Table 5-1
Summary of Field PID Screening Results

<u>Boring Location</u>	<u>Depth Interval</u>	<u>Max. PID Screening Result (PPM)</u>	<u>Observations</u>	<u>Analytical Sample Collected</u>
SEM-SB-52	2-3 ft.	1.2		
	4 ft.	2.6		
	4-6 ft.	12.3		3.5 to 4.0 ft. Grab
	6-8 ft.	5.2		4.5 to 5.0 ft. Grab
	9 ft.	0.8		
	10 ft.	0.8		
	11 ft.	1		10.0 to 10.5 ft. Grab
	12 ft.	1.1		
	13 ft.	5.2		
	14 ft.	1		13.0 to 13.5 ft. Grab
	15 ft.	1.1		
	16 ft.	2.6		
	1 ft.	3.4	Strong Odor (apparent Gasoline)	
	2 ft.	22.2	Strong Odor (apparent Gasoline)	
	3 ft.	54.6	Strong Odor (apparent Gasoline)	
	4 ft.	207	Strong Odor (apparent Gasoline)	3.5 to 4.0 ft. Grab
SEM-SB-54	5 ft.	168	Strong Odor (apparent Gasoline)	4.5 to 5.0 ft. Grab
	6 ft.	8.9		
	7 ft.	21		
	8 ft.	8.4		
	9 ft.	2.2		
	10 ft.	2.8		
	11 ft.	2.6		
	12 ft.	1.8		11.5 to 12.0 ft. Grab
	1-2 ft.	0.7	Slight solvent-like odor	
	2-3 ft.	15.8		
	3-4 ft.	50.9		3.5-4.0 ft. Grab
	4-5 ft.	16.6		
	5-6 ft.	8.8		5.5-6.0 ft. Grab
	6-7 ft.	6.5		
	8-9 ft.	3.8		
SEM-SB-55	9-10 ft.	5.1		
	10-11 ft.	3.2		10.0-10.5 ft. Grab
	12-13 ft.	2.4		
	13-14 ft.	3.2		
	14-15 ft.	3		14.0-14.5 ft. Grab
	1 ft.	24.3	Strong Odor (apparent Gasoline)	
	2 ft.	35.7	Strong Odor (apparent Gasoline)	
	3 ft.	197	Strong Odor (apparent Gasoline)	
	4 ft.	467	Strong Odor (apparent Gasoline)	3.5 to 4.0 ft. Grab
	5 ft.	987	Strong Odor (apparent Gasoline)	4.5 to 5.0 ft. Grab
	6 ft.	36.0		
	7 ft.	8.4		
	8 ft.	7.3		
	9 ft.	1.6		
	10 ft.	1.6		10.5 to 11.0 ft. Grab
	11 ft.	1.5		
SEM-SB-56	12 ft.	1.3		
	13 ft.	1.1		
	14 ft.	0.9		
	15 ft.	ND		15.5 to 16.0 ft. Grab
	16 ft.	ND		

Table 3-1
Summary of Field PID Screening Results
Observations

Boring Location	Depth Interval	Max. PID Screening Result (PPM)	Analytical Sample Collected
SEM-SB-56	1 ft.	ND	2.0 to 2.5 ft. Grab
	2 ft.	1.5	
	3 ft.	ND	
	4 ft.	0.2	
	5 ft.	74.0	5.2 to 5.7 ft. Grab
	6 ft.	29.7	
	7 ft.	3.8	
	8 ft.	2.2	
	9 ft.	0.3	11.0 ft. Grab
	10 ft.	0.2	
	11 ft.	7.2	
	12 ft.	6.5	
	13 ft.	1.3	15.5 to 16.0 ft. Grab
	14 ft.	1.2	
	15 ft.	0.8	
	16 ft.	0.7	
SEM-SB-57	1 ft.	208	3.5 to 4.0 ft. Grab
	2 ft.	54.9	
	3 ft.	58.1	
	4 ft.	1127	
	5 ft.	297	6.0 to 6.5 ft. Grab
	6 ft.	4557	
	7 ft.	1140	
	8 ft.	325	
	9 ft.	169	10.0 to 10.5 ft. Grab
	10-11 ft.	42.9	
	12 ft.	27.9	
	13 ft.	7.5	
	14-15 ft.	19.8	14.0-14.5 ft. Grab
	16 ft.	8.4	
	17 ft.	0.1	
	18 ft.	ND	
SEM-SB-58	19 ft.	ND	18.0 to 18.5 ft. Grab
	20 ft.	ND	
	1-2 ft.	ND	
	5-6 ft.	ND	
	14-15 ft.	ND	1.5 to 2.0 ft. Grab
	18-19 ft.	ND	
	22-23 ft.	ND	
	26-27 ft.	ND	
	30-31 ft.	ND	5.5 to 6.0 ft. Grab
	2-3 ft.	ND	
	5-6 ft.	ND	
	10-11 ft.	ND	
	14-15 ft.	ND	10.0 to 10.5 ft. Grab
	18-19 ft.	ND	
	22-23 ft.	ND	
	26-27 ft.	ND	
SEM-SB-59	30-31 ft.	ND	14.0 to 14.5 ft. Grab
	2-3 ft.	ND	
	5-6 ft.	ND	
	10-11 ft.	ND	
	14-15 ft.	ND	18.0 to 18.5 ft. Grab
	18-19 ft.	ND	
	22-23 ft.	ND	
	26-27 ft.	ND	
	30-31 ft.	ND	26.0 to 26.5 ft. Grab
			30.0 to 30.5 ft. Grab

Strong solvent-like odor evident
Very strong solvent-like odor evident
Very strong solvent-like odor evident

Table 3-1
Summary of Field PID Screening Results
Observations

Boring Location	Depth Interval	Max. PID Screening Result (PPM)	Analytical Sample Collected
SEM-SB-60	1 ft.	5.1	
	2-3 ft.	6.4	2.0 to 2.5 ft. Grab
	4 ft.	6.3	
	5 ft.	6.1	5.0 to 5.5 ft. Grab
	6-7 ft.	7.3	
	8 ft.	9.3	
	9 ft.	4.6	
	10-11 ft.	5.2	10.0 to 10.5 ft. Grab
	12 ft.	4.7	
SEM-SB-61	1 ft.	5.3	
	2-3 ft.	8.0	2.0 to 2.5 ft. Grab
	4 ft.	5.8	
	5 ft.	5.3	5.5 to 6.0 ft. Grab
	6-7 ft.	5.3	
	8 ft.	5.3	
	9 ft.	4.4	
	10-11 ft.	4.1	10.0 to 10.5 ft. Grab
	12 ft.	3.1	
SEM-SB-62	1-2 ft.	3.8	
	2-4 ft.	2.7	2.0 to 2.5 ft. Grab
	4-6 ft.	4.4	5.5 to 6.5 ft. Grab
	6-8 ft.	5.5	
	9 ft.	4.9	
	10-11 ft.	4.6	10.0 to 10.5 ft. Grab
	12 ft.	4.4	
SEM-SB-63	1 ft.	3.5	
	2-3 ft.	7.4	3.0 to 3.5 ft. Grab
	4 ft.	5.2	
	5 ft.	5.5	5.5 to 6.0 ft. Grab
	6-7 ft.	6.1	
	8 ft.	6	
	9 ft.	5.1	
	10-11 ft.	4.4	10.0 to 10.5 ft. Grab
	12 ft.	4.4	
SEM-SB-64	1-2 ft.	>9999	
	2-3 ft.	>9999	0.0 to 0.5 ft. Grab
	3-4 ft.	>9999	
	4-5 ft.	>9999	
	5-6 ft.	>9999	5.5 to 6.0 ft. Grab
	6-7 ft.	154	
	7-8 ft.	8.3	
	8-9 ft.	18.9	
	9-10 ft.	21.3	
	10-11 ft.	16.1	10.0 to 10.5 ft. Grab
	12-13 ft.	18.9	
	13-14 ft.	18.3	
	14-15 ft.	4.8	14.0 to 14.5 ft. Grab

Boring Location
SEM-SB-65

Depth Interval

Max. PID Screening Result (PPM)

Table J-1
Summary of Field PID Screening Results
Observations

Analytical Sample Collected

0-1 ft.
2-3 ft.
3-4 ft.
4-5 ft.
5-6 ft.
8-9 ft.
9-10 ft.
10-11 ft.
11-12 ft.
12-13 ft.
13-14 ft.
14-15 ft.
16-17 ft.
17-18 ft.
18-19 ft.
20-21 ft.
21-22 ft.
22-23 ft.
24-25 ft.
25-26 ft.
26-27 ft.
28-29 ft.
29-30 ft.
30-31 ft.

1-2 ft.
2-3 ft.
3-4 ft.
4-5 ft.
5-6 ft.
6-7 ft.
8-9 ft.
9-10 ft.
10-11 ft.
12-13 ft.
13-14 ft.
14-15 ft.

130
530
205.0
522
56
2.1
8.5
59.2

1
15.2
15.7
1.3
4.4
1.7
0.7
0.7
0.5
0.3
0.8
0.7
1.1
1.1
0.3

2.0 to 2.5 ft. Grab

5.5 to 6.0 ft. Grab

11.5 to 12.0 ft. Grab

14.0 to 14.5 ft. Grab

18.0 to 18.5 ft. Grab

22.0 to 22.5 ft. Grab

26.0 to 26.5 ft. Grab

30.0 to 30.5 ft. Grab

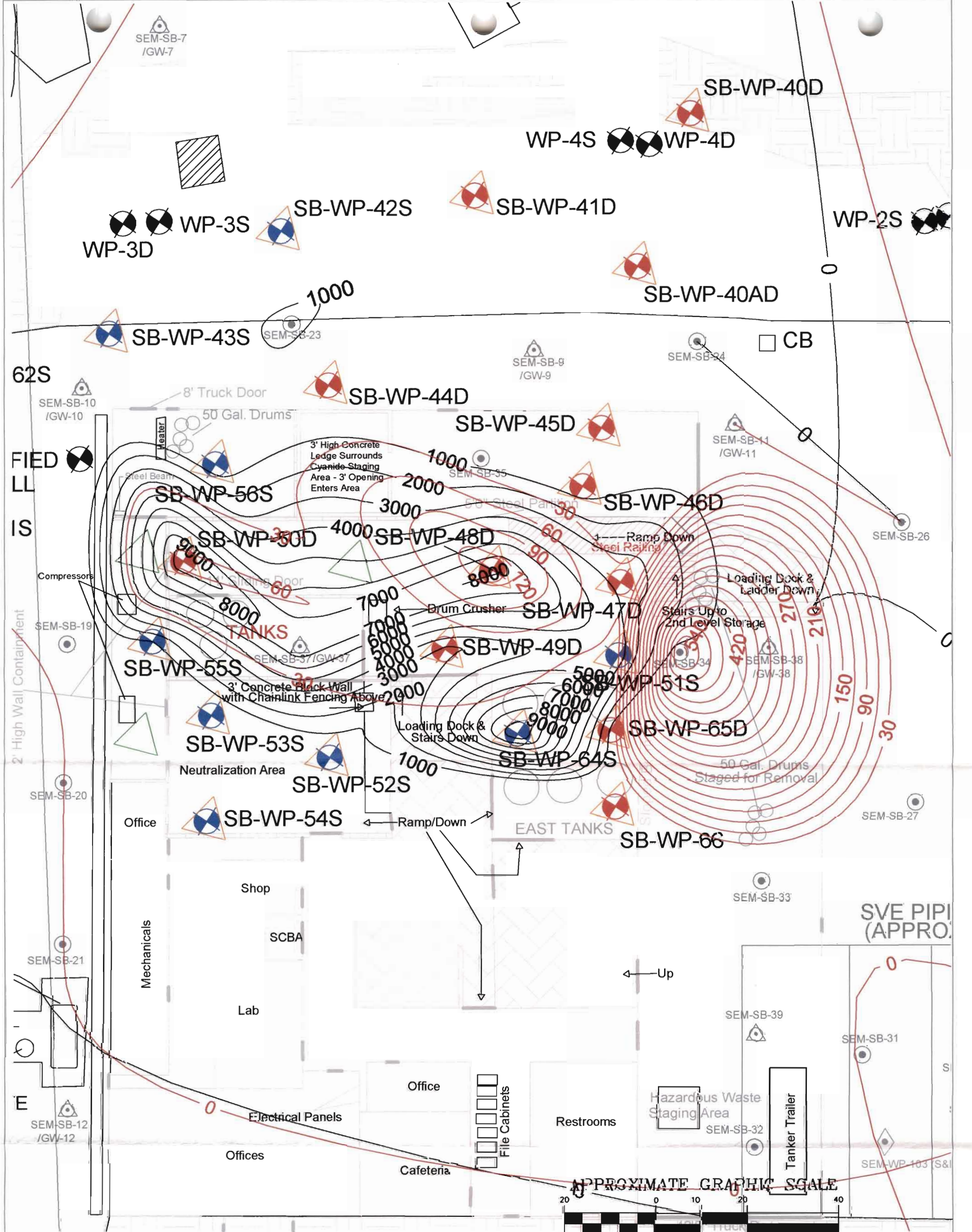
2.0 to 2.5 ft. Grab

5.5 to 6.0 ft. Grab

10.0 to 10.5 ft. Grab

14.0 to 14.5 ft. Grab

SEM-SB-66



- Legend**
- SEPTIC SYSTEM MANHOLE
 - GROUNDWATER MONITORING WELL (EXISTING)
 - PNEUMOMETER (EXISTING)
 - DRAINAGE DITCH (EXISTING)
 - POWER POLE
 - CATCH BASIN
 - PRIOR SOIL BORINGS
 - MEASURED WELL (4" OR 6" DIAMETER)
 - PRIOR SOIL BORINGS WITH (20) 3/8" (1.5") DIAMETER
 - ELEVATED PORTION OF BUILDING
 - HALLWAY
 - BUILDING WALL
 - DOOR, OPENING, OR PASSAGEWAY
 - REMOVABLE STRUCTURAL ELEMENT
 - DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
 - SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
 - BORING ATTEMPT - REFUSAL
 - PID READING ISOPLETH (AFTER 12 FEET)
 - PID READING ISOPLETH (BELOW 12 FEET)

PID ISOPLETH MAP
Northern Building Detail
Supplemental Subsurface Investigation
Former Northeast Environmental Services, Inc.
Canal St. Road, Lenox, New York
NYSDEC SPILL NO.: 01-60024 PIN H-0529



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MAP NOTES:
Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Figure: 3A
SEM File No.: 3003.0050.06.04
Date: October 2003
Revised: October 6, 2004
Drawn By: A. Lee / C.K. Prothro
Filename: NES PID Isopleths
Revised 10-6-04

.1D

WP-2S WP-2D

SB-WP-40AD

CB

SEM-SB-24

SEM-SB-11 /GW-11

SEM-SB-26

SB-WP-46D

Ramp Down
Steel Railing

Loading Dock &
Ladder Down

Stairs Up to
2nd Level Storage

SEM-SB-34

SEM-SB-38 /GW-38

SB-WP-51S

SB-WP-65D

50 Gal. Drums
Staged for Removal

SEM-SB-27

WP-6D

WP-6S

SB-WP-66

SEM-SB-33

SVE PIPING
(APPROX.)

EASTERN SOIL VAPOR
EXTRACTION SYSTEM
REMEDIATION SHED

SB-WP-58D

SB-WP-59D
(Boring Only)

TOP OF BANK

SEM-SB-39

SEM-SB-31

SEM-SB-30

SEM-SB-13 /GW-13

SEM-SB-29

Hazardous Waste
Staging Area

SEM-SB-32

Tanker Trailer

SEM-WP-103 S&D

SEM-SB-25

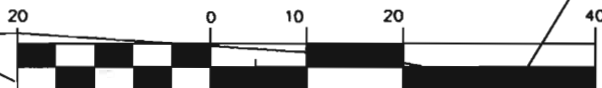
40'5" Truck Door

SEM-SB-25

SB-WP-57D

SB-WP-57S

APPROXIMATE GRAPHIC SCALE



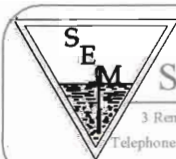
(IN FEET)

1 inch = 20 ft.

Legend

- SEPTIC SYSTEM MANHOLE
- GROUNDWATER MONITORING WELL (EXISTING)
- PIEZOMETER (EXISTING)
- DRAINAGE DITCH (EXISTING)
- POWER POLE
- CATCH BASIN
- PRIOR SOIL BORINGS
- WELL HEADS AND VALVES WITH GROUNDWATER SAMPLES
- PRIOR SOIL BORINGS WITH GROUNDWATER SAMPLES
- ELEVATED PORTION OF BUILDING
- HALLWAY
- BUILDING WALL
- DOOR, OPENING, OR PASSAGEWAY
- REMOVABLE STRUCTURAL ELEMENT
- DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
- SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
- BORING ATTEMPT - REFUSAL
- PID READING ISOPLETH (ABOVE 12 FEET)
- PID READING ISOPLETH (BELOW 12 FEET)

PID ISOPLETH MAP
Southeastern Building Detail
Supplemental Subsurface Investigation
Former Northeast Environmental Services, Inc.
Canal St. Road, Lenox, New York
NYSDEC SPILL NO.: 01-60024 PIN H-0529



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MAP NOTES:

Base drawing derived from WCT
Surveyors, P.C. survey conducted
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prepared to illustrate site features that
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map suitable for property transfer or
construction purposes.

Figure: 3B

SEM File No.: 3003.0050.06.04
Date: October 2003
Revised: October 6, 2004
Drawn By: A. Lee / C.K. Prothro
Filename: NES PID Isopleths
Revised 10-6-04

The above tabulated PID screening data was utilized in conjunction with field PID screening values documented in soil at the borings previously advanced in and around the building by SEM in October 2002 to create the isopleth maps (Figures 3A and 3B) presented on the following pages. These maps are intended to provide a graphic depiction of inferred VOC distribution in soil across the area of study.

5.3 Laboratory Analysis Results-Metals

The results of the metals analyses performed on soil samples from the various borings are summarized in the following table (Table 5-2). Additionally, Figures 4A through 4H provide a graphic documentation of the metals that were detected at concentrations at or exceeding the respective Recommended Soil Cleanup Objective established in *TAGM 4046* and the location of such exceedences. The occurrences of metals detected in excess of the *TAGM 4046* values during the October 2002 investigation are similarly depicted on the Figures in grey-scale font, to provide a complete depiction of the available data on heavy metal distribution. Each metal detected above the *TAGM 4046* Cleanup Objectives is presented on an individual drawing, as follows:

Figure 4A	-	Arsenic Results
Figure 4B	-	Cadmium Results
Figure 4C	-	Chromium (Total) Results
Figure 4D	-	Copper Results
Figure 4E	-	Lead Results
Figure 4F	-	Nickel Results
Figure 4G	-	Selenium Results
Figure 4H	-	Barium Results

Table 5-2
Summary of Soil Metals Results vs. TAGM 4046 Values
(mg/kg)
Former NYS Site
SEM File Number 3003.0050

Constituent	TAGM	SB-40A		SB-40		SB-41		SB-42		SB-43		SB-44		SB-45		SB-46	
		20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	20-2.5'	5.0-5.5'	3.5-4.0'	5.5-6.0'	1.5'	5.5-6.8'
Arsenic	7.5	3.2	1.6	6.2	1.4	4.4	1.8	2.6	1.2	6.5	4	2.6	ND	5.1	1.3	ND	3.9
Barium	300	88	11	95	ND	250	ND	66	ND	99	45	41	23	95	ND	28	47
Cadmium	1	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
Chromium	10	12	5.3	13	5.3	13	4.8	13	3.8	17	8.2	7	9.8	14	4.9	7.1	8.3
Copper	25	12	27	19	12	8.8	11	7.7	12	52	21	10	20	17	14	17	11
Lead	400	11	3.5	5.7	3.1	5.1	2.7	4.9	2.9	11	3.7	3.9	3.7	6.1	3.4	48	4.1
Mercury	0.1	0.097	0.053	ND	ND	0.032	ND	0.054	ND	ND	ND	ND	ND	ND	ND	0.0036	ND
Nickel	13	10	6.2	14	5.8	18	6.1	13	4.6	15	8.6	7.2	11	17	6.4	6.3	8.9
Selenium	2	2.2	ND	1.4	ND	2.6	ND	1	ND	1.4	ND	0.91	1.2	1.5	ND	ND	1.8
Silver	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND

Constituent	TAGM	SB-47		SB-48		SB-49		SB-50		SB-51		SB-52		SB-53	
		3.5-4.0'	5.5-6.0'	1.8'	6.0'	3.5-4.0'	6.0-6.5'	0.5'	5.5'	3.5-4.0'	6.0-6.5'	1.5'	3.5-4.0'	4.0-4.5'	3.5'
Arsenic	7.5	14	ND	ND	1.2	ND	ND	4.2	ND	ND	2.1	ND	2	ND	5.4
Barium	300	120	33	66	ND	20	ND	98	91	20	20	77	91	53	80
Cadmium	1	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	10	15	15	130	8.4	14	12	14	5.2	9.1	15	14	11	10	14
Copper	25	16	41	220	16	970	280	400	16	28	23	18	8.8	11	14
Lead	400	7	7.4	610	3.6	7	7.6	26	3.8	10	4.8	9.1	5.4	5.2	5.7
Mercury	0.1	ND	ND	0.072	ND	ND	ND	0.054	ND	ND	ND	ND	ND	ND	ND
Nickel	13	13	15	8.5	10	11	11	10	6.8	7.5	18	12	9.4	7.6	14
Selenium	2	2.6	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	1.1
Silver	--	ND	ND	ND	ND	1.4	1.7	ND	ND	3.8	ND	ND	ND	1.8	ND

Constituent	TAGM	SB-54		SB-55		SB-56		SB-57		SB-58		SB-59	
		3.5-4.0'	5.5-6.0'	5.0'	5.0' (DUP)	10.5-11.0'	15.5-16.0'	0.75-1.0'	0.75-1.0' (DUP)	5.2'	2.9-3.3'	5.5-6.0'	20-2.5'
Arsenic	7.5	4	ND	4.8	2	2.5	ND	ND	ND	16	ND	ND	ND
Barium	300	110	46	45	35	85	110	110	86	39	26	46	ND
Cadmium	1	ND	ND	ND	ND	ND	ND	3.1	2.1	ND	ND	ND	ND
Chromium	10	12	9	9.7	5.4	5.1	7.5	130	46	6.7	10	9.2	6
Copper	25	18	12	17	11	15	13	360	170	66	—	—	—
Lead	400	13	5.1	3.9	5	3.6	5.3	470	110	6	6.3	5	4.5
Mercury	0.1	0.069	ND	ND	ND	ND	ND	0.2	0.08	ND	ND	ND	ND
Nickel	13	10	10	11	5.8	6.5	9.1	16	14	7.7	—	—	—
Selenium	2	2.2	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND
Silver	--	ND	ND	ND	ND	ND	ND	ND	1.1	4.3	1.1	ND	3.6

Constituent	TAGM	SB-60		SB-61		SB-62		SB-63		SB-64		SB-65		SB-66	
		20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	30-3.5'	0.0-5'	5.5-6.0'	20-2.5'	5.5-6.0'	20-2.5'	5.5-6.0'	5.5-6.0'
Arsenic	7.5	ND	1.1	ND	ND	ND	ND	ND	3.2	2.3	ND	2.5	3.5	3.4	3.4
Barium	300	32	ND	21	ND	32	33	30	100	21	82	28	98	40	40
Cadmium	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	10	17	7.4	12	4.7	15	9.4	8.8	14	9.3	9.3	6.3	11	11	11
Copper	25	18	15	18	11	18	18	18	6.8	13	14	13	17	14	14
Lead	400	7.4	3	5.7	2.6	6.1	4.3	15	6.7	3.5	61	4.2	19	4.4	4.4
Mercury	0.1	0.055	ND	0.034	ND	0.037	ND	0.13	0.084	ND	0.085	ND	0.084	0.029	0.029
Nickel	13	14	8.8	10	5.6	13	11	9	17	11	7.6	7	9.4	11	11
Selenium	2	ND	ND	ND	1.5	ND	ND	ND	1.7	ND	ND	ND	2.5	1.2	1.2
Silver	--	ND	ND	ND	ND	1.4	ND	2.2	ND	ND	ND	ND	ND	ND	ND

Notes: All values are in parts-per-million (ppm)
 ND=Not Detected (i.e., below method detection limits)
 TAGM values represent The Recommended Soil Cleanup Objective published in the NYSDEC's Technical and Administrative Guidance Memorandum No. 4045 (TAGM 4045)
 Bold and Shaded cell indicate compound concentration that exceeds corresponding TAGM 4046 Recommended Soil Cleanup Objective

Former Northeast Environmental Services, Inc.
Canal St. Road, Lenox, New York
NYSDEC SPILL NO.: 01-60024 PIN H-0529

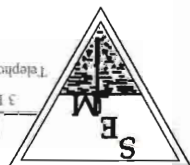
MAP NOTES:
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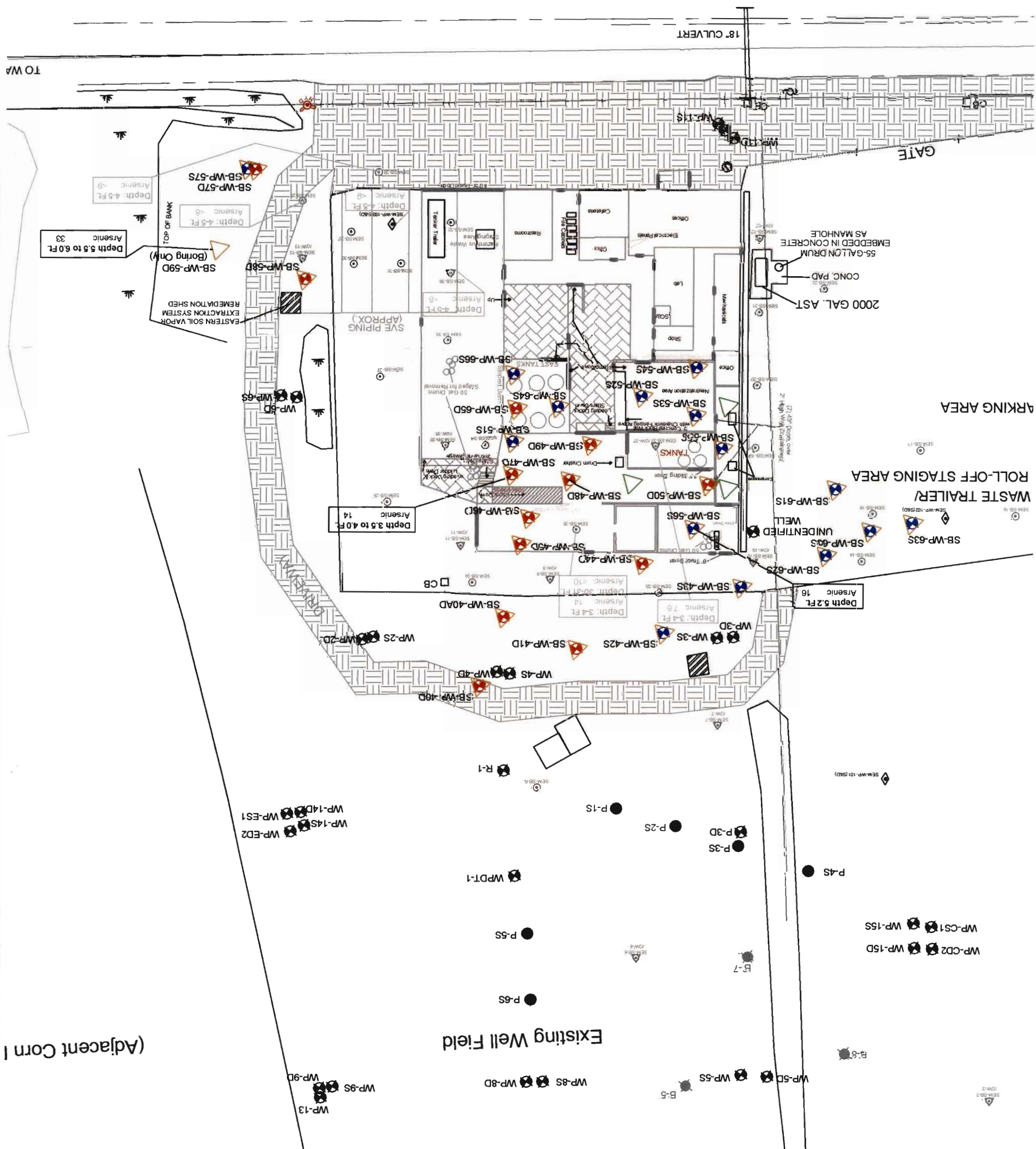
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

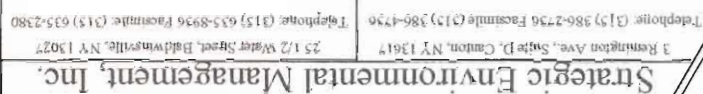
Telephone: (315) 635-8936 Facsimile: (315) 635-2380



	SEPTIC SYSTEM MANHOLE		GROUNDWATER MONITORING WELL (EXISTING)	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES (SEP - 2002)
	PIEZOMETER (EXISTING)			
	DRAINAGE DITCH (EXISTING)			
	POWER POLE			
	CATCH BASIN			
	PRIOR SOIL BORINGS (SEP- 2002)			
	MONITORING WELL (ONE INCH DIAMETER) (SEM - 2002)			
	REMOVABLE STRUCTURAL ELEMENT			
	DOOR OPENING, OR PASSAGWAY			
	BUILDING WALL			
	HALLWAY			
	ELEVATED PORTION OF BUILDING			

APPROXIMATE GRAPHIC SCALE





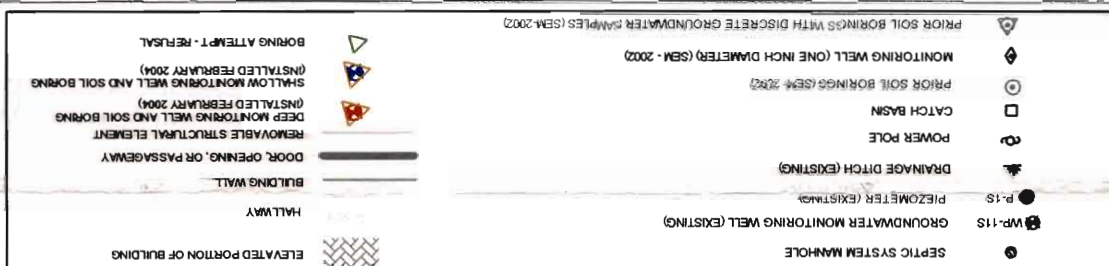
MAP NOTES:
Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

NYSDEC SPILT NO.: 01-60024 PIN H-0529

Former Northeast Environmental Services, Inc.
Canal St. Road, Lenox, New York

February 2004 Soil Results Greater Than TAGM 4046 - Cadmium

Legend - Text Boxes Reflect mg/kg Values



(IN FEET)

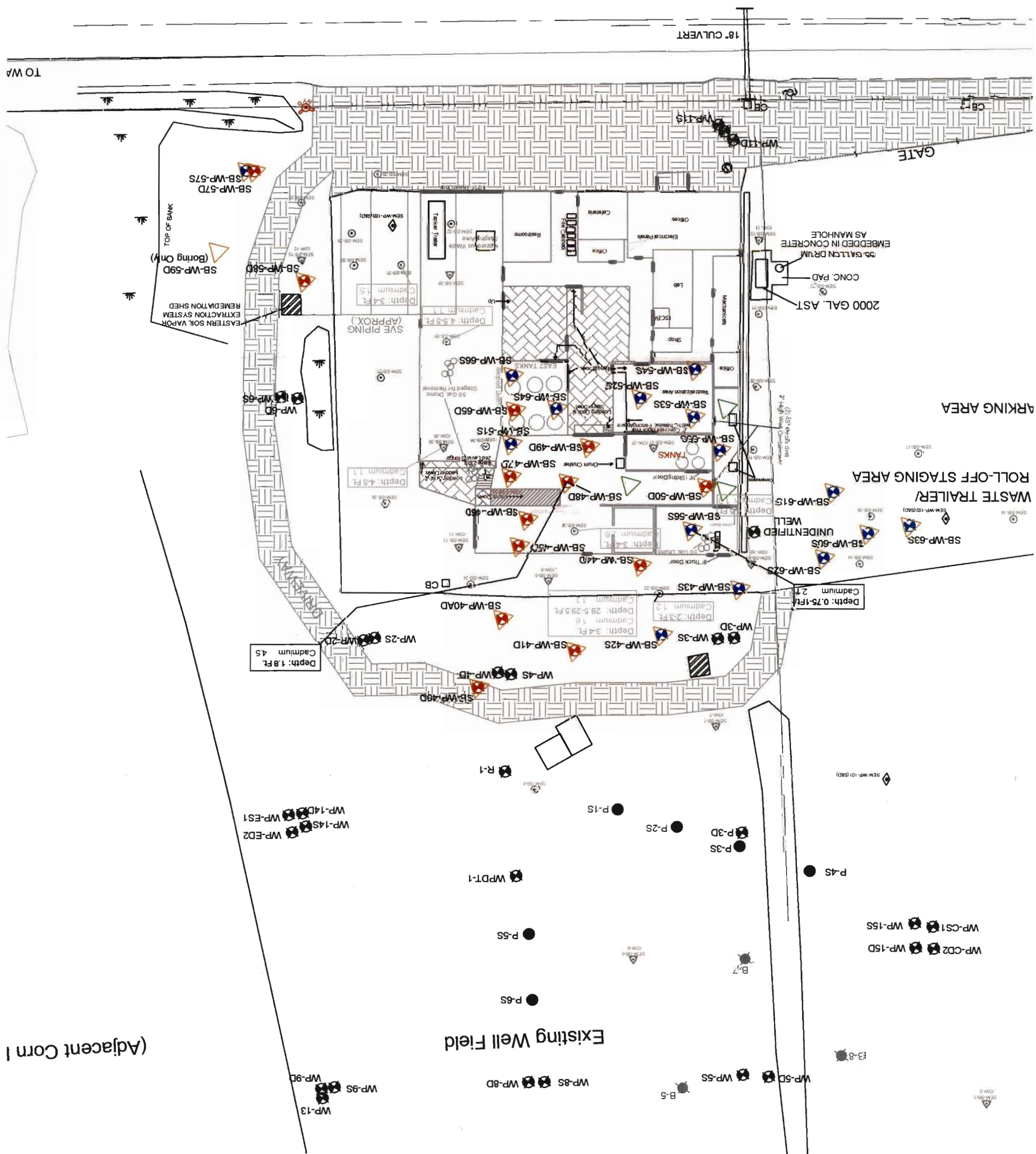


Figure: 4C
 SEM File No.: 3003.0050.06.04
 Date: June 14, 2003
 Revised: September 22, 2004
 Drawn By: A. Lee
 Filename: NES Metals Results 2004

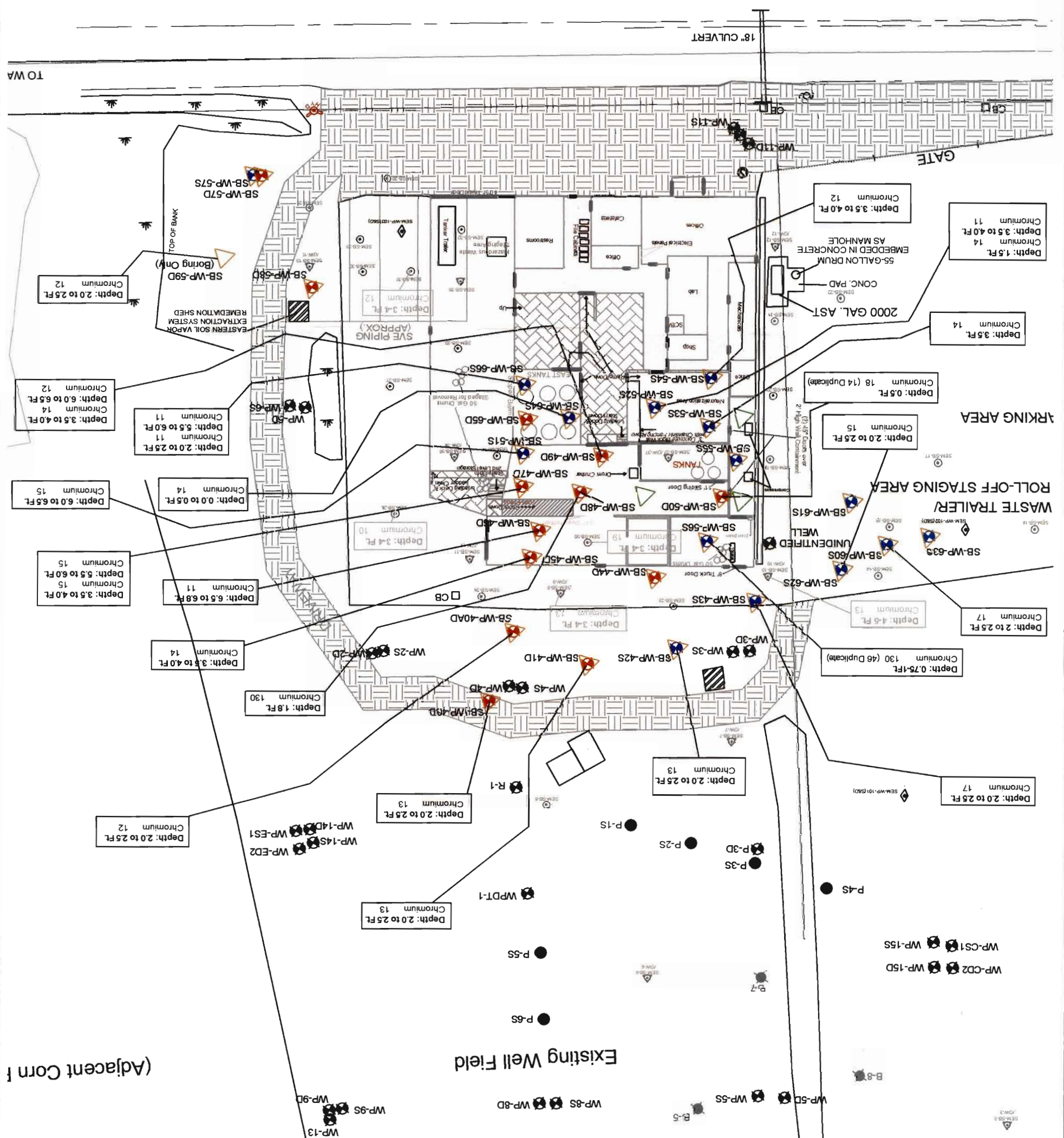
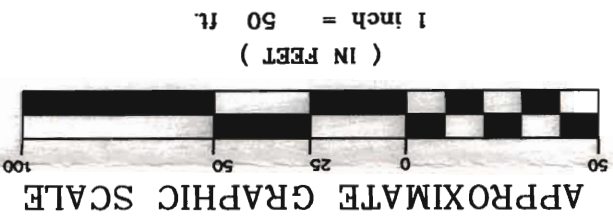
MAP NOTES:
 Base drawing derived from WCT Surveys, P.C.
 survey conducted 2002. This drawing has been
 prepared to illustrate site features that relate to SEM's
 work at the site, and should not be considered an
 accurate map suitable for property transfer or
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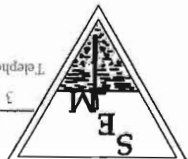
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 25 1/2 Water Street, Baldwinsville, NY 13027
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February 2004 Soil Results Greater Than TAGM 4046 - Chromium Former Northeast Environmental Services, Inc. Canal St. Road, Lenox, New York NYSDEC SPILL NO.: 01-60024 PIN H-0529

Legend - Text Boxes Reflect mg/kg Values

SEPTIC SYSTEM MANHOLE GROUNDWATER MONITORING WELL (EXISTING) PIEZOMETER (EXISTING) DRAINAGE DITCH (EXISTING) POWER POLE CATCH BASIN PRIOR SOIL BORINGS (INST. 2002) MONITORING WELL (ONE INCH DIAMETER) (SMA-2002) PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES (SMA-2002)	ELEVATED PORTION OF BUILDING HALLWAY BUILDING WALL DOOR, OPENING, OR PASSAGEWAY REMOVABLE STRUCTURAL ELEMENT DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004) SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004) BORING ATTEMPT - REFUSAL
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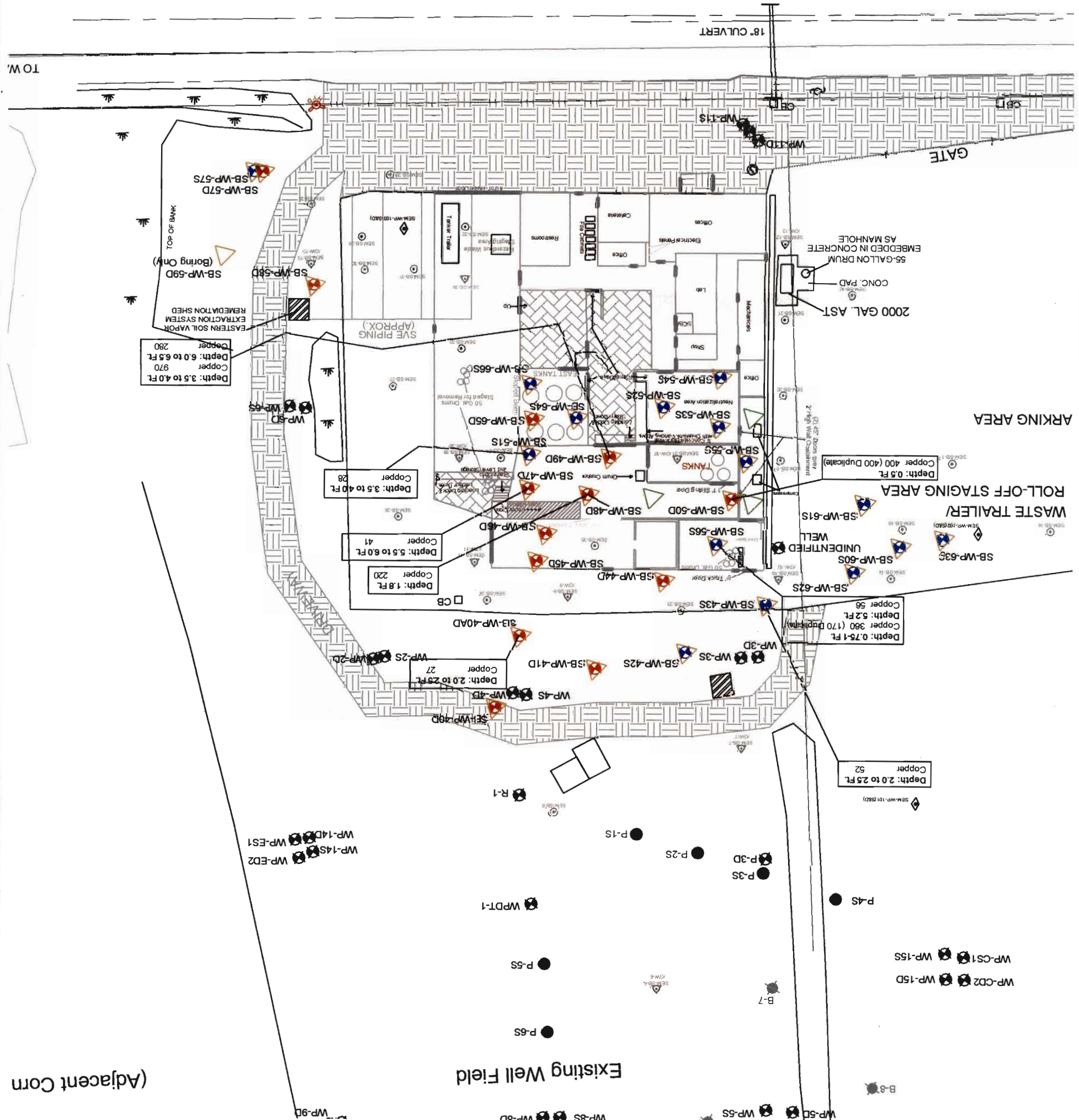
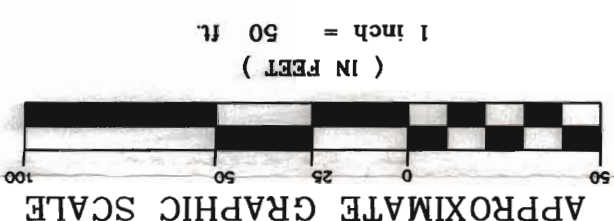
MAP NOTES:
Base drawing derived from WCT Surveys, P.C.
survey conducted 2002. This drawing has been
prepared to illustrate site features that relate to SEMs
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accurate map suitable for property transfer or
construction purposes.

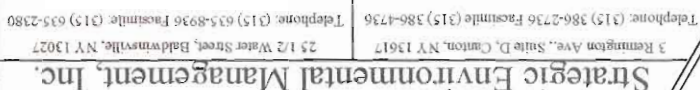
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NYSDEC SPILL NO.: 01-60024 PIN H-0529

February 2004 Soil Results Greater Than TAGM 4046 - Copper

Legend - Text Boxes Reflect mg/kg Values

- SEPTIC SYSTEM MANHOLE
- GROUNDWATER MONITORING WELL (EXISTING)
- PIEZOMETER (EXISTING)
- DRAINAGE DITCH (EXISTING)
- POWER POLE
- CATCH BASIN
- PRIOR SOIL BORINGS (SEMA 2002)
- MONITORING WELL (ONE INCH DIAMETER) (SEMA 2002)
- PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES (SEMA 2002)
- ELEVATED PORTION OF BUILDING
- HALLWAY
- BUILDING WALL
- DOOR, OPENING, OR PASSAGEWAY
- REMOVABLE STRUCTURAL ELEMENT
- DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
- SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
- BORING ATTEMPT - REFUSAL



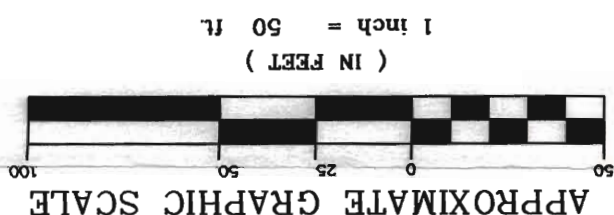
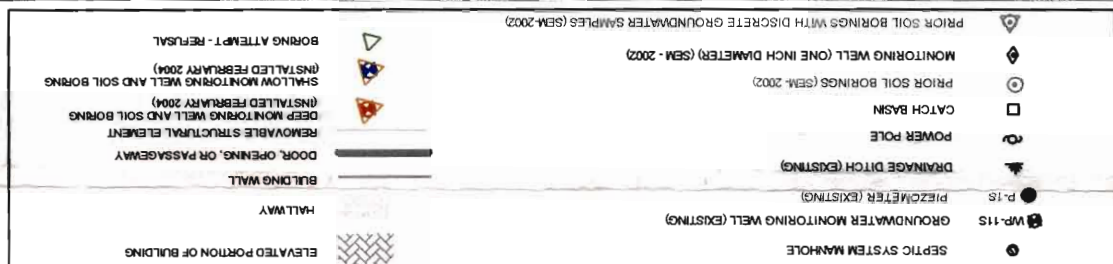


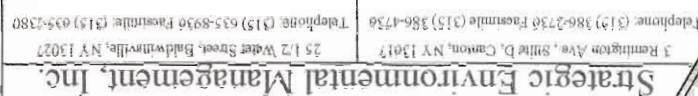
MAP NOTES:
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NYSDEC SPILL NO.: 01-60024 PIN H-0529

February 2004 Soil Results Greater Than TAGM 4046 - Lead

Legend - Text Boxes Reflect mg/kg Values





MAP NOTES:
Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

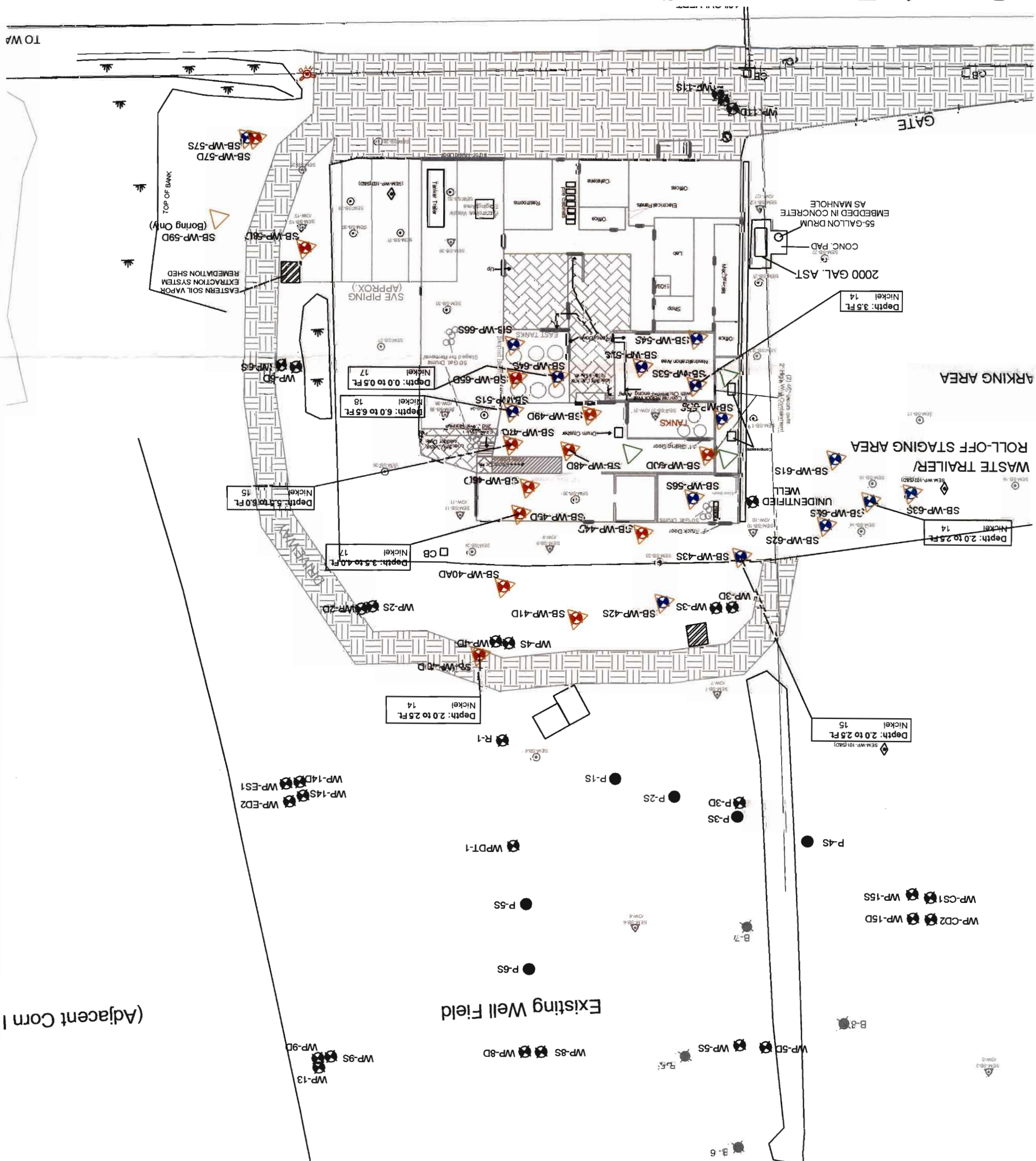
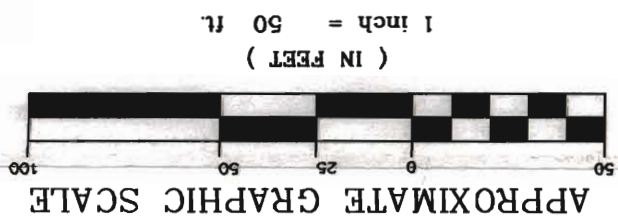
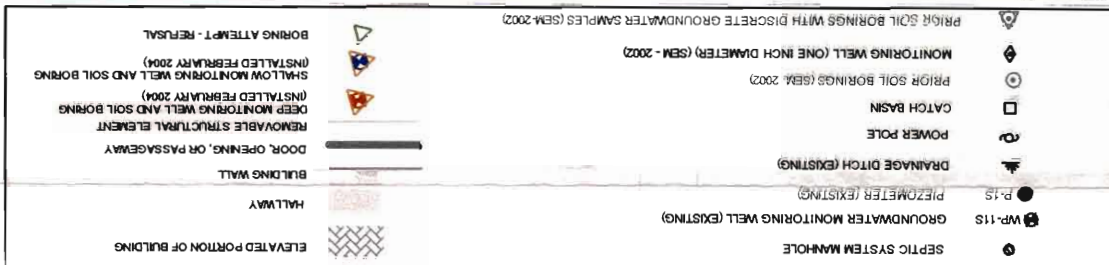
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NYSDEC SPILL NO.: 01-60024 PIN H-0529

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February 2004 Soil Results Greater Than TAGM 4046 - Nickel

Figure: 4F	SEM File No.: 3003.0050.06.04	Date: June 14, 2003	Revised: September 22, 2004	Drawn By: A. Lee	Filename: NES Medals Results 2004
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Legend - Text Boxes Reflect mg/kg Values





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MAP NOTES:
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accurate map suitable for property transfer or
construction purposes.

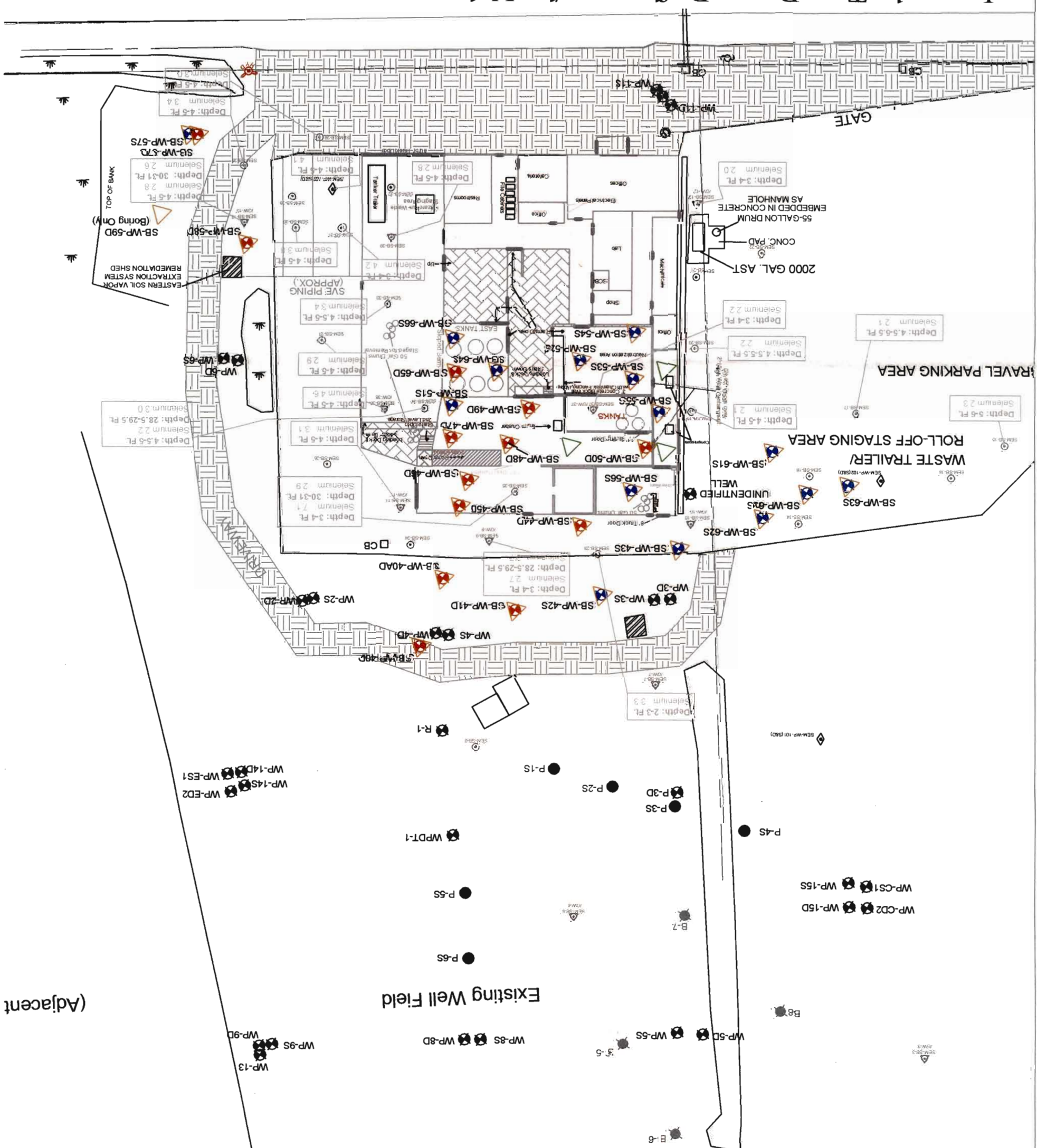
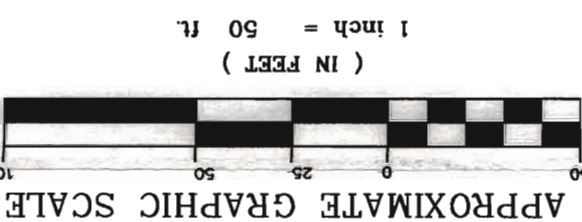
Canal St. Road, Lenox, New York
NYSDEC SPILL NO.: 01-60024 PIN H-0529

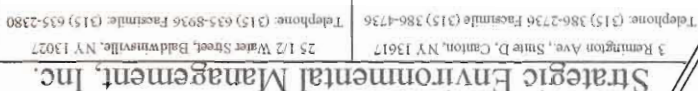
Former Northeast Environmental Services, Inc.

February 2004 Soil Results Greater Than TAGM 4046 - Selenium

Legend - Text Boxes Reflect mg/kg Values

SEPTIC SYSTEM MANHOLE	PIEZOMETER (EXISTING)	GROUNDWATER MONITORING WELL (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)
PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)
PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)
PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)
PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)	PIEZOMETER (EXISTING)



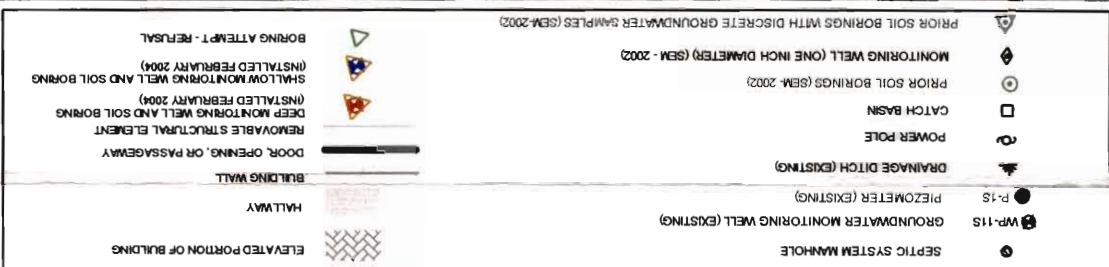


MAP NOTES:
Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Canal St. Road, Lenox, New York
NYSDEC SPILL NO.: 01-60024 PIN H-0529

February 2004 Soil Results Greater Than TAGM 4046 - Barium

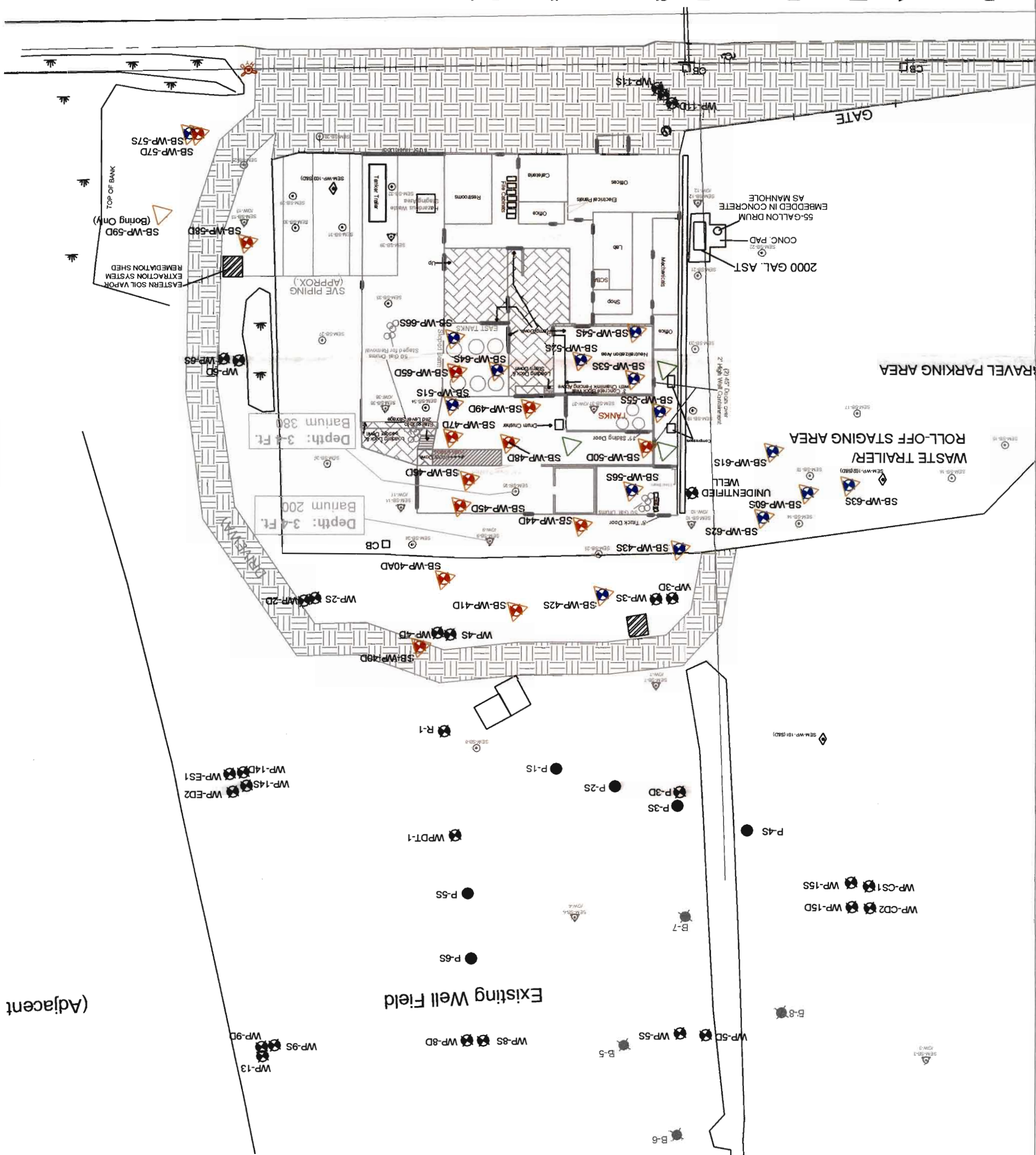
Legend - Text Boxes Reflect mg/kg Values



(IN FEET)
1 inch = 50 ft.



APPROXIMATE GRAPHIC SCALE



5.4 Laboratory Analysis Results-VOC

The results of the VOC analyses performed on soil samples collected from the various borings are summarized in the following table (Table 5-3). This table also identifies the combined concentration of non-target compounds (reported as "Tentatively Identified Compounds" or "TICs") detected in each sample, as well as the number of individual TICs identified.

Table S-3
Soil VOC Data Summary vs. TACM 4046 Values
4046g
Former HCSS Site
SEM File No. 30030050

Prefix	Constituent	TACM	45 3-5-4'	45 5-5-6'	45 10-10-5'	45 14-14-5'	45 18-18-5'	45 22-22-5'	45 26-26-5'	45 30-30-5'	46 3-5'	46 5'	46 8'	46 13'	46 17'	46 22'	46 28'	46 30'	47 3-5-4'	47 5-5-6'	47 10-10-5'	47 14-14-5'	47 18-18-5'	47 22-22-5'	47 27-27-5'	47 30-30-5'	48 4'	48 5-5'	48 10'	48 13'	48 18-20'	48 22'	49 3-5-4' (DUP)	49 3-5-4'	49 6-6-5'	49 6-6-5'	49 14-14-5'	49 16-18-5'	49 22-22-5'	49 26-26-5'	49 30-5-31'	50 3-5-4'		
	Acetone	200	54	300	ND	ND	ND	ND	ND	ND	440	1100	15	22	ND	ND	ND	ND	600	400	90	10	ND	ND	ND	11	10	610	53	57	17	12	ND	ND	30	84	8	14	8	11	ND	17	15	
	Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon disulfide	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon tetrachloride	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	1700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroethane	1800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroform	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2000	220	6	4	ND	ND	ND	ND	ND	320	62	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	5500	24	3	570	8	620	6	18	ND	3700	2200	69	18	ND	350	ND	ND	17000	6100	6	570	12	ND	ND	ND	29	7	1500	4500	2300	690	350	ND	1000	1800	8200	2400	25	ND	ND	ND	ND	ND
	Methylene Chloride	100	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	310	340	8	2	ND	ND	ND	ND	35	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	methyl-tert-butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Tetradichloroethane	1400	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Toluene	1500	250	11	3200	24	2800	82	49	120	210	140	13	ND	63	1600	1600	10	9	15000	4800	52	30	ND	ND	ND	ND	88	1400	180	25	ND	98	ND	1400	6900	4800	7800	19	ND	ND	ND	ND	
	Trichloroethane	700	18	ND	36	400	130	ND	ND	ND	8	ND	21	9	210	ND	ND	ND	18000	250	13	14	ND	ND	24	83	11	ND	21	ND	6	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichlorofluoromethane (Freon11)	6000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl Chloride	200	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Xylenes	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethane	200	ND	ND	330	110	ND	ND	ND	ND	ND	140	ND	200	260	ND	ND	ND	150	33	11	7	ND	ND	ND	ND	ND	67	37	21	ND	55	ND	ND	ND	110	11	77	120	23	ND	ND		
	1,1-Dichloroethane	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1200	85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,1-Dichloroethane	800	110	ND	270	44	54	ND	ND	ND	ND	ND	8	ND	67	ND	ND	ND	25000	2700	20	30	ND	ND	ND	ND	110	15	ND	33	38	ND	22	ND	ND	68	1200	13	18	ND	ND	ND		
	1,1,2-Trichloroethane	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	340	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,1,2,2-Tetrachloroethane	7800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Dichlorobenzene	2400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,3-Dichlorobenzene	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	8500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Butanone (MEK)	300	ND	ND	ND	ND	ND	ND	ND	ND	180	480	6	ND	ND	ND	ND	ND	470	280	50	ND	ND	ND	ND	ND	ND	220	32	30	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	87	7	ND	ND	ND	ND	ND	ND	ND	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	4-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Cis-1,2-Dichloroethane	300	ND	ND	2400	5500	31	24	40	130	190	570	ND	ND	ND	ND	ND	170	2700	48	170	59	ND	ND	27	110	55	9900	3400	2800	9700	27	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylenes	1200	75	11	2100	26	3600	15	71	ND	7400	6300	340	9	1600	7	5	11	34000	12000	3100	1800	ND	ND																				

[illegible]

Notes:

All values are in parts-per-billion (ppb)

Not Detected (below method detection limit)

TSSM Values represent the Recommended Soil Cleanup Objectives published in the NYSDOT's Technical and Administrative Guidelines Memorandum No. 404E, TSSM 404E.

TSSM values are not applicable (n/a) for the following: The exceeds corresponding TSSM (n/a) and Recommended Soil Cleanup Objective.

Bit and Shell (data not available) (data not available) The exceeds corresponding TSSM (n/a) and Recommended Soil Cleanup Objective by the laboratory.

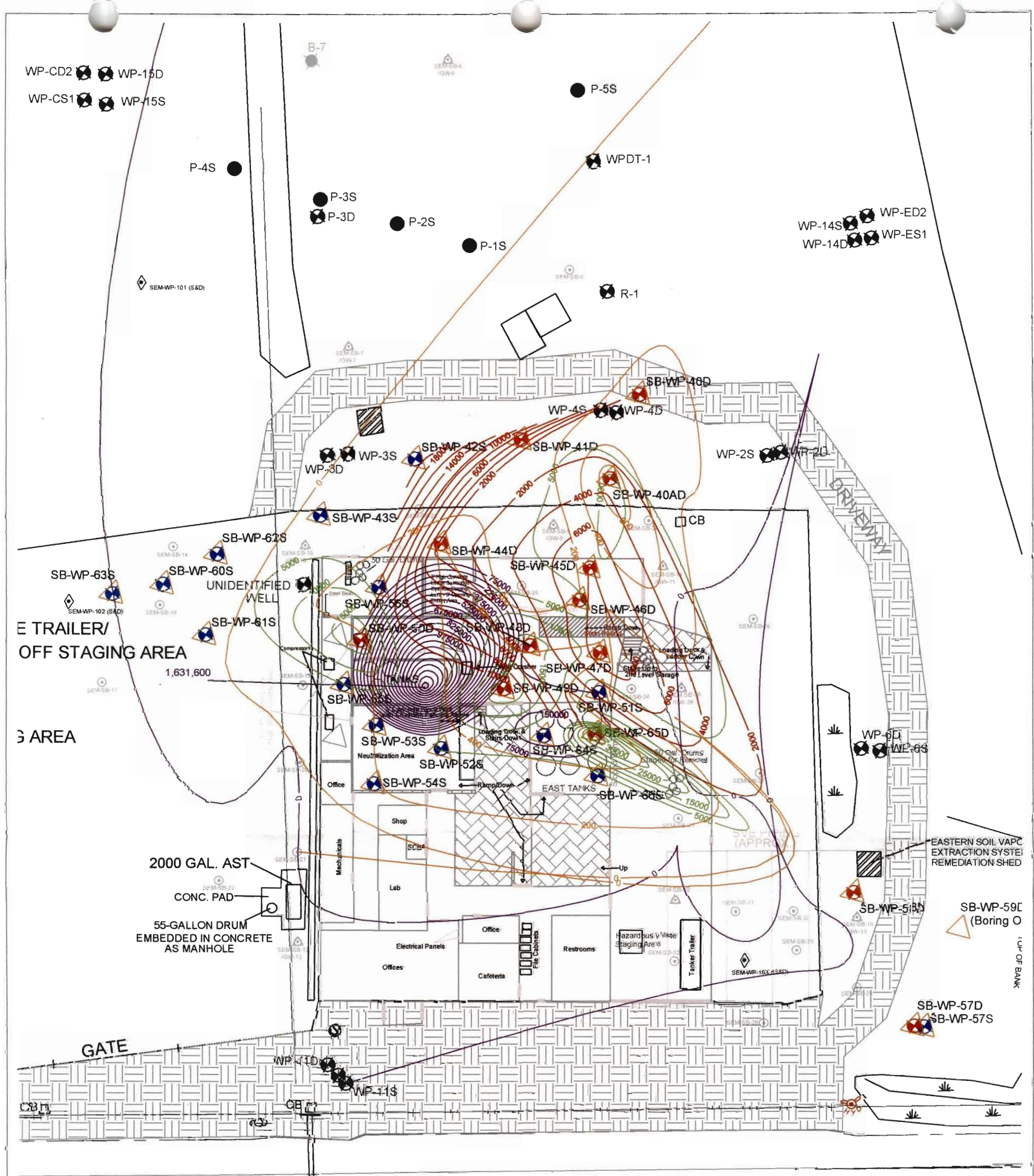
TSSM values do not include the values that were analyzed in a large number of samples, all of them, described as a laboratory compliance.

Table 5-3
Soil VOC Data Summary vs. TAGM 4046 Values
(uPKg)
Former NES Site
SEM File No. 300300650

Prefix	Constituent	TAGM	58 30-30.5'	59 2-2.5'	59 5-5.6'	59 10-10.5'	59 14-14.5'	59 18-18.5'	59 22-22.5'	59 26-26.5'	59 30-30.5'	60 2-2.5'	60 5-5.6'	60 10-10.5'	61 2-2.5'	61 5-5.6'	61 10-10.5'	62 2-2.5'	62 5-5.6.5'	62 10-10.5'	63 3-3.5'	63 5-5.6'	63 5-5.6' (OUP)	64 0-0.5'	64 5-5.6'	64 10-10.5'	64 14-14.5'	65 2-2.5'	65 5-5.6'	65 11.5-12'	65 14-14.5'	65 18-18.5'	65 22-22.5'	65 26-26.5'	65 30-30.5'	66 2-2.5'	66 5-5.6'	66 10-10.5'	66 14-14.5'		
	Acetone	200	5	ND	7	8	6	13	4	ND	6	ND	8	5	100	ND	ND	63	ND	68	480	7	ND	27000	55	49	77	27000	340	440	75	28	ND	ND	52	1900	120	41	64		
	Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromochloromethane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Bromofom	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Bromomethane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Carbon disulfide	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Carbon tetrachloride	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Chlorobenzene	1700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Chloroethane	1900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Chloroform	300	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Chloromethane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Dibromochloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Dichlorofluoromethane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Ethylbenzene	5500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Methyl-tert butyl ether	100	4	ND	ND	10	10	14	ND	ND	8	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Styrene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Tetrahydrofuran	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Toluene	1500	18	9	8	5	6	370	8	ND	6	35	22	3	29	ND	25	67	130	46	310	2	ND	190000	21000	12	22	280	22	990	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Trichloroethene	700	ND	ND	ND	ND	ND	72	ND	ND	ND	11	11	ND	ND	ND	9	67	21	8	130	ND	ND	220000	7400	7800	6900	180	21	16000	1300	9	32	87	58	28	44	220	79	300	47
	Trichlorofluoromethane (Freon11)	6000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl acetate	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl Chloride	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Xylenes	1200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	1,1-Dichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,1,2-Trichloroethane	800	ND	ND	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	ND	11	130	ND	ND	2900	110	ND	ND	15	ND	1000	29	ND	ND	ND	ND	ND	12	43	250	34	
	1,1,2,2-Tetrachloroethane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,2-Dichloroethane	800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	7800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,2,3-Trichlorobenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,2,4-Trichlorobenzene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,3-Dichlorobenzene	2400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,4-Dichlorobenzene	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	2-Branone (MEK)	8500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	2-Chlorobutane	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	2-Chlorobutane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Hexanone	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	4-Chlorobutane	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Methyl-2-pentanone (MIBK)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Cis-1,2-Dichloroethene	15	15	5	6	14	14	160	14	ND	17	22	10	4	9	ND	17	100	21	34	620	ND	--	ND	1300	330	26	540	54	1400	5700	320	18	47	73	210	33	1600	240		
	Cis-1,3-Dichloropropene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	m,p-Xylenes	1200	ND	ND	ND	ND	ND	48	ND	ND	ND	ND	3	ND	8	ND	13	22	5	30	7	ND	--	83000	33000	13	28	13000	210	2300	12	39	ND	42	82	630	110	37	45		
	o-Xylenes	1200	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	--	36000	15000	3	ND	7500	56	1000	9	ND	11	22	190	28	11	9			
	Trans-1,2-Dichloroethene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Trans-1,3-Dichloropropene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Total Target VOC		42	14	22	37	36	768	26	3	37	68	55	12	144	10	70	473	86	239	1907	9	0	189348	23555	8347	7160	96761	1431	43419	7873										

The soil VOC analysis data generated during this investigation was plotted in conjunction with the data previously compiled in October 2002, and used to create the isopleth maps contained in Figures 5A through 5E, to provide a depiction of VOC distribution at varying depth intervals beneath the area of study. The depth intervals have been divided by eight (8) foot sequences (i.e., 0-8 feet depth; 8-16 feet depth; 16-24 feet depth; and over 24 feet depth), based on the availability of analysis data from both investigations. The data is depicted as follows:

Figure 5A	-	Composite of Data
Figure 5B	-	0 to 8 feet Data
Figure 5C	-	8to 16 feet Data
Figure 5D	-	16 to 24 feet Data
Figure 5E	-	>24 feet Data



Legend

●	SEPTIC SYSTEM MANHOLE	▨	ELEVATED PORTION OF BUILDING
● WP-11S	GROUNDWATER MONITORING WELL (EXISTING)	▬	HALLWAY
● P-11S	Piezometer (Existing)	▬	BUILDING WALL
▬	DRAINAGE DITCH (EXISTING)	▬	DOOR, OPENING, OR PASSAGEWAY
●	POWER POLE	▬	REMOVABLE STRUCTURAL ELEMENT
□	CATCH BASIN	▬	DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
○	PRIOR SOIL BORINGS	▬	SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
◇	MONITORING WELL (ONE INCH DIAMETER)	▬	BORING ATTEMPT - REFUSAL
△	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES		

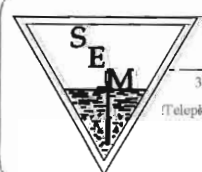
APPROXIMATE GRAPHIC SCALE



(IN FEET)

1 inch = 40 ft.

Total VOC Soil Isopleths - Overlay Former Northeast Environmental Services, Inc. Canal St. Road, Lenox, New York NYSDEC SPILL NO.: 01-60024 PIN H-0529



Strategic Environmental Management, Inc.

31 Remington Ave., Suite D, Canton, NY 13617 Telephone: (315) 386-2736 Facsimile: (315) 386-4738
251 E. Water Street, Bldg. 100, Watkinsville, NY 12097 Telephone: (518) 638-8936 Facsimile: (518) 638-2980

MAP NOTES

Base drawing derived from WCT Surveys, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Figure: 5A

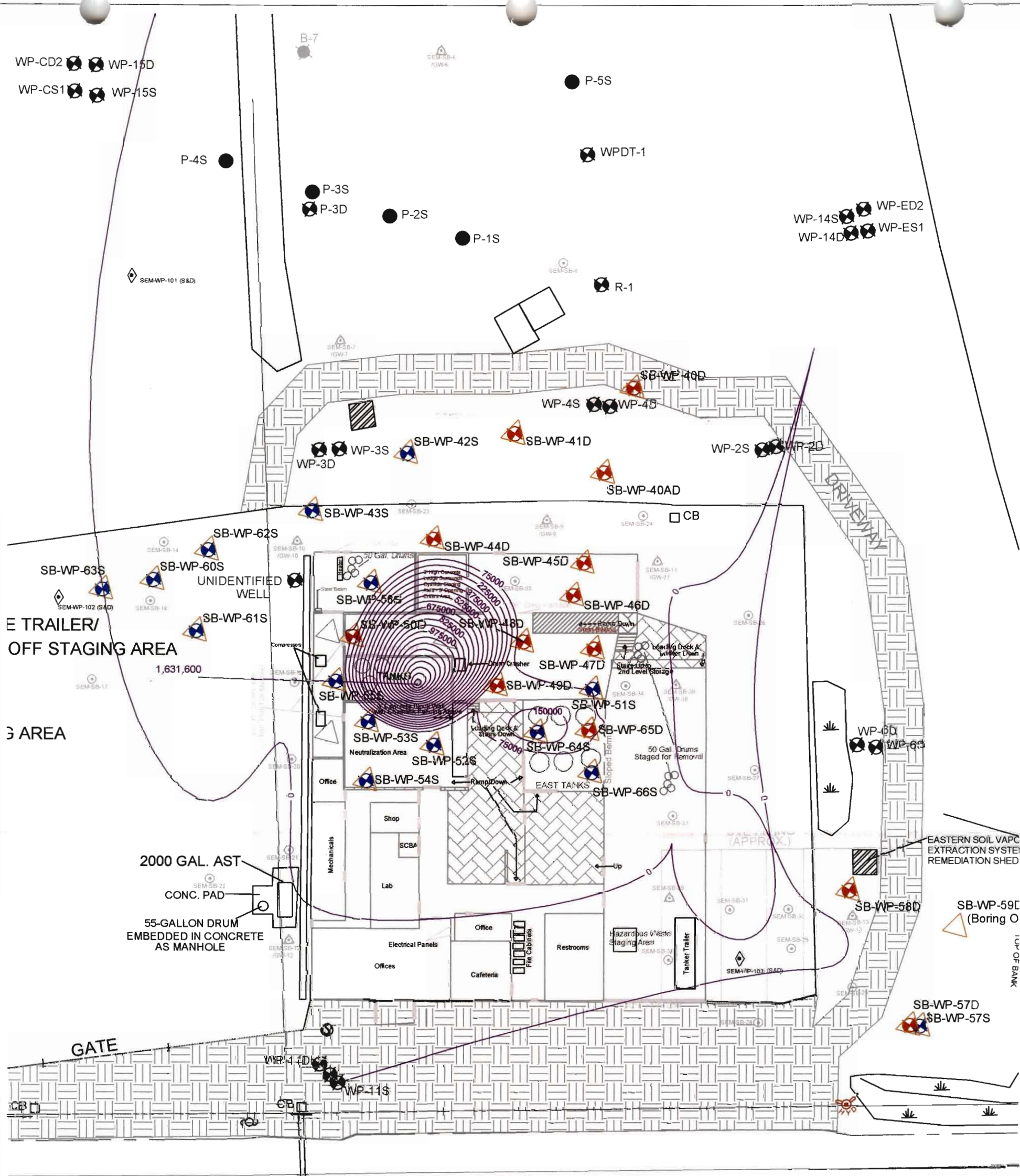
SEM File No.: 3003.0050.09.04

Date: July 8, 2004

Revised: September 23, 2004

Drawn By: A. Lee

Filename: NES 2004 VOC Soil Isopleths



Legend

●	SEPTIC SYSTEM MANHOLE	▨	ELEVATED PORTION OF BUILDING
● WP-11S	GROUNDWATER MONITORING WELL (EXISTING)	—	HALLWAY
● P-1S	PIEZOMETER (EXISTING)	—	BUILDING WALL
—	DRAINAGE DITCH (EXISTING)	—	DOOR, OPENING, OR PASSAGEWAY
—	POWER POLE	—	REMOVABLE STRUCTURAL ELEMENT
□	CATCH BASIN	—	DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
○	PRIOR SOIL BORINGS	—	SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
◇	MONITORING WELL (ONE INCH DIAMETER)	—	BORING ATTEMPT - REFUSAL
△	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES		

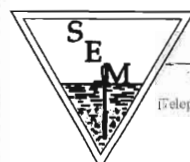
APPROXIMATE GRAPHIC SCALE



(IN FEET)

1 inch = 40 ft.

Total VOC Soil Isopleths - 0-8 Ft. Depth
Former Northeast Environmental Services, Inc.
Canal St. Road, Lenox, New York
NYSDEC SPILL NO.: 01-60024 PIN H-0529



Strategic Environmental Management, Inc.

13 Remington Ave., Suite D, Canton, NY 13617
 Telephone: (315) 386-2736, Facsimile: (315) 386-4736

251/2 Water Street, Baldwinsville, NY 13027

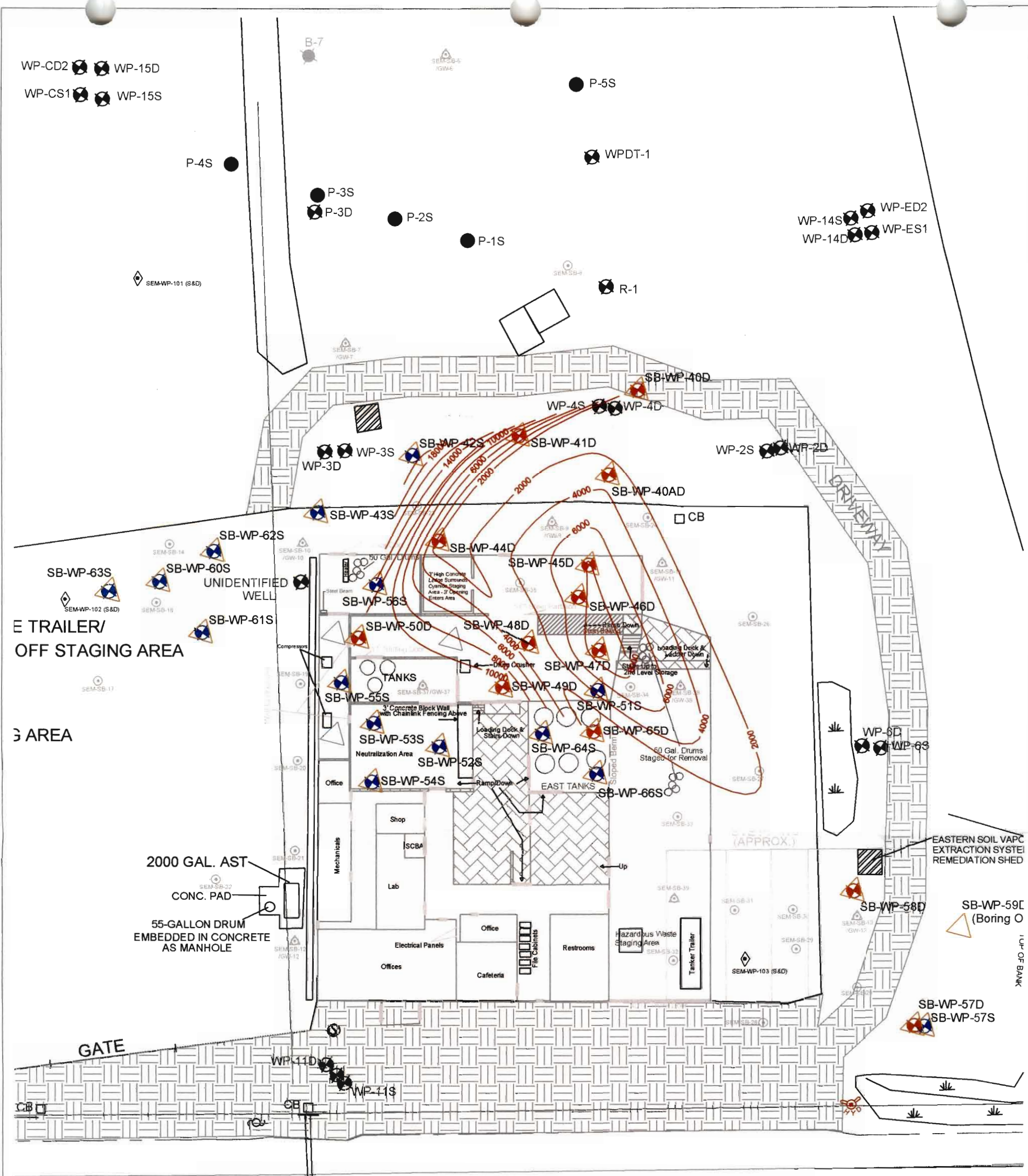
Telephone: (315) 635-8936, Facsimile: (315) 635-2386

MAP NOTES:

Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Figure: 5B

SEM File No.:	3003.0050.09.04
Date:	July 8, 2004
Revised:	September 23, 2004
Drawn By:	A. Lge
Filename:	NES 2004-VOC Soil/soil/this



Legend

●	SEPTIC SYSTEM MANHOLE	▨	ELEVATED PORTION OF BUILDING
● WP-11S	GROUNDWATER MONITORING WELL (EXISTING)	—	HALLWAY
● P-1S	PIEZOMETER (EXISTING)	—	BUILDING WALL
—	DRAINAGE DITCH (EXISTING)	—	DOOR, OPENING, OR PASSAGEWAY
—	POWER POLE	—	REMOVABLE STRUCTURAL ELEMENT
□	CATCH BASIN	—	DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
○	PRIOR SOIL BORINGS	—	SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
◇	MONITORING WELL (ONE INCH DIAMETER)	—	BORING ATTEMPT - REFUSAL
△	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES		

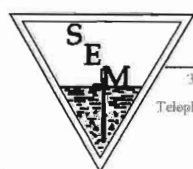
APPROXIMATE GRAPHIC SCALE



(IN FEET)

1 inch = 40 ft.

Total VOC Soil Isopleths - 16-24 Ft. Depth Former Northeast Environmental Services Inc. Canal St. Road, Lenox, New York NYSDEC SPILL NO.: 01-60024 PIN H-0529



Strategic Environmental Management, Inc.

3 Remington Ave., Suite B, Canton, NY 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8996 Facsimile: (315) 635-2989

MAP NOTES:

Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Figure: 5D

SEM File No.: 3003.0050.09.04

Date: July 8, 2004

Revised: September 23, 2004

Drawn By: A. Lee

Filename: NES 2004 VOC Soil Isopleths

SECTION 6

SUMMARY OF INVESTIGATION FINDINGS-GROUNDWATER

6.1 Groundwater Flow Characteristics

Groundwater elevations recorded in each of the new monitoring wells installed during the supplemental source area investigation described herein, and from the previously existing wells placed across the NES site have been used to generate the groundwater contour maps attached as Figures 6A and 6B. The contours generated from elevation data collected from the wells screened at the water table (i.e., "shallow" wells) are presented on Figure 6A, and the contours generated from elevation data collected from the wells in the lower portion of the overburden aquifer (i.e., deep wells, just above Glacial Till) are presented on Figure 6B.

6.2 Laboratory Analysis Results-Metals

The results of the metals analyses performed on groundwater samples from the various new wells are summarized in the following table (Table 6-1).

[illegible]

	SEPTIC SYSTEM MANHOLE
WP-11S	GROUNDWATER MONITORING WELL (EXISTING)
P-1S	PIEZOMETER (EXISTING)
	DRAINAGE DITCH (EXISTING)
	POWER POLE
	CATCH BASIN
	PRIOR SOIL BORINGS
	MONITORING WELL (ONE INCH DIAMETER)
	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES

ELEVATED PORTION OF BUILDING

HALLWAY

BUILDING WALL

DOOR, OPENING, OR PASSAGEWAY

REMOVABLE STRUCTURAL ELEMENT

DEEP MONITORING WELL AND SOIL BORING
(INSTALLED FEBRUARY 2004)

SHALLOW MONITORING WELL AND SOIL BORING
(INSTALLED FEBRUARY 2004)

BORING ATTEMPT - REFUSAL

1 inch = 100 ft.

3 Remington Ave., Suite D, Canton, NY 13617	25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 386-2736 Facsimile (315) 386-4736	Telephone: (315) 635-8936 Facsimile: (315) 635-2380

Base drawing derived from WCT Surveyors, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

SEM File No.: 3003.0050.03.04

Date: June 14, 2003

Revised: October 6, 2004

Drawn By: A. Lee

Filename: GW Contour Deep Eebst.dwg

The map is a detailed site plan for the Wurtsboro, NY, site. It features several key areas and infrastructure elements:

- Existing Well Field:** A central area containing numerous wells, including WP-100, WP-101, WP-102, WP-103, WP-104, WP-105, WP-106, WP-107, WP-108, WP-109, WP-110, WP-111, WP-112, WP-113, WP-114, WP-115, WP-116, WP-117, WP-118, WP-119, WP-120, WP-121, WP-122, WP-123, WP-124, WP-125, WP-126, WP-127, WP-128, WP-129, WP-130, WP-131, WP-132, WP-133, WP-134, WP-135, WP-136, WP-137, WP-138, WP-139, WP-140, WP-141, WP-142, WP-143, WP-144, WP-145, WP-146, WP-147, WP-148, WP-149, WP-150, WP-151, WP-152, WP-153, WP-154, WP-155, WP-156, WP-157, WP-158, WP-159, WP-160, WP-161, WP-162, WP-163, WP-164, WP-165, WP-166, WP-167, WP-168, WP-169, WP-170, WP-171, WP-172, WP-173, WP-174, WP-175, WP-176, WP-177, WP-178, WP-179, WP-180, WP-181, WP-182, WP-183, WP-184, WP-185, WP-186, WP-187, WP-188, WP-189, WP-190, WP-191, WP-192, WP-193, WP-194, WP-195, WP-196, WP-197, WP-198, WP-199, WP-200, WP-201, WP-202, WP-203, WP-204, WP-205, WP-206, WP-207, WP-208, WP-209, WP-210, WP-211, WP-212, WP-213, WP-214, WP-215, WP-216, WP-217, WP-218, WP-219, WP-220, WP-221, WP-222, WP-223, WP-224, WP-225, WP-226, WP-227, WP-228, WP-229, WP-230, WP-231, WP-232, WP-233, WP-234, WP-235, WP-236, WP-237, WP-238, WP-239, WP-240, WP-241, WP-242, WP-243, WP-244, WP-245, WP-246, WP-247, WP-248, WP-249, WP-250, WP-251, WP-252, WP-253, WP-254, WP-255, WP-256, WP-257, WP-258, WP-259, WP-260, WP-261, WP-262, WP-263, WP-264, WP-265, WP-266, WP-267, WP-268, WP-269, WP-270, WP-271, WP-272, WP-273, WP-274, WP-275, WP-276, WP-277, WP-278, WP-279, WP-280, WP-281, WP-282, WP-283, WP-284, WP-285, WP-286, WP-287, WP-288, WP-289, WP-290, WP-291, WP-292, WP-293, WP-294, WP-295, WP-296, WP-297, WP-298, WP-299, WP-300, WP-301, WP-302, WP-303, WP-304, WP-305, WP-306, WP-307, WP-308, WP-309, WP-310, WP-311, WP-312, WP-313, WP-314, WP-315, WP-316, WP-317, WP-318, WP-319, WP-320, WP-321, WP-322, WP-323, WP-324, WP-325, WP-326, WP-327, WP-328, WP-329, WP-330, WP-331, WP-332, WP-333, WP-334, WP-335, WP-336, WP-337, WP-338, WP-339, WP-340, WP-341, WP-342, WP-343, WP-344, WP-345, WP-346, WP-347, WP-348, WP-349, WP-350, WP-351, WP-352, WP-353, WP-354, WP-355, WP-356, WP-357, WP-358, WP-359, WP-360, WP-361, WP-362, WP-363, WP-364, WP-365, WP-366, WP-367, WP-368, WP-369, WP-370, WP-371, WP-372, WP-373, WP-374, WP-375, WP-376, WP-377, WP-378, WP-379, WP-380, WP-381, WP-382, WP-383, WP-384, WP-385, WP-386, WP-387, WP-388, WP-389, WP-390, WP-391, WP-392, WP-393, WP-394, WP-395, WP-396, WP-397, WP-398, WP-399, WP-400, WP-401, WP-402, WP-403, WP-404, WP-405, WP-406, WP-407, WP-408, WP-409, WP-410, WP-411, WP-412, WP-413, WP-414, WP-415, WP-416, WP-417, WP-418, WP-419, WP-420, WP-421, WP-422, WP-423, WP-424, WP-425, WP-426, WP-427, WP-428, WP-429, WP-430, WP-431, WP-432, WP-433, WP-434, WP-435, WP-436, WP-437, WP-438, WP-439, WP-440, WP-441, WP-442, WP-443, WP-444, WP-445, WP-446, WP-447, WP-448, WP-449, WP-450, WP-451, WP-452, WP-453, WP-454, WP-455, WP-456, WP-457, WP-458, WP-459, WP-460, WP-461, WP-462, WP-463, WP-464, WP-465, WP-466, WP-467, WP-468, WP-469, WP-470, WP-471, WP-472, WP-473, WP-474, WP-475, WP-476, WP-477, WP-478, WP-479, WP-480, WP-481, WP-482, WP-483, WP-484, WP-485, WP-486, WP-487, WP-488, WP-489, WP-490, WP-491, WP-492, WP-493, WP-494, WP-495, WP-496, WP-497, WP-498, WP-499, WP-500, WP-501, WP-502, WP-503, WP-504, WP-505, WP-506, WP-507, WP-508, WP-509, WP-510, WP-511, WP-512, WP-513, WP-514, WP-515, WP-516, WP-517, WP-518, WP-519, WP-520, WP-521, WP-522, WP-523, WP-524, WP-525, WP-526, WP-527, WP-528, WP-529, WP-530, WP-531, WP-532, WP-533, WP-534, WP-535, WP-536, WP-537, WP-538, WP-539, WP-540, WP-541, WP-542, WP-543, WP-544, WP-545, WP-546, WP-547, WP-548, WP-549, WP-550, WP-551, WP-552, WP-553, WP-554, WP-555, WP-556, WP-557, WP-558, WP-559, WP-560, WP-561, WP-562, WP-563, WP-564, WP-565, WP-566, WP-567, WP-568, WP-569, WP-570, WP-571, WP-572, WP-573, WP-574, WP-575, WP-576, WP-577, WP-578, WP-579, WP-580, WP-581, WP-582, WP-583, WP-584, WP-585, WP-586, WP-587, WP-588, WP-589, 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WP-715, WP-716, WP-717, WP-718, WP-719, WP-720, WP-721, WP-722, WP-723, WP-724, WP-725, WP-726, WP-727, WP-728, WP-729, WP-730, WP-731, WP-732, WP-733, WP-734, WP-735, WP-736, WP-737, WP-738, WP-739, WP-740, WP-741, WP-742, WP-743, WP-744, WP-745, WP-746, WP-747, WP-748, WP-7

A horizontal bar chart showing the percentage of respondents for each age group. The x-axis is labeled with percentages: 100, 0, 50, 100, 200. The bars are black and white, representing different age groups.

1 inch = 100 ft.

	SEPTIC SYSTEM MANHOLE		ELEVATED PORTION OF BUILDING
	WP-11S GROUNDWATER MONITORING WELL (EXISTING)		HALLWAY
	P-1S PIEZOMETER (EXISTING)		BUILDING WALL
	DRAINAGE DITCH (EXISTING)		DOOR, OPENING, OR PASSAGEWAY
	POWER POLE		REMOVABLE STRUCTURAL ELEMENT
	CATCH BASIN		DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
	PRIOR SOIL BORINGS		SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
	MONITORING WELL (ONE INCH DIAMETER)		BORING ATTEMPT - REFUSAL
	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES		

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Filename: GW Contour Deep Feb04.dwg

Table 6-1
Summary of Groundwater Metals Results vs. Groundwater Standards
(mg/L)
Former NES Site
SEM File Number 30030050

Constituent	GW Standard	40AD	40D	41D	42S	43S	44D	45D	46D	47D	48D	49D	50D	51S
Arsenic	0.025	ND	ND	ND	ND	ND	0.2	ND	0.12	0.034	0.025	0.017	ND	ND
Barium	1	5.2	1.6	4.4	1.5	0.61	6.2	3.6	4.7	1.6	2.3	2	2.9	0.83
Cadmium	0.005	ND	ND	ND	ND	ND	0.027	ND	0.01	ND	ND	ND	ND	ND
Chromium	0.05	0.13	0.082	0.09	0.2	0.012	0.44	0.18	0.2	0.05	0.065	0.043	0.13	0.17
Copper	0.2	0.25	0.15	0.17	0.62	0.019	1	0.29	0.37	0.15	0.16	0.11	0.18	2.4
Lead	0.025	0.12	0.07	0.096	0.14	ND	0.4	0.12	0.16	0.066	0.097	0.06	0.11	0.39
Mercury	0.0007	ND	ND	ND	ND	ND	0.00092	0.0005	0.00065	0.00037	0.00042	0.00056	0.00055	0.00056
Nickel	0.1	0.23	0.11	0.17	0.22	0.01	0.86	0.23	0.29	0.057	0.062	0.063	0.22	0.097
Selenium	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	0.05	ND	0.01	ND	ND	ND	0.046	0.017	0.023	ND	ND	ND	ND	ND

Constituent	GW Standard	52S	53S	54S	55S	56S	58D	60S	61S	62S	63S	64S	65D	66S
Arsenic	0.025	0.12	ND	0.031	0.022	ND	ND	ND	ND	ND	ND	0.045	ND	0.024
Barium	1	7.3	4.8	1.7	1	0.85	0.29	3.3	1.3	5.7	2.5	0.98	0.59	1.2
Cadmium	0.005	0.016	0.013	ND	ND	ND	ND	ND	ND	0.018	ND	ND	ND	ND
Chromium	0.05	0.35	0.25	0.098	0.05	0.26	0.016	0.17	0.1	0.4	0.2	0.15	0.016	0.026
Copper	0.2	0.51	0.41	0.18	0.1	3.1	0.016	0.92	0.4	1	0.69	0.17	ND	0.033
Lead	0.025	0.22	0.18	0.073	0.028	0.22	ND	0.18	0.086	0.23	0.18	0.068	ND	0.017
Mercury	0.0007	0.00073	0.00052	ND	ND	0.0053	ND	ND	ND	0.0006	0.0012	0.00032	0.00022	ND
Nickel	0.1	0.46	0.36	0.13	0.064	0.21	0.011	0.27	0.13	0.5	0.24	0.21	0.011	0.025
Selenium	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	0.05	0.012	ND	ND	ND	ND	ND	0.021	0.01	0.028	0.016	ND	ND	ND

6.3 Laboratory Analysis Results-VOC

The results of the VOC analyses performed on groundwater samples collected from the various new monitoring wells are summarized in the following table (Table 6-2). This table also identifies the combined concentration of non-target compounds (reported as "Tentatively Identified Compounds" or "TICs") detected in each sample, as well as the number of individual TICs identified.

Isopleth maps generated from the groundwater VOC data collected during this supplemental investigation and from the groundwater VOC data collected in October 2002 are presented on Figure 7 that follows.

Prefix	Constituent	Groundwater Standard	40A	41D	42S	43S	44D	45D	46D	47S	48S	49D	50D	51S	52S	53S	54S	55S	56S	58D	60S	61S	62S	63S	64S	65D	66S
	Acetone	50	ND	ND	ND	ND	ND	ND	ND	1300	270	ND	ND	740	ND	180	ND	ND	ND	ND	ND	ND	ND	ND	6200	35	ND
	Benzene	0.7	ND	ND	ND	ND	4	ND	ND	86	26	ND	1	100	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	240	ND	2
	Bromodichloromethane *	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoforn*	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	8	11	ND	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27	ND	ND
	Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	
	Chloroform *	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND	1200	5	2	
	Chloromethane *	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	880	240	ND	ND	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	
	Ethylbenzene	5	ND	ND	ND	2	210	ND	ND	1300	1600	ND	5	1200	8	9	10	460	ND	ND	ND	ND	ND	1600	8	64	
	Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	10000	1600	2	ND	4200	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	3700	4	6
	methyl-tert butyl ether	10	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	1	ND	ND	ND	2	2	2	ND	ND	ND	ND	ND	290	2	2
	Styrene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	1100	ND	1	ND	22	ND	ND	ND	ND	ND	ND	1900	4	35
	Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	660	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10000	160	640
	Toluene	5	ND	ND	ND	20	760	2	ND	690	62	9	3100	820	46	ND	60	66	5	ND	ND	ND	ND	ND	2600	31	46
	Trichloroethane	5	ND	ND	ND	4	3	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND
	Trichlorofluoromethane (Freon11)	5	ND	ND	ND	ND	ND	ND	ND	1600	6800	87	21	780	49	83	14	60	ND	ND	ND	ND	ND	ND	7600	37	26
	Vinyl acetate	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2	ND	ND	72	ND	ND	ND	ND	4600	1900	6	830	2800	29	4	ND	16	ND	ND	ND	ND	ND	ND	4800	49	66
1.1-	Dichloroethane	5	ND	ND	4	18	ND	ND	ND	1300	210	ND	600	3600	ND	ND	ND	66	ND	ND	ND	ND	ND	ND	6800	46	210
1.1.1-	Trichloroethane	5	ND	ND	ND	4	4	ND	ND	6600	840	ND	4400	12000	39	4	2	ND	ND	ND	ND	ND	ND	ND	14000	130	ND
1.1.2-	Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	76	24	ND	18	81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
1.1.2.2-	Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.2-	Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	ND	ND
1.2-	Dichloroethane	0.6	ND	ND	ND	ND	6	ND	ND	96	39	ND	ND	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.2-	Dichloroethene, Total	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1.2-	Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64	ND	ND
1.2.3-	Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.2.4	Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.3-	Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.4-	Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-	Butanone (MEK)	50	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	12	110	15	12	ND	ND	ND	ND	ND	ND	ND	49	ND
2-	Chlorobutene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-	Hexanone	50	ND	ND	ND	ND	ND	ND	ND	10	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND
4-	Chlorobutene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-	Methyl-2-pentanone (MIBK)	--	ND	ND	ND	ND	ND	ND	ND	2000	690	ND	ND	2900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4700	10	ND
Cis-1.2-	Dichloroethane	5	ND	ND	ND	7	2	ND	8	16000	16000	110	2800	16000	14	29	33	120	100	ND	ND	ND	ND	ND	26000	260	340
Cis-1.3-	Dichloropropene	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-	Xylenes	5	ND	ND	ND	7	370	ND	ND	3600	6000	4	1	3100	6	460	10	2000	3	ND	ND	ND	ND	ND	4800	22	160
o-	Xylene	5	ND	ND	ND	2	230	ND	ND	1600	2100	2	5	1300	2	5	1	32	ND	ND	ND	ND	ND	ND	2200	8	67
Trans-1.2-	Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	86	130	3	110	130	2	ND	ND	2	ND	ND	ND	ND	ND	ND	1100	2	4
Trans-1.3-	Dichloropropene	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Target VOC		0	0	76	52	1625	3	8	62290	43420	230	12002	61454	210	912	151	3130	114	1	0	0	0	0	96028	722	1598
	TICS		0	0	0	0	969 (12)	0	0	9420(11)	451(10)	0	0	365(6)	0	1522(15)	206(10)	617(10)	0	0	0	0	0	0	716(4)	122(2)	337(2)
	TOTAL VOC w/TICS		0	0	76	52	2594	3	8	71710	43871	230	12002	61809	210	2434	356	3747	114	1	0	0	0	0	98744	844	1935

Notes:
All Values are in parts-per-billion (ppb)
ND=Not Detected (i.e., below method detection limit)
Groundwater Standard or Guidance Values as established in 6NYCRR Part 703 or the NYSDEC's Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1)
--Not Established
* The Maximum Contamination Level (Groundwater Standard) for the sum total of Total Trihalomethanes (includes bromodichloromethane, dibromochloromethane, bromoform, and chloroform) is 100 ppb



Legend

●	SEPTIC SYSTEM MANHOLE	▨	ELEVATED PORTION OF BUILDING
● WP-11S	GROUNDWATER MONITORING WELL (EXISTING)	▨	HALLWAY
● P-1S	PIEZOMETER (EXISTING)	▨	BUILDING WALL
▨	DRAINAGE DITCH (EXISTING)	▨	DOOR, OPENING, OR PASSAGEWAY
▨	POWER POLE	▨	REMOVABLE STRUCTURAL ELEMENT
▨	CATCH BASIN	▨	DEEP MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
▨	PRIOR SOIL BORINGS	▨	SHALLOW MONITORING WELL AND SOIL BORING (INSTALLED FEBRUARY 2004)
▨	MONITORING WELL (ONE INCH DIAMETER)	▨	BORING ATTEMPT - REFUSAL
▨	PRIOR SOIL BORINGS WITH DISCRETE GROUNDWATER SAMPLES		

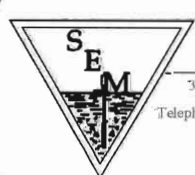
APPROXIMATE GRAPHIC SCALE



(IN FEET)

1 inch = 75 ft.

Groundwater Total VOC Isopleths Former Northeast Environmental Services, Inc. Canal St. Road. Lenox, New York NYSDEC SPILL NO.: 01-60024 PIN H-0529



Strategic Environmental Management, Inc.

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Telephone: (315) 386-2736 Facsimile: (315) 286-4756

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Telephone: (315) 685-8936 Facsimile: (315) 635-2380

MAP NOTES:

Base drawing derived from WCT Surveys, P.C. survey conducted 2002. This drawing has been prepared to illustrate site features that relate to SEM's work at the site, and should not be considered an accurate map suitable for property transfer or construction purposes.

Figure: 7

SEM File No.: 3003.0050.07.04

Date: July 8, 2004

Revised: September 23, 2004

Drawn By: A. Lee

Filename: NES 2004 VOC.GW Shallow vs Deep

SECTION 7

DISCUSSION AND OBSERVATIONS

The data generated during the course of the supplemental site investigation described herein and during SEM's previous site-wide investigation in October 2002 indicate the following:

1. The soil lithology observed in the borings advanced during the supplemental investigation was consistent with that previously observed across the site during prior investigative activities conducted by SEM. The soil profile generally consists of a surficial layer (approximately 4 to 8 feet in thickness) of an unsorted mix of silt and lesser and varying amounts of coarse to fine sand, medium to fine gravel, and clay. This surficial stratum is underlain by fine sand having varying degrees of silt and periodic and apparently discontinuous occurrences of medium sand. The transitions between the medium and fine sand are characterized by subtle and gradual grading rather than by distinct stratifications.

The sand regime is situated over a relatively dense glacial till comprised of an unsorted mix ranging from cobbles to clay. The depth to the top of the till unit ranges from approximately twenty five to in excess of forty feet across the site, with the depth generally increasing toward and beyond the northern portion of the parcel. The thickness of the glacial till deposit and the nature of the underlying geology have not been investigated to date.

2. The depth of the shallow overburden water table ranges seasonally from approximately two (2) to five (5) feet below existing grade, with little natural variation beyond these depths observed through historic monitoring activities. A localized depression of the water table is routinely noted around the two groundwater recovery wells (RW-1 and WP-5D) as a result of continual groundwater extraction associated with the remedial operations presently in place. Such depression is evident in the groundwater contours depicted on Figures 6A (Shallow Well Water Levels) and

6B (Deep Well Water Levels), and confirms the existence of free communication between the shallow and deep reaches of this overburden water bearing unit.

The groundwater contour maps presented in Section 6 of this report are based upon static water levels recorded from the "shallow " site monitoring wells (i.e., those screened across the water table-Figure 6A), and from the "deep" site monitoring wells (i.e., those screened across the lower ten or so feet of the overburden unit-Figure 6B) under conditions of groundwater extraction through the site recovery wells. Although these maps are not representative of natural/undisturbed groundwater flow, the available data compiled previously at the site has indicated that the natural groundwater flow beneath the site trends toward the north to northwest. Recent groundwater elevation data collected from the northern limits of the subject property and from an area extending approximately 200 to 300 feet north of the property during supplemental off-site investigation work undertaken by the USEPA in June 2004 reportedly suggests a moderate shift in groundwater flow in a direction that is slightly more west than that historically observed on the NES site. The findings of the USEPA investigation will reportedly be published in the near future.

3. The results of analyses for certain heavy metals performed on samples of soil from the various borings associated with this investigation indicate the presence of arsenic, cadmium, chromium, copper, lead, nickel, selenium and barium at concentrations in excess of the respective Recommended Soil Cleanup Objectives established in the NYSDEC's *TAGM 4046*. Of these metals, chromium is present in the widest distribution (see Figures 4A through 4H).

The metals analyses performed on samples of groundwater from the temporary monitoring wells installed during this investigation similarly indicated concentrations of arsenic, barium, cadmium, chromium, copper, lead, mercury, and nickel that are in excess of currently recognized groundwater standards for those compounds. The prominence of metals in groundwater that exceed groundwater standards is considerably more widespread than the occurrences of soil metals concentrations that exceed the Recommended Soil Cleanup Objectives.

4. Field PID screening results recorded from the various borings advanced during this investigation and during SEM's prior investigation of October 2002 have been plotted to generate isopleth drawings that depict the general distribution of PID readings throughout the upper (above 12 feet in depth) and lower (below twelve feet in depth) depths of the soil profile. Figure 3A depicts PID data beneath and north of the structure, and Figure 3B depicts condition located to the southeast of the structure. These drawings and the PID screening data tabulated in Table 5-1 herein indicate that the shallow soil (i.e., above 12 feet in depth) beneath a significant portion of the northern one-half of the structure exhibits elevated PID screening values in excess of 1,000 parts-per-million. The most significant PID screening result from soil collected below twelve feet in depth was recorded within boring SEM-SB-34 (October 2002) at 540 parts-per-million.

The field screening data is generally consistent with the results of laboratory analyses performed on soil samples from the borings, as tabulated in Table 5-3 and depicted on Figures 5A through 5D herein, indicating that the most significant concentrations of VOC exist in the shallow soil interval (0 to 16 feet in depth).

PID data collected in the area southeast of the building reveals a PID screening value of 4,557 parts-per-million at 6 feet in depth at boring SEM-SB-57. PID screening results diminished to 27.9 parts-per-million below twelve feet in depth at this boring. The laboratory VOC analysis data for this boring does not seem to support the field-observed PID data, as no VOC were present at concentrations above recognized Recommended Soil Cleanup Objectives. Further, no groundwater data was available for this boring, as the well was frozen at the time of the sampling event; therefore, it is unknown whether VOC impact to groundwater may exist at this location. As such, this well will be sampled in connection with the semi-annual groundwater monitoring event that is scheduled to be performed during first week of November 2004. Consideration should also be given to confirming the soil data in and around this location, as boring SEM-SB-57 represents the southeastern-most boring on the NES site, with no data available to document conditions east, south, or west of this location.

5. The distribution of dissolved-phase VOC concentrations in groundwater is generally consistent with the VOC data from the soil, with the most significant concentrations encompassing a large area beneath the northern one-half of the structure and a considerable area north of the building. Isopleths depicted on Figure 7 that are based upon the groundwater VOC data suggest that the dissolved-phase VOC in shallow wells (i.e., those screened across the groundwater table) appear to be concentrated beneath and north of the eastern two-thirds of the structure, while the most significant groundwater impact in the deep wells (i.e., those screened above the top of the till unit) appears to be concentrated beneath the western one-third of the building, and in the general vicinity of well cluster 4S and 4D (south of active recovery well RW-1).

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-20-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.3 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-40

(Page 1 of 2)

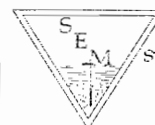
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 23.0-inches) Dark Gray to black crushed Dolostone GRAVEL, Organic Material and fine SAND. Dry to moist, loose. (Bottom 24.25-inches) Red-Brown to dark red-brown fine to medium SAND and SILT; some fine to medium, sub-angular to sub-round assorted Gravel; trace Clay and Organic Material. Moist and semi-dense.	1545	02-20-04	5.8	SEM-SB-40 (2.0-2.5')	(RCRA Metals & VOCs-8260)
1	N									
2	o	47.25	SM/GM							
3	n									
4	e							4.4		
5	N				4.0-8.0' (Top 16.0-inches) Red-Brown to dark red-brown fine to medium SAND and SILT; some fine to medium, sub-angular to sub-round assorted Gravel; trace Clay and Organic Material. Moist and semi-dense. (Next 12.0-inches) Dark Gray-red to dark gray-brown fine SAND; some Silt. Wet to saturated, semi-dense. (Bottom 14.25-inches) Dark Gray-red to dark gray-brown SILT and fine SAND. Saturated, semi-loose to semi-dense.	1600	02-20-04	4.4	SEM-SB-40 (5.5-6.0')	(RCRA Metals & VOCs-8260)
6	o	42.25	SM/GM					4.2		
7	n									
8	e							4.4		
9	N				8.0-12.0' (Top 15.5-inches) Dark Gray-red to dark gray-brown SILT and fine SAND. Saturated, semi-loose to semi-dense. (Bottom 22.5-inches) Dark Gray-red to dark gray-brown fine SAND; some Silt and coarse Sand. Saturated and loose.	1620	02-20-04	3.6	SEM-SB-40 (10.0-10.5')	(VOCs-8260)
10	o	38.0	SM							
11	n									
12	e							3.6		
13	N				12.0-16.0' Dark Gray-red to dark gray-brown fine SAND; some Silt. Saturated and semi-loose.			3.2		
14	o									
15	n	35.5	SM			1630	02-20-04	3.5	SEM-SB-40 (14.0-14.5')	(VOCs-8260)
16	e									
	N		SM					2.5		

*Note: Bgs. = Below Ground Surface.

*Possible Top of Basal Till encountered at approximately 31.3 feet bgs.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04
 DATE COMPLETED : 02-20-04
 GEOLOGIST : C.K Prothro, PG; CPG
 DRILLING COMPANY : Strategic Environmental
 NAME OF DRILLER : Chris Bradford
 DRILLING METHOD : Direct Push
 RIG TYPE : Geoprobe 5400
 TOTAL DEPTH : 31.3 ft bgs.
 GW DEPTH : Approx 5.5 ft bgs.
 SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-40

(Page 2 of 2)

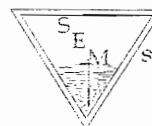
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N							2.5		
17	o							3.0		
18	n	37.0	SM		16.0-20.0' Dark Gray-red to dark gray-brown fine SAND; some Silt. Saturated and semi-loose.	1645	02-20-04	4.2	SEM-SB-40 (18.0-18.5') (VOCs-8260)	
19	e									
20	N							3.7		
21	o							3.9		
22	n	42.75	SM		20.0-24.0' Dark Gray-red to dark gray-brown fine SAND; some Silt. Saturated, loose to semi-loose.	1700	02-20-04	3.8	SEM-SB-40 (22.0-22.5') (VOCs-8260)	
23	e									
24	N							6.2		
25	o							6.1		
26	n	40.5	SM/ML		24.0-28.0' (Top 32.0-inches) Dark Red-brown to dark brown fine SAND and SILT. Saturated and loose. Wet to Saturated, loose to semi-dense. (Bottom 8.5-inches) Dark red-brown to dark brown-red SILT; some Clay and fine Sand; trace fine to medium, sub-round to sub-angular Dolostone Gravel. Wet to saturated, soft to loose to semi-dense. (Glacial Til)	1715	02-20-04	5.3	SEM-SB-40 (26.0-26.5') (VOCs-8260)	
27	e									
28	N							4.3		
29	o							5.3		
30	n	43.0	ML/SC		28.0-31.3' Dark red-brown to dark brown-red SILT; some Clay and fine Sand; trace fine to medium, sub-round to sub-angular Dolostone Gravel. Wet to saturated, soft to loose to semi-dense. (Glacial Til)	1730	02-20-04	7.4	SEM-SB-40 (29.5-30.0') (VOCs-8260)	
31	e				* Refusal at 31.3 ft-bg * * Bottom of borehole at 31.3 ft-bgs. *					
32										

*Note: Bgs. = Below Ground Surface.

*Possible Top of Basal Till encountered at approximately 31.3 feet bgs.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-23-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-23-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-40A

(Page 1 of 2)

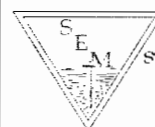
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 11.75-inches) Dark Gray-brown fine SAND and SILT; some Organic Material (Plant roots). Moist and semi-loose.			0.6		
1	N				(Next 13.0-inches) Light Brown to light brown-red fine SAND and SILT; some fine to medium, sub-round to sub-angular assorted Gravel and organic material. Moist and semi-dense. (Bottom 10.0-inches) Light Brown to brown-red medium SAND; some fine Sand and fine to medium, sub-angular to sub-round assorted Gravel. Moist and semi-dense to dense.	1200	02-23-04	0.7	SEM-SB-40A (2.0-2.5')	(RCRA Metals & VOCs-8260)
2	o	34.75	SM/GM					2.4		
3	n							2.2		
4	e							6.4		
5	N							8.1		
6	o	27.5	SM/GM		4.0-8.0' (Top 14.5-inches) Light Brown to brown-red medium SAND; some fine Sand and fine to medium, sub-angular to sub-round assorted Gravel. Moist and semi-dense to dense. (Bottom 13.0-inches) Dark Gray to black fine to medium SAND. Saturated and loose.	1230	02-23-04	5.8	SEM-SB-40A (5.5-6.0')	(RCRA Metals & VOCs-8260)
7	n							3.9		
8	e							5.9		
9	N				8.0-12.0' (Top 26.5-inches) Dark Gray to black fine to medium SAND. Saturated and loose. (Bottom 21.5-inches) Dark Gray to dark gray-brown SILT; some fine Sand. Saturated and loose.	1245	02-23-04	19.0	SEM-SB-40A (10.0-10.5')	(VOCs-8260)
10	o	48.0	SM					19.5		
11	n							19.6		
12	e									
13	N				12.0-16.0' Dark Gray to dark gray-brown SILT; some fine Sand. Saturated, loose to semi-loose.					
14	o									
15	n	39.0	ML			1255	02-23-04		SEM-SB-40A (14.0-14.5')	(VOCs-8260)
16	e									
	N		SM					14.7		

*Note: Bgs. = Below Ground Surface.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-23-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-23-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-40A

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N				16.0-20.0' Dark Gray-brown to dark brown-gray fine SAND and SILT. Saturated to wet, loose to semi-loose.			14.7		
17	o							20.9		
18	n	41.0	SM			1305	02-23-04	10.5	SEM-SB-40A (18.0-18.5') (VOCs-8260)	
19	e									
20	N				20.0-24.0' Dark Gray-brown to dark brown-gray fine SAND and SILT. Saturated to wet, loose.			7.6		
21	o							10.9		
22	n	44.0	SM			1325	02-23-04	15.4	SEM-SB-40A (22.0-22.5') (VOCs-8260)	
23	e									
24	N				24.0-28.0' (Top 3.0-inches) Dark Gray-brown to dark brown-gray fine SAND and SILT. Saturated, loose to very loose. (Bottom 25.5-inches) Dark Red-brown to dark brown-red SILT; some Clay fine Sand and fine to medium (trace coarse) sub-round to sub-angular assorted Gravels; trace Clay in layers approx. 0.25 to 1.50 inches thick). Wet to saturated, semi-loose to dense.			9.5		
25	o							6.5		
26	n	28.5	SM			1335	02-23-04	8.0	SEM-SB-40A (26.0-26.5') (VOCs-8260)	
27	e									
28	N	48.0			28.0-32.0' (Top 31.0-inches)) Dark Red-brown to dark brown-red SILT; some Clay fine Sand and fine to medium (trace coarse) sub-round to sub-angular assorted Gravels; trace Clay in layers approx. 0.25 to 1.50 inches thick). Wet to saturated, semi-loose to dense.			8.0		
29	o							6.0		
30	n		ML/SM			1345	02-23-04	8.4	SEM-SB-40A (30.0-30.5') (VOCs-8260)	
31	e				(Bottom 17.0-inches) Dark Red-brown to dark brown medium SAND; some fine Sand and Silt. Wet to saturated and loose.					
32										

* Bottom of borehole at 32.0 ft-bgs.*

*Note: Bgs. = Below Ground Surface.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-20-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : Calvin K. Prothro; PG, CPG TOTAL DEPTH : 29.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-41

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 12.75-inches) Dark Gray-brown to dark green-brown SILT; some fine Sand and Organic Material (Plant roots, etc.); trace fine, sub-round Assorted Gravel. Dry to moist, loose to semi-loose.					
1	N							8.7		
2	o	30.25	SM/GM		(Bottom 17.75-inches) Red-brown to brown-red SILT and fine SAND; some fine to medium, sub-round to sub-angular assorted Gravel; trace to some Organic Material (Plant root, etc.). Dry to moist, loose to semi-loose.	1350	02-20-04		SEM-SB-41 (2.0-2.5') (RCRA Metals & VOCs-8260)	Slight Green to green-yellow discoloration in lower 4.25"
3	n							6.4		
4	N				4.0-8.0' (Top 18.0-inches) Red-brown to brown-red SILT and fine SAND; some fine to medium, sub-round to sub-angular assorted Gravel; trace to some Organic Material (Plant root, etc.). Saturated and loose. (Bottom 11.0-inches) Dark Gray-black to dark gray-brown fine SAND; some Silt. Wet to saturated, loose to very loose.	1400	02-20-04	11.2	SEM-SB-41 (5.5-6.0') (RCRA Metals & VOCs-8260)	
5	o	29.0	SM/GM							
6	n							19.7		
7	e							6.3		
8	N				8.0-12.0' (Top 23.0-inches) Dark Gray-black to dark gray-brown fine SAND; some Silt. Saturated, semi-loose to loose.					
9	o				(Bottom 13.0-inches) Dark Gray-brown to dark gray-red SILT; trace to some fine Sand. Saturated and semi-dense to dense.	1415	02-20-04	8.1	SEM-SB-41 (10.0-10.5') (VOCs-8260)	
10	n	36.0	SM					9.1		
11	e							9.9		
12	N				12.0-16.0' Dark Gray-brown to dark gray-red SILT; trace to some fine Sand. Saturated and semi-loose.					
13	o							10.7	SEM-SB-41 (14.0-14.5') (VOCs-8260)	
14	n	42.25	ML			1430	02-20-04			
15	e							5.0		
16	N									

*Note: Bgs. = Below Ground Surface.

*ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental
Services Site
NYSDEC Spill #: 01-60024 / PIN#: H-0529
SEM PROJECT NO.: 3003.050.02.04
LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04
DATE COMPLETED : 02-20-04
GEOLOGIST : Calvin K. Prothro; PG, CPG
DRILLING COMPANY : Strategic Environmental
NAME OF DRILLER : Chris Bradford
DRILLING METHOD : Direct Push
RIG TYPE : Geoprobe 5400
TOTAL DEPTH : 29.0 ft bgs.
GW DEPTH : Approx 5.5 ft bgs.
SAMPLING METHOD : Marco-Core Liners

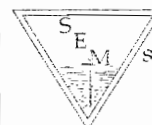
BORING LOG: SEM-SB-41

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N				16.0-20.0' Dark Gray-brown to dark gray-red SILT; trace to some fine Sand. Saturated and very loose.			5.0		
17	o							8.7		
18	e	46.0	ML			1445	02-20-04	7.3	SEM-SB-41 (18.0-18.5') (VOCs-8260)	
19										
20	N				20.0-24.0' Dark Gray-brown to dark gray-red SILT; trace to some fine Sand. Saturated, loose to very loose.			8.5		
21	o							6.7		
22	e	42.0	ML			1455	02-20-04	6.7	SEM-SB-41 (22.0-22.5') (VOCs-8260)	
23										
24	N				24.0-28.0' (Top 28.5'-inches) Dark Gray-brown to dark gray-red SILT; trace to some fine Sand. Saturated and semi-loose. (Bottom 16.0-inches) Dark red-brown to red-brown medium to coarse SAND and fine to medium, sub-angular to sub-round assorted GRAVEL interbedded with thin layers of SILT; trace Clay. Wet, dense to very dense.			8.5		
25	o							10.6		
26	e	44.5	ML/GC			1515	02-20-04	10.6	SEM-SB-41 (26.0-26.5') (VOCs-8260)	
27	N									
28	o				28.0-29.0' Dark red-brown to red-brown medium to coarse SAND and fine to medium, sub-angular to sub-round assorted GRAVEL interbedded with thin layers of SILT; trace Clay. Wet and very dense.	1520	02-20-04		SEM-SB-41 (28.0-28.5') (VOCs-8260)	
29	e	12.0	SM					10.3		
30										
31										
32										

* Refusal at 29.0 ft-bgs. *
* Bottom of borehole at 29.0 ft-bgs. *

*Note: Bgs. = Below Ground Surface.
*ND=None Detected
*Soil classifications are based on visual and manual field observations only.
*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-20-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 20.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-42

(Page 1 of 1)

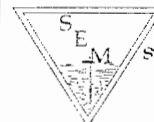
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 16.0-inches) Dark Brown to dark gray-brown SILT and fine SAND; some Organic Material (plant roots, etc.) and fine to medium, sub-round to sub-angular Dolostone Gravel. Dry to moist, semi-loose to semi-dense. (Next 12.25-inches) Red-brown to Light Red-brown SILT and fine SAND; trace Organic Material and fine to coarse, sub-round to sub-angular Assorted Gravels. Moist and dense. (Bottom 9.5-inches) Red-brown to brown-red fine to medium SAND. Wet to moist, loose.	1220	02-20-04	3.9	SEM-SB-42 (2.0-2.5') (RCRA Metals & VOCs-8260)	
1										
2	37.75		ML/SM							
3										
4								4.1		
5								1.5		
6	27.0		SM/ML			1230	02-20-04	3.9	SEM-SB-42 (5.5-6.0') (RCRA Metals & VOCs-8260)	
7					4.0-8.0' (Top 10.5-inches) Red-brown to brown-red fine to medium SAND. Wet to moist, loose. (Bottom 16.5-inches) Dark Brown to dark gray-brown fine SAND and SILT. Saturated and loose.					
8								2.6		
9										
10	45.25		SM/ML			1245	02-20-04	7.8	SEM-SB-42 (10.0-10.5') (VOCs-8260)	
11					8.0-12.0' (Top 21.5-inches) Dark Brown to dark gray-brown fine SAND and SILT. Saturated and loose. (Bottom 23.75-inches) Dark Gray-brown to dark gray-red SILT. Saturated and very loose.			3.8		
12								3.9		
13								4.8		
14	41.5		ML			1300	02-20-04	5.3	SEM-SB-42 (14.0-14.5') (VOCs-8260)	
15										
16								6.7		
17								3.1		
18	39.0		ML			1315	02-20-04	1.7	SEM-SB-42 (18.0-18.5') (VOCs-8260)	
19					* Bottom of borehole at 20.0 ft-bgs.*					
20										

*Note: Bgs. = Below Ground Surface.

*ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



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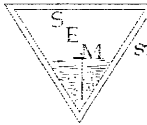
PROJECT: Former Northeast Environmental Services Site NYSDEC Spill #: 01-60024 / PIN#: H-0529 SEM PROJECT NO.: 3003.050.02.04 LOCATION: 4123 Canal St. Canastota, NY										
DATE STARTED : 02-20-04 DATE COMPLETED : 02-20-04 GEOLOGIST : C.K Prothro, PG; CPG DRILLING COMPANY : Strategic Environmental NAME OF DRILLER : Chris Bradford			DRILLING METHOD : Direct Push RIG TYPE : Geoprobe 5400 TOTAL DEPTH : 16.0 ft bgs. GW DEPTH : Approx 5.5 ft bgs. SAMPLING METHOD : Marco-Core Liners			BORING LOG: SEM-SB-43 (Page 1 of 1)				
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0	None	22.5	SM/GM		0.0-4.0' (Top 7.75-inches) Light Gray-brown to dark brown fine SAND, SILT and Crushed Limestone GRAVEL. Dry to moist, loose. (Bottom 14.75-inches) Red-brown to brown red fine SAND and SILT; trace fine, sub-round to sub-angular Dolostone Gravel. Moist, semi-loose.	1050	02-20-04	3.5	SEM-SB-43 (2.0-2.5') (RCRA Metals & VOCs-8260)	
1										
2										
3										
4	None	42.75	SM/GM		4.0-8.0' (Top 19.0-inches) Red-brown to brown red fine SAND and SILT; trace fine, sub-round to sub-angular Dolostone Gravel. Moist, semi-loose. (Bottom 23.75-inches) Red-brown to brown red fine SAND and SILT; trace fine, sub-round to sub-angular Dolostone Gravel. Moist and semi-loose.	1110	02-20-04	4.2	SEM-SB-43 (5.5-6.0') (RCRA Metals & VOCs-8260)	
5										
6										
7										
8	None	48.0	ML		8.0-12.0' (Top 3.0-inches) Red-brown to brown red fine SAND and SILT; trace fine, sub-round to sub-angular Dolostone Gravel. Moist and semi-loose. (Next 5.5-inches) Dark Gray-Brown to Dark Brown-gray fine SAND and SILT. Wet and very dense. (Next 4.25-inches) Dark Gray-Brown to Dark Brown-gray fine to coarse SAND and fine to medium assorted GRAVEL; trace Silt. Wet, loose to dense. (Next 2.75-inches) Dark Gray-Brown to Dark Brown-gray SILT; trace fine Sand. Wet, loose to dense. (Next 10.5-inches) Dark Gray-Brown to Dark Brown-gray fine to coarse SAND and fine to medium round to sub-angular assorted Gravels; trace Silt. Wet, loose to semi-dense. (Bottom 22.0-inches) Dark Gray-Brown to Dark Brown-gray fine to medium SAND. Saturated and loose.	1120	02-20-04	3.5	SEM-SB-43 (10.0-10.5') (VOCs-8260)	
9										
10										
11										
12	None	48.0	SM		12.0-16.0' Dark Gray-Brown to Dark Brown-gray fine to medium SAND. Wet to saturated, loose.	1150	02-20-04	3.7	SEM-SB-43 (14.0-14.5') (VOCs-8260)	
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
* Bottom of borehole at 16.0 ft-bgs.*										

*Note: Bgs. = Below Ground Surface.

*ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-20-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-44

(Page 1 of 2)

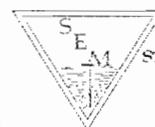
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 27.0-inches) Red-brown to brown-red SILT; some fine Sand; trace fine, sub-angular to sub-round Dolostone Gravel. Moist and loose. (Bottom 18.0-inches) Dark Brown to Dark Red-Brown SILT; trace fine Sand. Moist and dense.	0900	02-20-04	2.0	SEM-SB-44 (2.0-2.5') (RCRA Metals & VOCs-8260)	
1	N									
2	o	45.0	GM/ML					32.8		
3	n									
4	e							32.5		
5					4.0-8.0' (Top 22.0-inches) Dark Brown to Dark Red-Brown SILT; trace fine Sand. Moist to wet and semi-dense. (Bottom 9.25-inches) Dark Gray-brown medium SAND; trace to some Silt. Saturated and loose.	0920	02-20-04	14.3	SEM-SB-44 (5.0-5.5') (RCRA Metals & VOCs-8260)	
6	N	31.25	ML/SM					4.1		
7	o									
8	n									
9	e									
10					8.0-12.0' Dark Gray-Brown to Dark Brown-gray fine to medium SAND and SILT. Saturated and loose to semi-loose.	0930	02-20-04	4.0	SEM-SB-44 (10.0-10.5') (VOCs-8260)	
11	N	35.25	SM							
12	o									
13	n									
14	e				12.0-16.0' Dark Gray-Brown to Dark Brown-gray fine to medium SAND and SILT, grading into only SILT. Saturated and very loose to loose.	0945	02-20-04	4.3	SEM-SB-44 (14.0-14.5') (VOCs-8260)	
15		35.25	SM/ML							
16	N									
			ML					2.3		

*Note: Bgs. = Below Ground Surface.

*ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-20-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-20-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-44

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	None	42.0	ML		16.0-20.0' Dark Gray-brown to dark brown-gray SILT; trace fine SAND. Saturated and very loose.	0950	02-20-04	2.3	SEM-SB-44 (18.0-18.5') (VOCs-8260)	
17								3.1		
18								2.7		
19										
20	None	43.25	ML/SM		20.0-24.0' (Top 27.0-inches) Dark Gray-brown to dark brown-gray SILT; trace fine SAND. Saturated and very loose. (Bottom 16.25-inches) Dark Brown-red to dark red-brown medium to fine SAND; some to trace SILT. Saturated, loose to semi-loose.	1005	02-20-04	1.5	SEM-SB-44 (22.0-22.5') (VOCs-8260)	
21								1.9		
22								1.5		
23										
24	None	32.0	SM/GM		24.0-28.0' (Top 5.5-inches) Dark Brown-red to dark red-brown medium to fine SAND; some to trace SILT. Saturated, loose to semi-loose. (Bottom 26.5-inches) Dark Red to red-brown fine to coarse SAND and SILT; some fine to coarse, sub-angular to sub-round Dolostone Gravel; trace fine, sub-angular to sub-round Assorted Gravel and Clay. Wet to saturated, dense to very dense. (Glacial Til)	1015	02-20-04	1.9	SEM-SB-44 (26.0-26.5') (VOCs-8260)	
25								2.2		
26								2.8		
27										
28	None	30.75	SM/GM		28.0-32.0' Dark Red to red-brown fine to coarse SAND and SILT; some fine to coarse, sub-angular to sub-round Dolostone Gravel; trace fine, sub-angular to sub-round Assorted Gravel and Clay. Wet to saturated, dense to very dense. (Glacial Til)	1025	02-20-04	1.7	SEM-SB-44 (30.0-30.5') (VOCs-8260)	
29								2.8		
30								3.2		
31										
32					* Bottom of borehole at 32.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface.

*ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

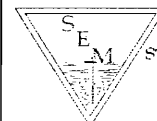
DATE STARTED : 02-19-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-19-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-45

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' NOTE: 9.25-inches of concrete flooring above					
1	N				(Top 6.0-inches) Broken Concrete			1.5		
2	o				(Next 14.5-inches) Dark Brown to dark red-gray fine to coarse SAND;			1.2		
3	n	30.5	SM/GM		some angular, fine to medium Dolostone Gravel; trace Silt. Moist to dry, loose.			2.3		
4	e				(Next 1.5-inches) Dark Brown to dark red-gray fine to coarse SAND;	1435	02-19-04		SEM-SB-45 (3.5-4.0')	
5					some angular, fine to medium Dolostone Gravel; trace Clay and Silt. Moist, semi-loose to semi-dense.			6.0	(RCRA Metals & VOCs-8260)	
6	N				(Bottom 5.5-inches) Red-brown to Dark gray-red SILT and fine SAND;			286	SEM-SB-45 (5.5-6.0')	
7	o	29.5	ML/SM		trace fine to medium, round to sub-round Dolostone Gravel. Moist and semi-dense.	1445	02-19-04	136	(RCRA Metals & VOCs-8260)	
8	n				4.0-8.0' (Top 14.5-inches) Red-brown to Dark gray-red SILT and fine SAND; some Urban Fill Material (Red Brick Fragments); trace fine to medium, round to sub-round Dolostone Gravel. Moist and semi-dense.			10.8		
9	e				(Bottom 15.0-inches) Dark red-brown to dark red fine to medium SAND; some Silt; trace Clay. Wet to saturated.			11.3		
10					8.0-12.0' (Top 1.0-inches) Dark red-brown to dark red fine to medium SAND; some Silt; trace Clay. Wet to saturated.	1500	02-19-04	16.7	SEM-SB-45 (10.0-10.5')	
11	N	32.0	SM		(Bottom 31.0-inches) Dark Gray-red to dark gray-brown medium to fine SAND. Saturated, semi-loose to semi-dense.				(VOCs-8260)	
12	o				12.0-16.0' Dark Gray-black to dark gray-red SILT and fine SAND. Saturated and loose to semi-dense.			3.7		
13	n							2.9		
14	e							3.1	SEM-SB-45 (14.0-14.5')	
15		37.75	ML/SM			1510	02-19-04		(VOCs-8260)	
16	N							4.7		

*Note: GT = Glacial Till Material (Basal Till) *Bgs. = Below Ground Surface.
 *Top of Basal Till encountered at approximately 31.2 feet bgs. *ND=None Detected
 *Soil classifications are based on visual and manual field observations only.
 *Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental
Services Site
NYSDEC Spill #: 01-60024 / PIN#: H-0529
SEM PROJECT NO.: 3003.050.02.04
LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-19-04 DRILLING METHOD : Direct Push
DATE COMPLETED : 02-19-04 RIG TYPE : Geoprobe 5400
GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 32.0 ft bgs.
DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-45

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N				16.0-20.0' Dark Gray-black to dark gray-red SILT and fine SAND. Saturated and very loose.			4.7		
17	o							3.8		
18	e	37.75	ML/SM			1515	02-19-04	3.5	SEM-SB-45 (18.0-18.5') (VOCs-8260)	
19										
20	N				20.0-24.0' Dark Gray-black to dark gray-red SILT and fine SAND. Saturated and semi-loose.			0.7		
21	o							ND		
22	e	37.75	ML/SM			1530	02-19-04	ND	SEM-SB-45 (22.0-22.5') (VOCs-8260)	
23								ND		
24	N				24.0-28.0' (Top 7.0-inches) Dark Gray-black to dark gray-red SILT and fine SAND. Saturated and semi-loose. (Next 27.0-inches) Red to Dark Red-brown fine SAND, SILT and CLAY; trace to some fine to medium, angular to sub-angular Dolostone Gravel. Moist and soft.			0.1		
25	o							ND		
26	e	37.75	ML/SC		(Bottom 14.0-inches) Dark Red-brown to red fine SAND and SILT; some fine to medium, sub-angular to sub-round Dolostone Gravel. (Glacial Till) Moist to wet, soft to very dense.	1550	02-19-04	ND	SEM-SB-45 (26.0-26.5') (VOCs-8260)	
27								ND		
28	N				28.0-32.0' Dark Red-brown to red fine SAND and SILT; some fine to medium, sub-angular to sub-round Dolostone Gravel. (Glacial Till) Wet and very dense.			ND		
29	o							ND		
30	e	37.75	SM/GM			1610	02-19-04	ND	SEM-SB-45 (30.0-30.5') (VOCs-8260)	
31								ND		
32					* Bottom of borehole at 32.0 ft-bgs.*					

*Note: *Bgs. = Below Ground Surface.

*Top of Basal Till encountered at approximately 31.2 feet bgs. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-17-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-17-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-46

(Page 1 of 3)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' NOTE: 10.0-inches of concrete flooring above. (Top					
1	N				10.8-inches) Light Gray Medium to fine SANDY SILT; some fine Gravel. Moist and unsorted. (Next			146		
2	o	38.0	SM		12.0-inches) Dark Brown and Reddish-brown Medium to Fine SANDY SILT; little fine Gravel; trace medium Gravel. Moist, unsorted (apparent fill material/previously re-worked material). (Next	1540	02-17-04	518	SEM-SB-46 (1.8') (RCRA Metals)	Strong Solvent type odor in lower 2.0 feet of sample.
3	n				8.4-inches) Dark Brown SILT; trace fine Sand and Organics (Vegetation Matter). Moist and Dense. (Bottom			2326		
4	e				6.0-inches) Brown Medium SAND. Moist and dense.	1530	02-17-04	3749	SEM-SB-46 (3.5') (VOCs-8260)	
5	N				4.0-8.0' (Top 3.6-inches) Brown Medium SAND. Moist and dense. (Next 20.4-inches) Olive and Reddish-Brown to pink SILT; little coarse Sand to fine Gravel; trace Clay. Moist, very slightly plastic, moderately dense. (Next 6.0-inches)			3222		
6	o	45.0	SM/ML		Reddish-brown medium to fine SAND; little Silt; trace fine Gravel. Saturated, unsorted. (Next	1600	02-17-04	4426	SEM-SB-46 (5.0') (VOCs-8260)	Possible color staining observed at 6.5 to 6.8 ft. depth interval
7	n				3.6-inches) multi-colored layer of SILT; little Clay; trace fine Sand. (Bottom 14.4-inches) Reddish-Gray fine SAND; little to trace Silt and medium Sand (2.5-inch thick layers of Gray-brown Silt present at 7.0-7.2 feet). Saturated.	1610	02-17-04	1047	SEM-SB-46 (6.5-6.8') (RCRA Metals)	
8	e							3486		
9	N							1441		
10	o	46.0	SM/ML			1635	02-17-04	398	SEM-SB-46(9.0') (VOCs-8260)	
11	n							129		

* Note: *Bgs. = Below Ground Surface.

*ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-17-04
 DATE COMPLETED : 02-17-04
 GEOLOGIST : H. Nevin Bradford III
 DRILLING COMPANY : Strategic Environmental
 NAME OF DRILLER : Chris Bradford
 DRILLING METHOD : Direct Push
 RIG TYPE : Geoprobe 5400
 TOTAL DEPTH : 32.0 ft bgs.
 GW DEPTH : Approx 5.5 ft bgs.
 SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-46

(Page 2 of 3)

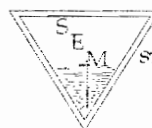
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
11					8.0-12.0' (Top 9.6-inches) Reddish Gray coarse to fine SAND; little fine Gravel; trace Silt. Saturated, unsorted. (Next 15.6-inches) Gray-tan fine SAND; trace medium Sand and Silt. Saturated. (Next 6.0-inches) Brown medium to slightly Reddish-brown SILT and very fine SAND. Saturated and moderately dense. (Next 4.8-inches) Gray-tan fine SAND; trace medium Sand and Silt. Saturated. (Next 10.8-inches) Brown medium to slightly Reddish-brown SILT and very fine SAND. Saturated and moderately dense. (Bottom 1.2-inches) Dark Gray to Black fine SAND; trace medium Sand and Silt. Saturated.			57.5		
12	N		SM/ML					43.5		
13	o					1650	02-17-04	12.4	SEM-SB-46 (13.0')	Possible Hydrocarbon odor noted at 14-16 ft depth interval
14	n		SM/ML					9.6	(VOCs-8260)	
15	e	48.0						9.3		
16					12.0-16.0' (Top 6.0-inches) Dark Gray to Black fine SAND; trace medium Sand and Silt. Saturated grading to Reddish-gray fine SAND; trace medium Sand and Silt. Saturated. (Bottom 42.0-inches) Dark Brown to Reddish Brown SILTY fine SAND and fine SANDY SILT. Saturated, interchanging strata, moderately dense.			9.8		
17	N					1700	02-17-04	8.1	SEM-SB-46 (17.0')	
18	o		SM		16.0-20.0' Dark Brown fine SANDY SILT. Saturated and moderated dense.			2.8	(VOCs-8260)	
19	n							1.7		
20	e	46.0						1.5		
21			SM		20.0-24.0' (Top 36-inches) Dark Brown fine SANDY SILT. Saturated and moderated dense. grading to brown SILTY fine SAND. (Bottom 9.0-inches) Brown SILTY fine SAND. Saturated.			1.4		
22	N									

* Note: *Bgs. = Below Ground Surface.

*ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental
Services Site
NYSDEC Spill #: 01-60024 / PIN#: H-0529
SEM PROJECT NO.: 3003.050.02.04
LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-17-04 DRILLING METHOD : Direct Push
DATE COMPLETED : 02-17-04 RIG TYPE : Geoprobe 5400
GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 32.0 ft bgs.
DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-46

(Page 3 of 3)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
22		45.0				1720	02-17-04	1.4	SEM-SB-46 (22.0')	
23			SM					ND	(VOCs-8260)	
24	N				24.0-28.0' (Top 31.2-inches) Brown to reddish-brown SILTY fine SAND grading to brown to reddish-brown similar; little medium Sand. Saturated.			ND		
25	o				(Bottom 16.8-inches) Reddish-gray CLAYEY SILT; little coarse to fine Sand; trace fine sub-round Gravel (Glacial Till). Saturated and			ND		
26	n		SM/ML		unsorted.	1735	02-17-04	ND	SEM-SB-46 (26.0')	
27	e	47.0						ND	(VOCs-8260)	
28					28.0-32.0' (Top 21.6-inches) Reddish-gray CLAYEY SILT; little coarse to fine Sand; trace fine sub-round Gravel (Glacial Till). Saturated. (Bottom 30.0-inches) Reddish-brown to reddish-gray SILT; little coarse to fine Sand; trace medium to fine, sub-round Gravel (Glacial Till). Saturated, very dense, unsorted.			ND		
29	N							ND		
30	o		ML/GT			1755	02-17-04	ND	SEM-SB-46(30.0')	
31	n	48.0						ND	(VOCs-8260)	
32	e				* Bottom of borehole at 32.0 ft-bgs.*			ND		
33										

* Note: *Bgs. = Below Ground Surface.

*ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx. *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-18-04
 DATE COMPLETED : 02-18-04
 GEOLOGIST : C.K Prothro, PG; CPG
 DRILLING COMPANY : Strategic Environmental
 NAME OF DRILLER : Chris Bradford

DRILLING METHOD : Direct Push
 RIG TYPE : Geoprobe 5400
 TOTAL DEPTH : 32.0 ft bgs.
 GW DEPTH : Approx 5.5 ft bgs.
 SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-47

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 8.5-inches of concrete flooring above Dark Green-brown to dark brown fine SAND and SILT; some fine to coarse angular to sub-angular Dolostone Gravel. Dry to moist, loose to semi-dense.			86.5		
1	N									
2	o									
3	e	32.75	SM/GM					97.7		
4						1445	02-18-04		SEM-SB-47 (3.5-4.0') (RCRA Metals & VOCs-8260)	Strong Solvent-like odor.
5	N				4.0-8.0' (Top 19.5-inches) Dark Green-brown to dark brown fine SAND and SILT; some fine to coarse angular to sub-angular Dolostone Gravel. Dry to moist, loose to semi-dense. (Bottom 25.5-inches) Dark Brown to dark brown-black fine SAND and SILT; trace to some medium Sand. Wet to saturated.			1721		
6	o					1500	02-18-04	2855	SEM-SB-47 (5.5-6.0') (RCRA Metals & VOCs-8260)	
7	e	45.0	SM/GM					3791		
8										
9	N				8.0-12.0' (Top 29.0-inches) Dark Brown to dark brown-black fine SAND and SILT; trace to some medium Sand. Wet to saturated. (Bottom 12.75-inches) Dark brown to dark gray-brown SILT; some fine Sand. Saturated to wet.			537		Strong Solvent-like odor.
10	o					1515	02-18-04	89.9	SEM-SB-47 (10.0-10.5') (VOCs-8260)	
11	e	41.75	SM/ML							
12								252		
13	N				12.0-16.0' Dark brown to dark gray-brown SILT; some fine Sand. Saturated to wet.			165		
14	o									
15	e	40.75	ML/SM			1520	02-18-04	28.7	SEM-SB-47 (14.0-14.5') (VOCs-8260)	
16	N									
								33.7		

*Note: Bgs. = Below Ground Surface.

*ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-17-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-17-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 24.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-48

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 8.5-inches of Concrete Flooring (Top 9.0-inches) Light Gray Medium to fine SANDY SILT; some fine Gravel. Moist and unsorted. (Bottom 30.0-inches) Dark Brown and olive medium to fine SANDY SILT; little fine Gravel; trace medium Gravel. Moist, unsorted (apparent fill material).	1810	02-17-04	1824 3183	SEM-SB-48 (1.5') (RCRA Metals)	Solvent odor.
1	None	26	SM/GM							
2								1809		
3										
4	None					1805	02-17-04	3440	SEM-SB-48 (4.0') (VOCs-8260)	Very Strong Apparent Solvent odor.
5					4.0-8.0' (Top 6.0-inches) Dark Brown and olive medium to fine SANDY SILT; little fine Gravel; trace medium Gravel. Moist, unsorted (apparent fill material). (Next 1.0-inches) Reddish-brown fine SAND; little Silt. Moist to saturated.	1825	02-17-04	8222	SEM-SB-48 (5.5') (VOCs-8260)	Possible coloration in soil at 5.5-7 ft.
6	None	36	SM/GC			1825	02-17-04	6030	SEM-SB-48 (6.0') (RCRA Metals)	
7					(Next 8.0-inches) Reddish brown and olive SILT; some Clay; little coarse to fine Sand. Saturated, moderately plastic, soft.			3774		
8	None				(Bottom 12.0-inches) Reddish Dark brown-Gray SILTY fine SAND. Saturated.			2809		Very Strong Apparent Solvent odor.
9								1594		
10	None	48	SM/ML			1835	02-17-04	3447	SEM-SB-48 (10.0') (VOCs-8260)	
11								1148		
12	None				8.0-12.0' (Top 9.6-inches) Reddish-brown SILTY coarse to fine SAND and fine GRAVEL; trace Clay. Saturated and unsorted.			1043		Organic Odor Apparent.
13						1840	02-17-04	140	SEM-SB-48 (13.0') (VOCs-8260)	
14	None	42	SM/ML					135		
15					12.0-16.0' Dark Brown SILTY fine SAND and fine SANDY SILT. Saturated, moderately dense.			63		
16	None							30		
17					16.0-20.0' Dark Brown SILTY fine SAND. Saturated.	1820	02-17-04	9.3	SEM-SB-48 (16.5') (VOCs-8260)	
18	None	8.0	SM/ML					9.3		Obstruction Noted believed to be rock in cutting shoe resulted in poor sample recovery
19								9.3		
20	None							9.3		
21					20.0-24.0' Dark Brown SILTY fine SAND. Saturated.			ND		
22	None	40	SM/ML			1900	02-17-04	ND	SEM-SB-48 (22.0') (VOCs-8260)	
23					* Bottom of borehole at 24.0 ft-bgs.*			ND		
24										

*Note: Bgs. = Below Ground Surface.

*ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-18-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-18-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.2 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-49

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 9.0-inches of concrete flooring. (Top 4.25-inches) Asphalt and fine to coarse, angular Dolostone GRAVEL. Dry and loose. (Next 5.25-inches) Light Gray-brown fine SAND and SILT; trace to some coarse to fine angular to sub-round Gravel. Dry and loose. (Bottom 17.0-inches) Red-brown to gray-red fine SAND and SILT; trace to some fine to medium (trace coarse) angular to sub-round Dolostone Gravel. Dry to moist, loose.			724		Strong Solvent-like odor.
1	N	26.5	SM/GM			0900	02-18-04	757	SEM-SB-49 (3.5-4.0') (RCRA Metals & VOCs-8260)	
2	o							2697		
3	n									
4	e									
5	N	29.5	SM/GM		4.0-8.0' (Top 8.0-inches) Red-brown to gray-red fine SAND and SILT; trace to some fine to medium (trace coarse) angular to sub-round Dolostone Gravel. Moist to wet, loose. (Next 14.5-inches) Dark Gray to dark gray-black fine SAND, SILT and fine to coarse angular to sub-round Dolostone GRAVEL; trace Urban Fill Material (Wires, plastic, etc.). Wet to saturated, loose. (Bottom 7.0-inches) Dark Brown to dark brown Gray fine SAND and SILT. Wet to saturated, loose.	0935	02-18-04	2759	SEM-SB-49 (6.0-6.5') (RCRA Metals & VOCs-8260)	Strong Solvent-like odor.
6	o							617		
7	n									
8	e					0955	02-18-04	297	SEM-SB-49 (8.0-8.5') (VOCs-8260)	
9	N									
10	o	46.5	SM		8.0-12.0' Dark Brown to dark brown Gray fine SAND and SILT grading into medium Sand. Wet to saturated, loose to semi-loose.			170		
11	n							24.8		
12	e									
13	N				12.0-16.0' Dark Brown to dark red-brown medium SAND; some fine Sand and Silt. Saturated and loose.			57.7		
14	o									
15	n	35.75	SM			1010	02-18-04	6.8	SEM-SB-49 (14.0-14.5') (VOCs-8260)	
16	e							6.9		
17	N		SM					23.9		

*Note: Bgs. = Below Ground Surface. *ND=None Detected *Soil classifications are based on visual and manual field observations only.
 *Depths noted are approx.
 *PID screening performed by headsapce analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-18-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-18-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.2 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-49

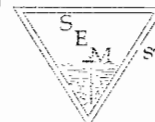
(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N				16.0-20.0' Dark Brown to dark red-brown fine SAND and SILT interbedded with medium SAND. Saturated and very loose.			23.9		
17	o							10.4		
18	n	23.75	SM			1015	02-18-04	11.8	SEM-SB-49 (18.0-18.5') (VOCs-8260)	
19	e									
20	N				20.0-24.0' Dark Brown to dark red-brown fine SAND and SILT interbedded with medium SAND. Saturated and loose to very loose.			ND		
21	o							ND		
22	n	43.0	SM			1035	02-18-04	ND	SEM-SB-49 (22.0-22.5') (VOCs-8260)	
23	e									
24	N				24.0-28.0' Dark Brown to dark brown-gray fine SAND and SILT. Saturated and very loose.			ND		
25	o							ND		
26	n	43.0	SM			1050	02-18-04	ND	SEM-SB-49 (26.0-26.5') (VOCs-8260)	
27	e									
28	N				28.0-31.0' (Top 2.75-inches) Dark Brown to dark brown-gray fine SAND and SILT. Saturated and very loose. (Bottom 35.5-inches) Red-brown fine SAND and SILT; some fine to medium angular to sub-round Dolostone Gravel; trace Clay. (Glacial Till) Moist and very dense.			11.5		
29	o									
30	n	38.25	SM/GM					6.3	SEM-SB-49 (30.5-31.0') (VOCs-8260)	
31	e					1110	02-18-04	17.1		
32					* Refusal at 31.0 ft-bgs. * Bottom of borehole at 31.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface. *ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headsapce analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-19-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-19-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-50

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0										
1	N				0.0-4.0' Note: 8.5-inches of concrete flooring. (Top 12.0-inches) Dark Brown SILT, little coarse to fine Sand and fine Gravel (apparent fill material). Moist and unsorted (Next 6.0-inches) Dark Brown to Black SILT; trace medium to fine Gravel and Organic (vegetation matter). Moist. (Bottom 8.4-inches) Orange-brown SILT; trace medium to fine Sand, Clay and fine Gravel. Moist, unsorted and moderately dense.	1040	02-19-04		SEM-SB-50Y (0.5')	
2	o	47.0	ML/SM			1040	02-19-04	10.6	and SEM-SB-50Z(0.5')	Apparent Solvent type odor evident.
3	n							16.6	(RCRA Metals)	
4	e					1015	02-19-04	3200	SEM-SB-50 (3.8-4.0')	
5					4.0-8.0' (Top 14.4-inches) Orange-brown SILT; little Clay; trace medium to fine Sand, Clay and fine Gravel. Moist to wet, unsorted and moderately dense to slightly plastic. (Next 7.2-inches) Gray-brown SILT; trace fine Sand. Saturated and dense. (Bottom 26.4-inches) Dark Gray-brown fine SAND; trace Silt. Saturated and Uniform.			>9999	(VOCs-8260)	
6	N	39.0	ML/SM			1100	02-19-04	251	SEM-SB-50 (5.5')	
7	o							44.8	(VOCs-8260)	
8	n							4.6		
9	e				8.0-12.0' Dark Gray-brown fine SAND; trace Silt. Saturated and Uniform.			4.9		
10		46.0	SM			1130	02-19-04	346	SEM-SB-50 (9.0')	
11	N							32.9	(VOCs-8260)	
12	o				12.0-16.0' Dark Gray-Brown SILT and fine SAND. Saturated.			4.1		
13	n							2.1		
14	e	45.0	ML					1.8		
15								1.4		
16	N		ML/SM					1.3		

Note: Bgs. = Below Ground Surface. *ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental
Services Site
NYSDEC Spill #: 01-60024 / PIN#: H-0529
SEM PROJECT NO.: 3003.050.02.04
LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-19-04
DATE COMPLETED : 02-19-04
GEOLOGIST : C.K Prothro, PG; CPG
DRILLING COMPANY : Strategic Environmental
NAME OF DRILLER : Chris Bradford
DRILLING METHOD : Direct Push
RIG TYPE : Geoprobe 5400
TOTAL DEPTH : 31.0 ft bgs.
GW DEPTH : Approx 5.5 ft bgs.
SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-50

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N				16.0-20.0' Dark Brown to dark gray-brown fine SAND and SILT. Wet to saturated, loose to very loose.			1.3		
17	o							5.6		
18	n	36.5	ML/SM			1205	02-19-04	4.3	SEM-SB-50 (18.0-18.5') (VOCs-8260)	
19	e							4.6		
20	N				20.0-24.0' Dark Brown to dark gray-brown fine SAND and SILT. Wet to saturated, loose to very loose.			6.1		
21	o							58.1		
22	n	38.5	SM/ML			1215	02-19-04	65.4	SEM-SB-50 (22.0-22.5') (VOCs-8260)	
23	e							5.4		
24	N				24.0-28.0' (Top 20.5-inches) Dark Brown to dark gray-brown fine SAND and SILT. Wet to saturated, loose to very loose.			1.4		
25	o				(Bottom 11.5-inches) Dark brown to dark red-brown fine SAND; trace to some Silt. Saturated, loose to very loose.			5.6		
26	n	32.0	ML/SM			1230	02-19-04	5.8	SEM-SB-50 (26.0-26.5') (VOCs-8260)	
27	e							4.0		
28	N				28.0-31.0' (Top 1.5-inches) Dark brown to dark red-brown fine SAND; trace to some Silt. Saturated, loose to very loose. (Bottom 24.5-inches) Dark red-brown to dark brown red fine SAND and SILT; some fine to coarse, angular to sub-round Dolostone and Sandstone Gravel; trace Clay. (Glacial Til) Moist to dry, very dense.			1.6		
29	o							1.8		
30	n	26.0	ML/SM			1240	02-19-04	2.1	SEM-SB-50 (30.0-30.5') (VOCs-8260)	
31	e									
32					* Refusal at 31.0 ft-bgs. * * Bottom of borehole at 31.0 ft-bgs.*					

Note: Bgs. = Below Ground Surface. *ND=None Detected *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.

PROJECT: Former Northeast Environmental
Services Site
NYSDEC Spill #: 01-60024 / PIN#: H-0529
SEM PROJECT NO.: 3003.050.02.04
LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-19-04
DATE COMPLETED : 02-19-04
GEOLOGIST : C.K Prothro, PG; CPG
DRILLING COMPANY : Strategic Environmental
NAME OF DRILLER : Chris Bradford
DRILLING METHOD : Direct Push
RIG TYPE : Geoprobe 5400
TOTAL DEPTH : 20.0 ft bgs.
GW DEPTH : Approx 5.5 ft bgs.
SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-51

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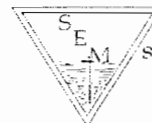
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 9.0-inches) Dark Brown fine SAND and SILT; some fine to medium, round to sub-angular assorted Gravel. Moist, loose.			208		
1	N				(Next 12.75-inches) Red to red-brown fine SAND, SILT and fine to medium, sub-angular to sub-round Assorted GRAVEL; trace coarse, sub-angular to sub-round Assorted Gravel. Moist to dry, semi-loose to semi-dense. (Next 11.0-inches) Green-gray to Light Gray-brown fine SAND, SILT and fine to medium assorted GRAVEL. Dry to moist, loose to semi-loose.			54.9		
2	o	33.25	SM/GM		(Bottom 1.0-inches) Wood fragments. Dry.			58.1		
3	n				4.0-8.0' (Top 18.5-inches) Red-brown to green-yellow fine to coarse SAND, SILT and fine to medium, round to angular assorted GRAVELS. Moist and loose.	1315	02-19-04	1127	SEM-SB-51 (3.5-4.0') (RCRA Metals & VOCs-8260)	Strong Solvent-like odor present.
4	e				(Next 4.5-inches) Red-brown to green-yellow fine to coarse SAND, SILT and fine to medium, round to angular assorted GRAVELS. Saturated to wet. (Next 13.0-inches) Dark Brown to dark gray-brown SILT; trace to some fine Sand. Wet to saturated. (Bottom 1.0-inches) Dark brown medium to fine SAND; trace to some Silt. Moist to wet, semi-loose to semi-dense.			297		Heavy Black and Green staining present.
5	N				8.0-12.0' Dark brown medium to fine SAND; trace to some Silt. Wet to Saturated, loose to semi-loose.	1330	02-19-04	4557	SEM-SB-51 (6.0-6.5') (RCRA Metals & VOCs-8260)	
6	o	37.0	SM/GM		12.0-16.0' Dark brown medium to fine SAND; trace to some Silt. Wet to Saturated, loose to semi-loose.			1140		
7	n				16.0-20.0' Dark brown medium to fine SAND; trace to some Silt. Wet to Saturated, loose to semi-loose.			325		
8	e							169		
9	N					1345	02-19-04	42.9	SEM-SB-51 (10.0-10.5') (VOCs-8260)	
10	o	37.0	SM					27.9		
11	n							7.8		
12	e							19.5		
13	N					1415	02-19-04	8.4	SEM-SB-51 (14.0-14.5') (VOCs-8260)	
14	o	48.0	SM					0.1		
15	n							ND		
16	e							ND		
17	N							ND		
18	o	35.5	SM					ND		
19	n							ND		
20	e				* Bottom of borehole at 20.0 ft-bgs.*			ND		

*Note: Bgs. = Below Ground Surface. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-24-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-24-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 16.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-52

(Page 1 of 1)

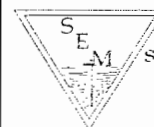
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 8.0-inches of concrete flooring. (Top 12.0-inches) Medium to fine angular Limestone GRAVEL and brown SILT and coarse to fine SAND. Moist and unsorted. (Bottom 36.0-inches) Dark Brown to medium brown SILT; little medium to fine Sand; trace Clay. Moist and moderate dense.	1525	02-24-04	1.2	SEM-SB-52 (1.5') (RCRA Metals)	
1	N									
2	o	32.0	GM/ML							
3	n									
4	e					1520	02-24-04	2.6	SEM-SB-52 (3.5-4.0') (VOCs-8260)	
5	N				4.0-8.0' (Top 12.0-inches) Dark Gray-brown to reddish brown SILT and fine SAND. Wet to saturated, moderately dense. (Next 12.0-inches) Reddish brown fine SAND and SILT. Saturated and dense. (Bottom 24.0-inches) Dark Gray-brown fine SAND; trace medium Sand and Silt. Saturated and moderately dense.	1540	02-24-04	12.3	SEM-SB-52 (4.5-5.0') (RCRA Metals)	
6	o	27.0	ML/SM					5.2		
7	n									
8	e									
9	N				8.0-12.0' Dark Gray-brown fine SAND; trace medium Sand and Silt. Saturated and moderately dense.			0.8		
10	o							0.8		
11	n	48.0	SM			1630	02-24-04	1.0	SEM-SB-52 (10.5-11.0') (VOCs-8260)	
12	e									
13	N				12.0-16.0' Dark Gray-brown fine SAND and SILT. Saturated and moderately dense.			1.1		
14	o					1615	02-24-04	5.2	SEM-SB-52 (13.0-13.5') (VOCs-8260)	
15	n	47.0	SM					1.0		
16	e				* Bottom of borehole at 16.0 ft-bgs.*			1.1		

*Note: Bgs. = Below Ground Surface. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-24-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-24-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 12.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-53

(Page 1 of 1)

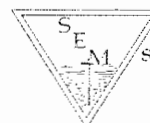
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 9.0-inches of concrete flooring. (Top 12.0-inches) Medium to fine angular crushed Limestone Gravel, brown medium to fine SAND and SILT. Moist and unsorted. (Next 9.0-inches) Black SILT; little fine Sand. Moist. (Bottom 18.0-inches) Olive to reddish-brown SILT; little medium to fine Sand; trace fine sub-rounded Gravel and Clay. Moist, unsorted, dense and very to slightly plastic.					Strong Petroleum-like odor.
1	N							3.4		
2	o	42.0	GM/ML					22.2		
3	n					1720	02-24-04	54.6	SEM-SB-53 (3.5')	
4	e								(RCRA Metals)	
5	N				4.0-8.0' (Top 12.0-inches) Olive to reddish-brown SILT; little medium to fine Sand; trace fine sub-rounded Gravel and Clay. Moist to wet, unsorted, dense and very to slightly plastic. (Next 24.0-inches) Dark Brown to yellowish-brown fine SAND; some Silt. Saturated and semi-dense. (Bottom 12.0-inches) Dark Gray-brown fine SAND; trace medium Sand and Silt. Saturated.	1715	02-24-04	207	SEM-SB-53 (3.5-4.0')	Strong Petroleum-like odor.
6	o	44.0	ML/SM					168	(VOCs-8260)	
7	n							8.9		
8	e							21.0		
9	N				8.0-12.0' Dark Gray-brown fine SAND; trace medium Sand and Silt. Saturated.			8.4		
10	o							2.2		
11	n							2.8		
12	e	46.0	SM		* Bottom of borehole at 12.0 ft-bgs.*	1740	02-24-04	2.6	SEM-SB-53 (11.5-12.0')	
									(VOCs-8260)	

*Note: Bgs. = Below Ground Surface. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

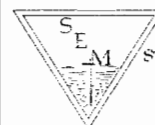
DATE STARTED : 02-25-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-25-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : Calvin K. Prothro;PG, CPG TOTAL DEPTH : 16.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-54

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Dark Brown to dark gray-brown fine SAND and SILT; trace to some fine, angular to sub-round Dolostone Gravel. Moist to dry, loose.			0.7		slight solvent-like odor
1	N	30.0	SM					15.8		
2	o							50.9		
3	n					0838	02-25-04		SEM-SB-54 (3.5-4.0')	
4	e							16.6	(RCRA Metals & VOCs-8260)	
5	N				4.0-8.0' (Top 3.5-inches) Dark Brown to dark gray-brown fine SAND and SILT; trace to some fine, angular to sub-round Dolostone Gravel. Moist to dry, loose. (Next 28.5-inches) Light Brown to brown SILT; some fine Sand. Wet to moist, loose to semi-dense. (Bottom 8.0-inches) Dark Gray-brown to brown-gray fine SAND and SILT. Wet to saturated, loose.	0850	02-25-04	8.8	SEM-SB-54 (5.5-6.0')	
6	o	40.0	SM/ML					6.5	(RCRA Metals & VOCs-8260)	
7	n									
8	e									
9	N				8.0-12.0' Dark Gray-brown to dark brown-gray fine SAND and SILT; some medium Sand. Saturated and loose.			3.8		
10	o							5.1		
11	n					0900	02-25-04	3.2	SEM-SB-54 (10.0-10.5')	
12	e								(VOCs-8260)	
13	N				12.0-16.0' Dark Gray-brown to dark brown-gray fine SAND and SILT; some medium Sand. Saturated and semi-loose.			2.4		
14	o							3.2		
15	n					0915	02-25-04	3.0	SEM-SB-54 (14.0-14.5')	
16	e	40.25	SM		* Bottom of borehole at 16.0 ft-bgs. *				(VOCs-8260)	

*Note: Bgs. = Below Ground Surface. *ND=None Detected
 *Soil classifications are based on visual and manual field observations only.
 *Depths noted are approx.
 *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-24-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-24-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 16.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-55

(Page 1 of 1)

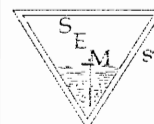
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 8.0-inches of concrete flooring. (Top 14.4-inches) Medium to fine, angular Crushed Limestone Gravel and coarse to fine SAND; little to trace Silt. Moist and unsorted. (Next 9.6-inches) Brown to reddish-brown SILT and fine SAND; some medium to fine angular to sub-rounded Gravel; trace Clay. Wet, unsorted, very slightly plastic. (Next 6.0-inches) Dark Brown SILT; trace organics. Moist and non-plastic. (Bottom 18.0-inches) Reddish Brown SILT; some Clay and medium to fine Sand; little medium to fine Sand and angular to sub-round Gravel. Wet, unsorted, medium plastic.					
1	N							24.3		Strong Petroleum-like odor.
2	o	31.0	GM/ML					35.7		
3	n							197		
4	e					1225	02-24-04		SEM-SB-55 (3.5-4.0') (RCRA Metals)	Strong Petroleum-like odor.
5	N					1240	02-24-04		SEM-SB-55 (4.5-5.0') (VOCs-8260)	
6	o	41.0	ML/SM			1245	02-24-04		SEM-SB-55 (5.0') and SEM-SB-55Y (5.0') (RCRA Metals)	
7	n					1250	02-24-04	36		
8	e							8.4		
9	N							7.3		
10	o							1.6		
11	n	47.0	SM					1.6		
12	e					1310	02-24-04		SEM-SB-55 (10.5-11.0') (VOCs-8260)	
13	N							1.5		
14	o							1.3		
15	n							1.1		
16	e	48.0	SM					0.9		
					* Bottom of borehole at 16.0 ft-bgs.*					
						1315	02-24-04	ND	SEM-SB-55 (15.5-16.0') (VOCs-8260)	

*Note: Bgs. = Below Ground Surface. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-24-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-24-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : H. Nevin Bradford III TOTAL DEPTH : 16.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-56

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Reddish Brown medium to fine SANDY SILT; trace fine Gravel and Clay (in lower 12.0-inches). Moist, unsorted, moderately dense, very slightly plastic (at 3.0-4.0')	1005	02-24-04		SEM-SB-56 (0.75-1.0')	
1	N					1008	02-24-04	ND	SEM-SB-56Y(0.75-1.0')	
2	o	46.0	ML/SM			1000	02-24-04	1.5	SEM-SB-56 (2.0-2.5')	
3	n							ND	(VOCs-8260)	
4	e							0.2		
5	N				4.0-8.0' (Top 6.0-inches) Reddish Brown medium to fine SANDY SILT; trace fine Gravel and Clay. Saturated. (Next 3.6-inches) Wood Fragments. Saturated. (Next 4.8-inches) Medium to fine, angular Crushed Limestone Gravel. Saturated. (Bottom 33.6-inches) Dark Reddish brown fine SAND; little Silt grading into Dark Gray-brown Similar Fine Sand and Silt. Saturated and Well Sorted.	1030	02-24-04	74	SEM-SB-56 (5.2')	
6	o	38.0	ML/SM			1025	02-24-04	29.7	SEM-SB-56 (5.2-5.7')	
7	n							3.8	(VOCs-8260)	
8	e							2.2		
9	N				8.0-12.0' (Top 21.6-inches) Dark Reddish brown fine SAND; little Silt grading into Dark Gray-brown Similar Fine Sand and Silt. Saturated and Well Sorted. (Bottom 26.4-inches) Gray-Brown SILT and fine SAND. Saturated, moderately dense.			0.3		
10	o	47.0	SM/ML					0.2		
11	n					1115	02-24-04	7.2	SEM-SB-56 (11.0')	
12	e							6.5	(VOCs-8260)	
13	N				12.0-16.0' (Top 18.0-inches) Gray-Brown SILT and fine SAND. Saturated, moderately dense. (Bottom 26.4-inches) Dark Gray-brown fine SAND; little Silt. Saturated and well sorted.			1.3		
14	o	48.0	ML/SM					1.2		
15	n									
16	e				* Bottom of borehole at 16.0 ft-bgs.*	1135	02-24-04	0.8	SEM-SB-56 (15.5-16.0')	
									(VOCs-8260)	

*Note: Bgs. = Below Ground Surface. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

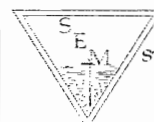
DATE STARTED : 02-09-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-09-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.2 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-57

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 23.5 - inches) Black Asphalt and Limestone / Dolostone GRAVEL Sub-base. (Bottom 13.5-inches) Light Brown to red-brown fine SAND, SILT and CLAY; some fine to coarse, sub-round to sub-angular Dolostone Gravel. Moist, loose to semi-loose.			ND		
1	N									
2	o	37.0	ML/GM							
3	n					0945	02-09-04		SEM-SB-57 (2.9-3.3')	
4	e								(RCRA Metals & VOCs-8260)	
5					4.0-8.0' (Top 20.25-inches) Light Brown to red-brown fine SAND, SILT and CLAY; some fine to coarse, sub-round to sub-angular Dolostone Gravel. Moist, loose to semi-loose.			ND		
6	N									
7	o	28.5	ML/GM		(Bottom 8.25-inches) Dark gray-brown to dark brown gray SILT; trace fine round Dolostone Gravel. Saturated and loose.	1000	02-09-04		SEM-SB-57 (5.5-6.0')	
8	n								(RCRA Metals & VOCs-8260)	
9	e				8.0-12.0' Dark gray-brown to dark brown gray SILT and fine SAND. Saturated, dense to semi-dense.			ND		
10										
11	N		ML			1010	02-09-04		SEM-SB-57 (10.0-10.5')	
12	o								(VOCs-8260)	
13	n				12.0-16.0' (Top 24.5-inches) Dark gray-brown to dark brown gray SILT and fine SAND. Saturated, dense to semi-dense. (Bottom 13.5-inches) Red-brown to brown-red fine SAND and SILT. Wet to saturated, dense.			ND		
14	e									
15		38.0	ML/SM			1030	02-09-04		SEM-SB-57 (14.0-14.5')	
16	N								(VOCs-8260)	
								ND		

* Note: Bgs. = Below Ground Surface. *ND=None Detected *Soil classifications are based on visual and manual field observations only.
 *Depths noted are approx.
 *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-09-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-09-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.2 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-57

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16 o n e		40.25	ML/SM		16.0-20.0' Dark Brown-gray to dark gray brown SILT and fine SAND; trace medium sand and fine, sub-round Dolostone Gravel. Saturated, loose to semi-dense.	1050	02-09-04	ND	SEM-SB-57 (18.0-18.5') (VOCs-8260)	
17 o n e										
18 o n e										
19 o n e										
20 o n e		43.0	ML/SM		20.0-24.0' Dark Brown-gray to dark gray brown SILT and fine SAND; trace medium sand and fine, sub-round Dolostone Gravel. Saturated, loose to very loose.	1125	02-09-04	ND	SEM-SB-57 (22.0-22.5') (VOCs-8260)	
21 o n e										
22 o n e										
23 o n e										
24 o n e										
25 o n e										
26 o n e		32.0	ML/SM		24.0-28.0' (Top 4.0-inches) Dark Brown-gray to dark gray brown SILT and fine SAND; trace medium sand and fine, sub-round Dolostone Gravel. Saturated, loose to very loose. (Next 17.5-inches) Red-brown to Brown-red fine SAND, SILT and fine to medium, round to sub-round Dolostone Gravel. Moist to dry, dense to very dense. (Bottom 10.5-inches) Red-brown to dark Red fine SAND and SILT. Moist to wet, loose.	1150	02-09-04	ND	SEM-SB-57 (26.0-26.5') (VOCs-8260)	
27 o n e										
28 o n e										
29 o n e										
30 o n e		45.0	ML/SC		28.0-31.2' (Top 21.0-inches) Red-brown to dark Red fine SAND and SILT interbedded with 4.5-inch thick layers of very dense, dry to moist CLAY. (Bottom 24.0-inches) Red-brown to dark Red fine SAND and SILT. Moist to wet, very dense.	1225	02-09-04	ND	SEM-SB-57 (30.0-30.5') (VOCs-8260)	
31 o n e										
32					* Refusal at 31.2 ft-bgs. * * Bottom of borehole at 31.2 ft-bgs. *					

* Note: Bgs. = Below Ground Surface. *ND=None Detected *Soil classifications are based on visual and manual field observations only.
 *Depths noted are approx.
 *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



(Page 1 of 2)

DATE STARTED	: 02-09-04	DRILLING METHOD	: Direct Push
DATE COMPLETED	: 02-11-04	RIG TYPE	: Geoprobe 5400
GEOLOGIST	: C.K Prothro, PG; CPG	TOTAL DEPTH	: 31.9 ft bgs.
DRILLING COMPANY	: Strategic Environmental	GW DEPTH	: Approx 5.5 ft bgs.
NAME OF DRILLER	: Chris Bradford	SAMPLING METHOD	: Marco-Core Liners

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	RECOVERY (inches)
0	N				0.0-4.0' Dark Gray to dark gray-green fine to coarse SAND, Asphalt and Gravel Sub-base. Moist and Loose.	1425	02-09-04	ND	SEM-SB-58 (1.5-2.0') (RCRA Metals & VOCs-8260)	26.0
1	n	26.0	SM/GM							
2	e									
3										
4	N				4.0-8.0' (Top 5.5-inches) Dark Gray to dark gray-green fine to coarse SAND, Asphalt and Gravel Sub-base. Moist and Loose.	1435	02-09-04	ND	SEM-SB-58 (5.5-6.0') (RCRA Metals & VOCs-8260)	14.0
5	n	14.0	GM/ML		(Next 3.75-inches) Red-brown to brown-red fine SAND and SILT; trace fine to sub-round Dolostone Gravel. Wet to saturated, loose to very loose. (Bottom 8.5-inches) Dark brown-gray to dark gray-brown silt and fine SAND; trace fine to medium, sub-round Dolostone Gravel. Wet to saturated, loose to dense.					
6	e									
7										
8	N									
9	n				8.0-12.0' Sample Lost (liner stuck in Marco-core barrel).					
10	e									
11										
12	N				12.0-16.0' (Top 35.25-inches) Dark Brown to dark red-brown fine SAND and SILT. Wet to saturated, loose to semi-dense. (Bottom 10.25-inches) Brown to red-brown fine SAND; some Silt; trace fine, round to sub-round Dolostone Gravel. Wet to saturated, loose to semi-dense.	1600	02-09-04	ND	SEM-SB-58 (14.0-14.5') (VOCs-8260)	45.50
13	n	45.50	SM/ML							
14	e									
15										
16	N		SM					ND		

*Note: Bgs. = Below Ground Surface. *ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-09-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-11-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.9 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-58

(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	RECOVERY (inches)
16	N				16.0-20.0' (Top 11.0-inches) Brown to red-brown fine SAND; some Silt; trace fine, round to sub-round Dolostone Gravel. Wet to saturated, loose to semi-dense.			ND		
17	o									
18	n	46.0	SM		(Bottom 35.0-inches) Dark Brown to dark red-brown fine SAND and SILT. Wet to saturated, loose to dense.	1625	02-09-04		SEM-SB-58 (18.0-18.5') (VOCs-8260)	46.0
19	e									
20	N				20.0-24.0' Dark brown to dark red-brown fine SAND and SILT; trace medium Sand. Wet to saturated, loose to semi-dense.			ND		
21	o									
22	n	41.25	SM/ML			1015	02-11-04		SEM-SB-58 (22.0-22.5') (VOCs-8260)	41.25
23	e									
24	N				24.0-28.0' (Top 10.5-inches) Dark brown to dark red-brown fine SAND and SILT; trace medium Sand. Wet to saturated, loose to semi-dense.			ND		
25	o				(Next 27.0-inches) Dark Brown medium SAND; trace fine and Coarse Sand and Silt. Saturated and loose.					
26	n	44.75	SM/ML		(Bottom 7.50-inches) Dark Brown to dark Red-brown SILT and fine SAND. Saturated, loose to semi-dense.	1040	02-11-04		SEM-SB-58 (26.0-26.5') (VOCs-8260)	44.75
27	e									
28	N				28.0-31.9' Dark red-brown to dark brown-red fine to medium SAND and SILT interbedded with dark brown-red to dark red-brown CLAY (Clay lens approx. 1.8 to 2.3 inches thick approx. 3.0 to 6.0 inches apart). Wet, loose to dense, firm to very firm.			ND		
29	o									
30	n	45.0	SM/SC			1115	02-11-04		SEM-SB-(30.0-30.5') (VOCs-8260)	45.0
31	e									
32					* Refusal at 31.9 ft-bgs. * * Bottom of borehole at 31.9 ft-bgs. *					

*Note: Bgs. = Below Ground Surface. *ND=None Detected. *Soil classifications are based on visual and manual field observations only.
 *Depths noted are approx.
 *PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-11-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-11-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.2 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-59

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' Note: 6.5-inches of concrete flooring. (Top 14.25-inches) Black to light Brown GRAVEL and Asphalt with sub-base. Dry and loose. (Next 14.0-inches) Red-Brown to brown-red fine SAND and SILT; some medium to coarse, sub-angular to angular Limestone and Dolostone Gravel. Dry and Loose. (Bottom 9.75-inches) Red-brown to green brown fine SAND and SILT; some medium, sub-angular to angular Dolostone Gravel. Wet to saturated, loose.	1450	02-11-04	ND	SEM-SB-59 (2.0-2.5') (RCRA Metals & VOCs-8260)	
1	N									
2	o	38.0	GM/SM							
3	e									
4	N									
5	o									
6	e	37.5	SM/GM		4.0-8.0' (Top 13.25-inches) Red-brown to green brown fine SAND and SILT; some medium, sub-angular to angular Dolostone Gravel. Wet to saturated, loose. (Next 10.5-inches) Dark red to dark red-brown fine to medium SAND; some coarse SAND and sub-angular to sub-round, fine to medium Dolostone Gravel. Wet to saturated, loose. (Bottom 13.75-inches) Dark Gray-red to dark brown-red SILT; trace fine Sand. Saturated, loose to semi-dense.	1515	02-11-04	ND	SEM-SB-59 (5.5-6.0') (RCRA Metals & VOCs-8260)	
7										
8	N									
9	o									
10	e	45.75	SM/GM		8.0-12.0' (Top 8.0-inches) Dark red medium SAND; some fine, sub-round Dolostone Gravel. Saturated, loose to semi-dense. (Bottom 37.75-inches) Dark Gary-red to red-brown SILT; some to trace fine Sand, Saturated, loose to semi-dense.	1540	02-11-04	ND	SEM-SB-59 (10.0-10.5') (VOCs-8260)	
11										
12	N									
13	o									
14	e	44.0	ML		12.0-16.0' Dark Brown to dark red-brown SILT and fine SAND. Wet to saturated, loose to semi-dense.	1550	02-11-04	ND	SEM-SB-59 (14.0-14.5') (VOCs-8260)	
15										
16	N									
17	o		SM					ND		
17	n									

*Note: Bgs. = Below Ground Surface. *ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-11-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-11-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 31.2 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-59

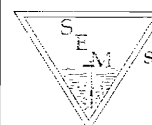
(Page 2 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
18		45.5	SM		16.0-20.0' (Top 13.0-inches) Dark red to dark red-brown fine to medium SAND; trace fine, round to sub-angular Dolostone Gravel. (Next 20.0-inches) Dark Brown to Dark Gray-brown SILT; some to trace fine SAND. Wet to saturated	1610	02-11-04		SEM-SB-59 (18.0-18.5') (VOCs-8260)	
19					(Next 8.5-inches) Dark Brown to dark gray-brown medium SAND; some fine Sand and Silt. Wet and loose. (Bottom 4.0-inches) Dark red to dark red-brown SILT; trace fine Sand. Wet to saturated, loose to semi-loose.			ND		
20			ML/SM							
21		39.75				1635	02-11-04		SEM-SB-59 (22.0-22.5') (VOCs-8260)	
22										
23					20.0-24.0' Dark red to dark red-brown SILT and thin (less than 1.0-inch thick) layers of medium SAND; trace fine Sand. Wet to saturated, loose to semi-loose.			ND		
24			ML/SC							
25										
26		37.0			24.0-28.0' (Top 29.5-inches) Dark red to dark red-brown SILT and thin (less than 1.0-inch thick) layers of medium SAND; trace fine Sand. Wet to saturated, loose to semi-loose. (Bottom 7.5-inches) Dark Red-brown to dark Brown-red SILT and CLAY (interbedded). Moist to wet, very dense to very firm.	1650	02-11-04		SEM-SB-59 (26.0-26.5') (VOCs-8260)	
27										
28			SC/SM					ND		
29					28.0-31.2' (Top 11.5-inches) Dark Red-brown to dark Brown-red SILT and CLAY (interbedded). Moist to wet, very dense to very firm. (Bottom 32.75-inches) Dark red-brown to dark brown-red fine to medium SAND and SILT interbedded with dark red-brown to dark red-brown CLAY					
30		44.2			(Clay lens approx. 0.5 to 1.3 inches thick); trace to some fine to medium, angular to sub-angular Dolostone (trace Sandstone) Gravel. (Glacial Till) Wet, loose to very loose.	1710	02-11-04		SEM-SB-59 (30.0-30.5') (VOCs-8260)	
31										
32										
33										
34										
35										

*Note: Bgs. = Below Ground Surface. *ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
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C:\MTECH\JAMIES-1\NEWNES-1\SB-59.BOR

09-24-2004

DATE STARTED	: 02-23-04	DRILLING METHOD	: Direct Push
DATE COMPLETED	: 02-23-04	RIG TYPE	: Geoprobe 5400
GEOLOGIST	: C.K Prothro, PG; CPG	TOTAL DEPTH	: 12.0 ft bgs.
DRILLING COMPANY	: Strategic Environmental	GW DEPTH	: Approx 5.5 ft bgs.
NAME OF DRILLER	: Chris Bradford	SAMPLING METHOD	: Marco-Core Liners

09-13-2004 C:\MTECH5\JAMIES~1\NEWNES~1\SB-60.BOR

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-23-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-23-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 12.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-61

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 4.25-inches) Crushed Limestone Balus.					
1	N				(Next 23.25-inches) Gray-Brown fine to coarse SAND, fine to coarse, sub-round to angular Dolostone and Sandstone Gravels. Moist to wet, loose. (Bottom 15.0-inches)			5.3		
2	e	42.5	GM/SM		Red-Brown to brown-red SILT, fine to medium SAND and sub-angular to sub-round assorted Gravels; trace to some Organic Material. Moist to wet, semi-dense, some mottling.	1500	02-23-04	8.0	SEM-SB-61 (2.0-2.5')	
3									(RCRA Metals & VOCs-8260)	
4	N				4.0-8.0' (Top 30.0-inches)			5.8		
5	o				Red-brown to brown-red medium SAND and fine to medium, sub-round to sub-angular assorted Gravels; some angular assorted Gravels; some to trace fine Sand, Silt and Clay. Wet to saturated, dense. (Bottom 5.25-inches) Dark gray medium SAND; some to trace fine Sand and Silt. Saturated and loose.	1505	02-23-04	5.3	SEM-SB-61 (5.5-6.0')	
6	n	35.25	GM/SM						(RCRA Metals & VOCs-8260)	
7	e									
8	N				8.0-12.0' Dark Gray to dark gray-brown medium SAND; some fine Sand and Silt. Saturated and loose.			4.4		
9	o							4.1		
10	n	44.0	SM			1510	02-23-04	3.1	SEM-SB-61 (10.0-10.5')	
11	e								(VOCs-8260)	
12					* Bottom of borehole at 12.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface. *ND=None Detected.

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-23-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-23-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 12.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-62

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 24.0-inches) Crushed Limestone GRAVEL and BALUS; some Organic Material (plant Roots, etc.), fine SAND and SILT. Dry and dense.					
1	N				(Bottom 3.75-inches) Dark brown to dark brown-red fine SAND and SILT; trace fine to medium, sub-angular Dolostone Gravel. Moist to wet, dense to semi-dense.					
2	e	27.25	GM/SM			1515	02-23-04	3.8	SEM-SB-62 (2.0-2.5')	
3									(RCRA Metals & VOCs-8260)	
4	N				4.0-8.0' (Top 23.0-inches) Dark brown to dark brown-red fine SAND and SILT; trace fine to medium, sub-angular Dolostone Gravel. Moist to wet, dense to semi-dense.			2.7		
5	o				(Bottom 17.5-inches) Dark Gray-brown to dark red-gray fine SAND; some medium Sand and Silt. Wet to saturated, loose to semi-loose.					
6	n	40.5	SM			1520	02-23-04	44.4	SEM-SB-62 (5.5-6.5')	
7	e							5.5	(RCRA Metals & VOCs-8260)	
8	N				8.0-12.0' Dark Gray-brown to dark red-gray fine SAND; some medium Sand and Silt. saturated, loose to semi-loose.			4.9		
9	o							4.6		
10	n	47.75	SM			1530	02-23-04		SEM-SB-62 (10.0-10.5')	
11	e								(VOCs-8260)	
12					* Bottom of borehole at 12.0 ft-bgs.*			4.4		

*Note: Bgs. = Below Ground Surface. *ND=None Detected

*Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-23-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-23-04 RIG TYPE : Geoprobe 5400
 GEOLOGIST : C.K Prothro, PG; CPG TOTAL DEPTH : 12.0 ft bgs.
 DRILLING COMPANY : Strategic Environmental GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Chris Bradford SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-63

(Page 1 of 1)

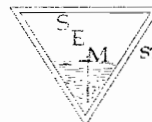
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 10.0-inches) Crushed Limestone GRAVEL and BALUS; some Organic Material (plant Roots, etc.), fine SAND and SILT. Dry to moist, semi-dense to semi-loose. (Bottom 12.0-inches) Dark green-gray to dark brown -gray fine SAND, SILT Urban Fill Material (Ash, Cinders, etc.) and fine to medium, sub-angular to sub-round assorted Gravel; trace Gravels. Moist to wet, dense to semi-dense assorted Gravel.					
1	N							3.5		
2	o	36.75	GM/FL					7.4		
3	n					1630	02-23-04	5.2	SEM-SB-63 (3.0-3.5')	
4	e				(Bottom 14.75-inches) Dark Red-brown to brown red fine to medium SAND; some Silt. Wet to saturated, loose to semi-dense.			5.5	(RCRA Metals & VOCs-8260)	
5	N				4.0-8.0' Dark Red-brown to brown red fine to medium SAND; some Silt and fine to medium, sub-round to sub-angular assorted Gravels. Wet to saturated, semi-dense. Some Mottling.			6.1		
6	o					1640	02-23-04	6.0	SEM-SB-63 (5.5-6.0')	
7	n	44.0	SM/GM						(RCRA Metals & VOCs-8260)	
8	e									
9	N				8.0-12.0' (Top 3.25-inches) Dark Red-brown to brown red fine to medium SAND; some Silt and fine to medium, sub-round to sub-angular assorted Gravels. Wet to saturated, semi-dense. Some Mottling.			5.1		
10	o				(Bottom 40.5-inches) Dark Gray-brown to light brown fine to medium SAND; some Silt. Wet to saturated, semi-loose.			4.4	SEM-SB-63 (10.0-10.5')	
11	n	43.75	SM			1645	02-23-04		(VOCs-8260)	
12	e							4.4		
					* Bottom of borehole at 12.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface. *FL = Urban Fill Material.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-25-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-25-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : Calvin K. Prothro; PG, CPG TOTAL DEPTH : 16.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-64

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 3.0-inches) Green-gray to brown-green SILT, fine SAND and URBAN FILL MATERIAL (Concrete, etc.). Dry to moist.	0930	02-25-04		SEM-SB-64 (0.0-0.5)	
1	N				(Bottom 25.5-inches) Green-brown to light brown-gray SILT, fine SAND; some to trace fine to coarse, angular to round assorted Gravels. Dry to moist, some green-blue mottling present.			>9999	(RCRA Metals & VOCs-8260)	
2	o	28.5	FL/ML					>9999		
3	n							>9999		
4	e							>9999		
5	N				4.0-8.0' (Top 4.0-inches) Green-brown to light brown-gray SILT, fine SAND; some to trace fine to coarse, angular to round assorted Gravels. Dry to moist, some green-blue mottling present.	0945	02-25-04		SEM-SB-64 (5.5-6.0')	
6	o	43.0	ML/SM		(Next 26.5-inches) fine to medium SAND and SILT; some fine sub-round to sub-angular assorted Gravels. Wet to saturated, very loose trace green-blue mottling present.			154	(RCRA Metals & VOCs-8260)	
7	n				(Bottom 12.5-inches) Dark Gray-brown to dark brown-gray fine SAND and SILT; some medium Sand. Saturated and loose.			8.3		
8	e							18.9		
9	N				8.0-12.0' Dark Gray-brown to dark brown-gray fine SAND and SILT; some medium Sand. Saturated and loose.			21.3		
10	o	42.5	SM			0955	02-25-04	16.1	SEM-SB-64 (10.0-11.5')	
11	n								(VOCs-8260)	
12	e							18.9		
13	N				12.0-16.0' Dark Gray-brown to dark brown-gray fine SAND and SILT; some medium Sand. Saturated and semi-loose to semi-dense.			18.3		
14	o	45.75	SM			1010	02-25-04	4.8	SEM-SB-64 (14.0-14.5')	
15	n								(VOCs-8260)	
16	e				* Bottom of borehole at 16.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface. *FL = Urban Fill Material.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-25-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-25-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : Calvin K. Prothro, PG, CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-65

(Page 1 of 2)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 5.25-inches) Crushed Limestone GRAVEL, fine SAND and SILT; some fine to medium, round to angular assorted Gravels. Moist to dry, very loose. (Next 21.0-inches) Black to dark gray-brown SILT and fine SAND; some to trace fine to medium, round to angular assorted Gravels. Moist, semi-dense and trace yellow mottling. (Bottom 7.75-inches) Dark yellow-brown to light brown SILT; some to trace fine Sand. Moist, semi-dense, some green, yellow and blue mottling present.					
1	N							130		
2	o	34.0	GM/ML			1115	02-25-04	530	SEM-SB-65 (2.0-2.5')	
3	n							205	(RCRA Metals & VOCs-8260)	
4	e							522		
5	N							5.6		
6	o	40.0	ML/GM		4.0-8.0' (Top 5.5-inches) Dark yellow-brown to light brown SILT; some to trace fine Sand. Moist to wet, semi-loose, some green, yellow and blue mottling present. (Next 15.25-inches) Red-brown brown-red SILT, fine to medium SAND and fine to medium, sub-round to sub-angular assorted GRAVELS. Wet to saturated, loose. (Bottom 19.25-inches) Dark Brown-gray to dark gray-brown SILT; some fine Sand. Saturated, loose to semi-dense.	1130	02-25-04	ND	SEM-SB-65 (5.5-6.0')	
7	n							ND	(RCRA Metals & VOCs-8260)	
8	e							2.1		
9	N							8.5		
10	o	45.75	ML					59.2		
11	n									
12	e					1145	02-25-04	1.0	SEM-SB-65 (11.5-12.0')	
13	N				12.0-16.0' Dark Gray-brown to dark brown-gray SILT and fine SAND; trace medium Sand. Saturated, loose to semi-dense.			15.2	(VOCs-8260)	
14	o									
15	n	43.0	ML/SM			1205	02-25-04	15.7	SEM-SB-65 (14.0-14.5')	
16	e								(VOCs-8260)	
	N		ML/SM					1.3		

*Note: Bgs. = Below Ground Surface.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
 MANAGEMENT, INC.

PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-25-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-25-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : Calvin K. Prothro; PG, CPG TOTAL DEPTH : 32.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-65

(Page 2 of 2)

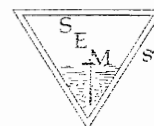
Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
16	N				16.0-20.0' (Top 29.25-inches) Dark Gray-brown to dark brown-gray SILT and fine SAND; trace medium Sand. Wet to saturated, semi-loose.			1.3		
17	o				(Bottom 15.5-inches) Dark Red-brown to dark brown-red SILT; some fine Sand. Wet to saturated, dense to semi-dense.			4.4		
18	e	44.75	ML/SM			1225	02-25-04	1.7	SEM-SB-65 (18.0-18.5') (VOCs-8260)	
19										
20	N				20.0-24.0' Dark Red-brown to dark brown-red SILT; some thin layers (0.5 to 1.25-inches thick) of fine to medium Sand. Saturated, loose to semi-dense.			0.7		
21	o							0.7		
22	e	31.5	ML/SM			1300	02-25-04	0.5	SEM-SB-65 (22.0-22.5') (VOCs-8260)	
23										
24	N				24.0-28.0' Dark Red-brown to dark brown-red SILT; some thin layers (0.5 to 1.25-inches thick) of fine to medium Sand. Saturated, loose to semi-dense.			0.3		
25	o							0.8		
26	e	40.25	ML/SM			1330	02-25-04	0.7	SEM-SB-65 (26.0-26.5') (VOCs-8260)	
27										
28	N				28.0-32.0' Dark Red-brown to dark brown-red SILT; some fine Sand and Clay; trace fine to medium Sand and fine to medium, sub-round to sub-angular assorted Gravels. (Glacial Till) Moist to wet, dense to very dense.			1.1		
29	o							1.1		
30	e	48.0	ML/SC			1350	02-25-04	0.3	SEM-SB-65 (30.0-30.5') (VOCs-8260)	
31										
32					* Bottom of borehole at 32.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface.

*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



STRATEGIC
 ENVIRONMENTAL
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PROJECT: Former Northeast Environmental Services Site
 NYSDEC Spill #: 01-60024 / PIN#: H-0529
 SEM PROJECT NO.: 3003.050.02.04
 LOCATION: 4123 Canal St. Canastota, NY

DATE STARTED : 02-25-04 DRILLING METHOD : Direct Push
 DATE COMPLETED : 02-25-04 RIG TYPE : Geoprobe 54DT
 GEOLOGIST : Calvin K. Prothro;PG, CPG TOTAL DEPTH : 16.0 ft bgs.
 DRILLING COMPANY : Todd J. Syska, inc. GW DEPTH : Approx 5.5 ft bgs.
 NAME OF DRILLER : Todd J. Syska SAMPLING METHOD : Marco-Core Liners

BORING LOG: SEM-SB-66

(Page 1 of 1)

Depth in (feet)	Blow Count	RECOVERY (inches)	USCS	GRAPHIC	DESCRIPTION	TIME	DATE	PID (ppm)	Sample I.D.	COMMENTS
0					0.0-4.0' (Top 10.0-inches) Crushed Limestone GRAVEL, red-brown to brown-red fine SAND, SILT and URBAN FILL MATERIAL (Concrete, etc.); some fine to medium, angular to sub-round assorted Gravel. Dry to moist, very loose, some green and yellow mottling. (Next 11.5-inches) Dark Gray-brown to black SILT and fine SAND; some to trace fine to medium, round to sub-angular assorted Gravels. Dry to moist, semi-loose to semi-dense, trace yellow and green mottling present. (Bottom 17.25-inches) Dark Brown to dark red-brown SILT; some fine Sand. Moist, loose to semi-loose, green mottling present.					
1	N							0.4		
2	o	38.75	FL/ML			1545	02-25-04	8.6	SEM-SB-66 (2.0-2.5')	
3	e							2.4	(RCRA Metals & VOCs-8260)	
4	N							2.2		
5	o							2.5		
6	e	41.0	ML/SM			1605	02-25-04	2.1	SEM-SB-66 (5.5-6.0')	
7									(RCRA Metals & VOCs-8260)	
8	N							1.7		
9	o							1.9		
10	e	46.25	ML/SM			1620	02-25-04	1.7	SEM-SB-66 (10.0-10.5')	
11									(VOCs-8260)	
12	N							1.9		
13	o							1.8		
14	e	47.25	ML			1635	02-25-04	1.2	SEM-SB-66 (14.0-14.5')	
15									(VOCs-8260)	
16					* Bottom of borehole at 16.0 ft-bgs.*					

*Note: Bgs. = Below Ground Surface. *FL = Urban Fill Material.

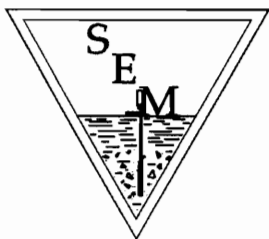
*ND=None Detected. *Soil classifications are based on visual and manual field observations only.

*Depths noted are approx.

*PID screening performed by headspace analysis methods with MiniRae Model 2000 with 10.6 eV lamp, calibrated to 100 ppm isobutylene/air.



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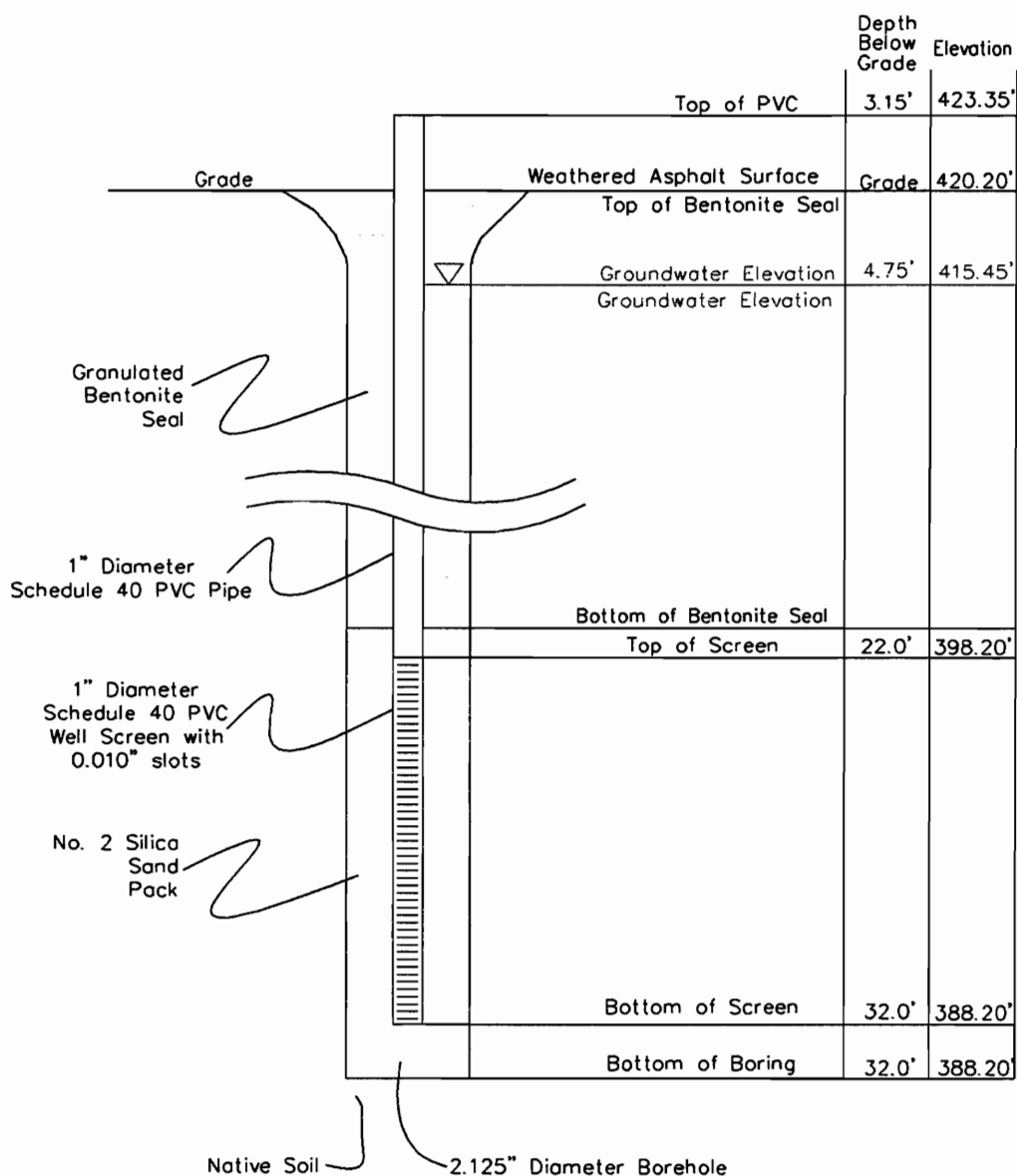
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

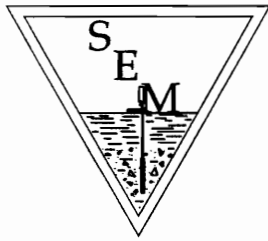
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 23, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-40AD



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

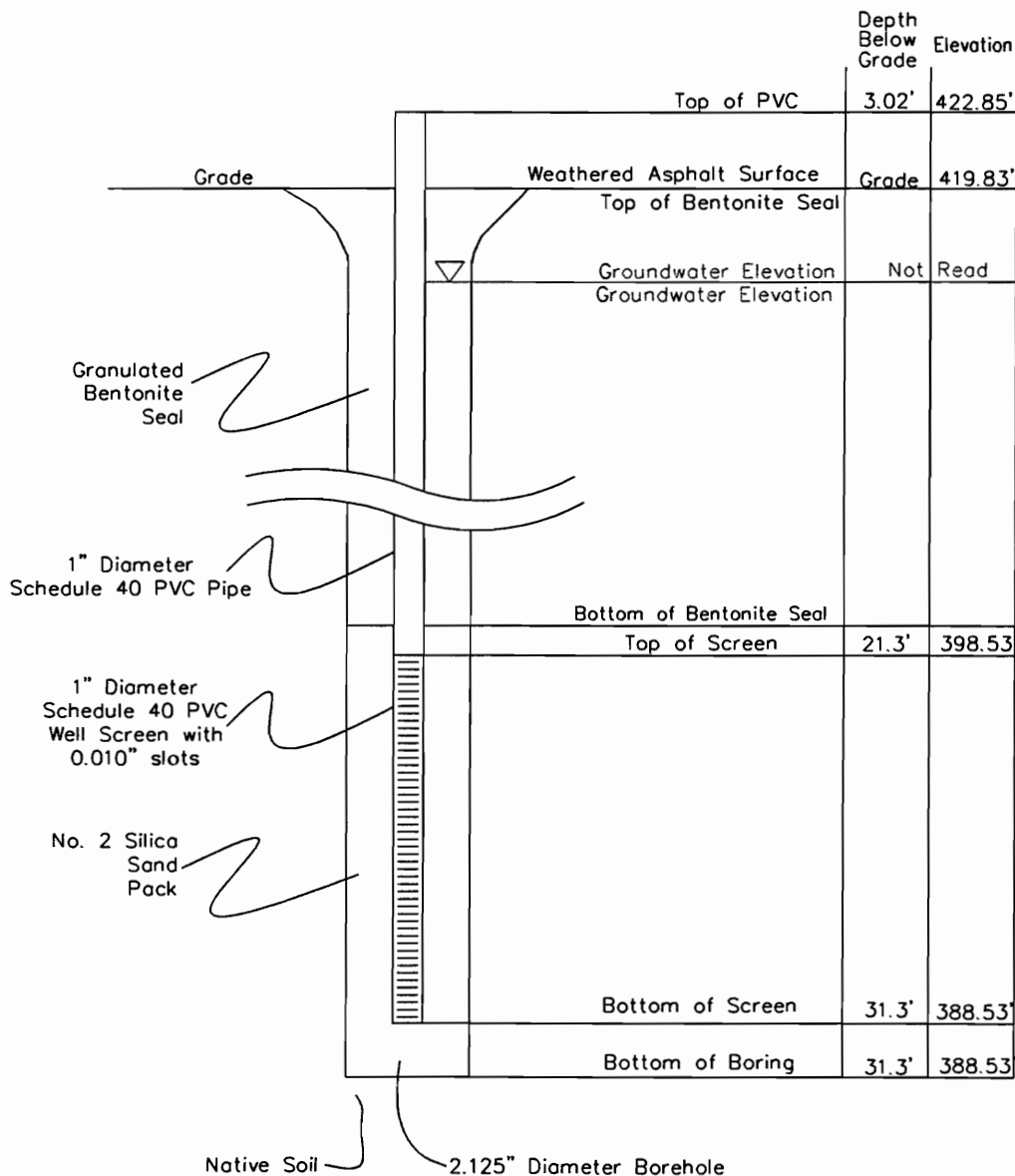
3 Remington Ave., Suite D, Canton, New York 13617
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2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

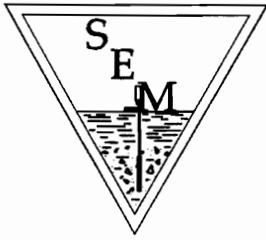
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 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 20, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-40D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPC



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

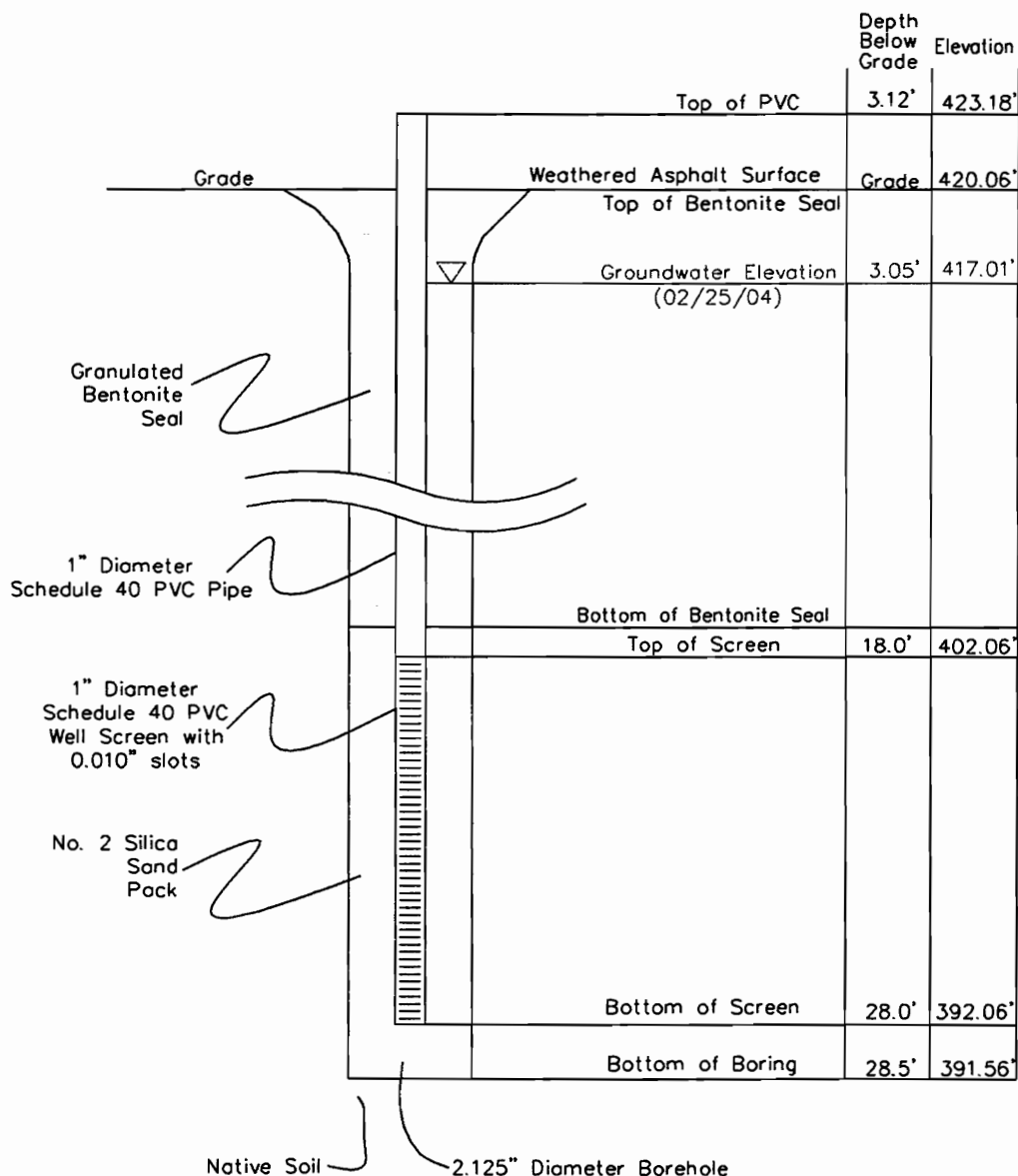
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Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

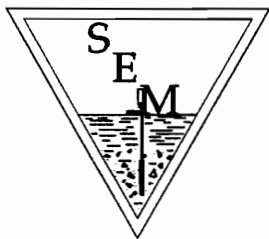
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NYSDEC Spill No.: 01-60024; Pin No. H-0529
Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
Install Date: February 20, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-41D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

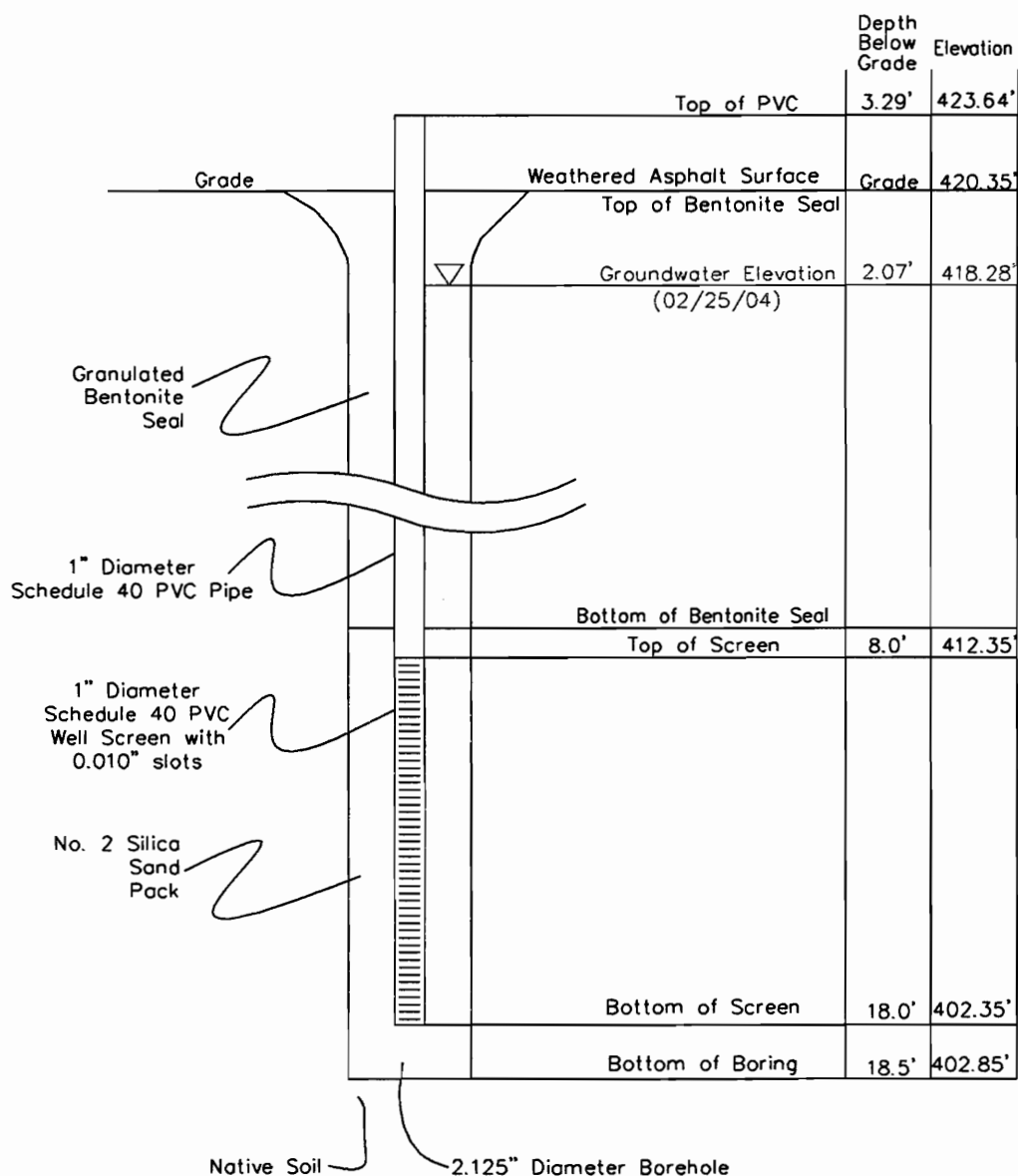
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2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

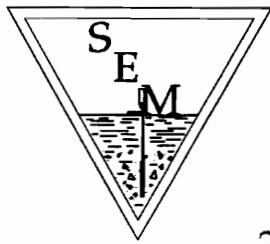
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NYSDEC Spill No.: 01-60024; Pin No. H-0529
Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
Install Date: February 20, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-42S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

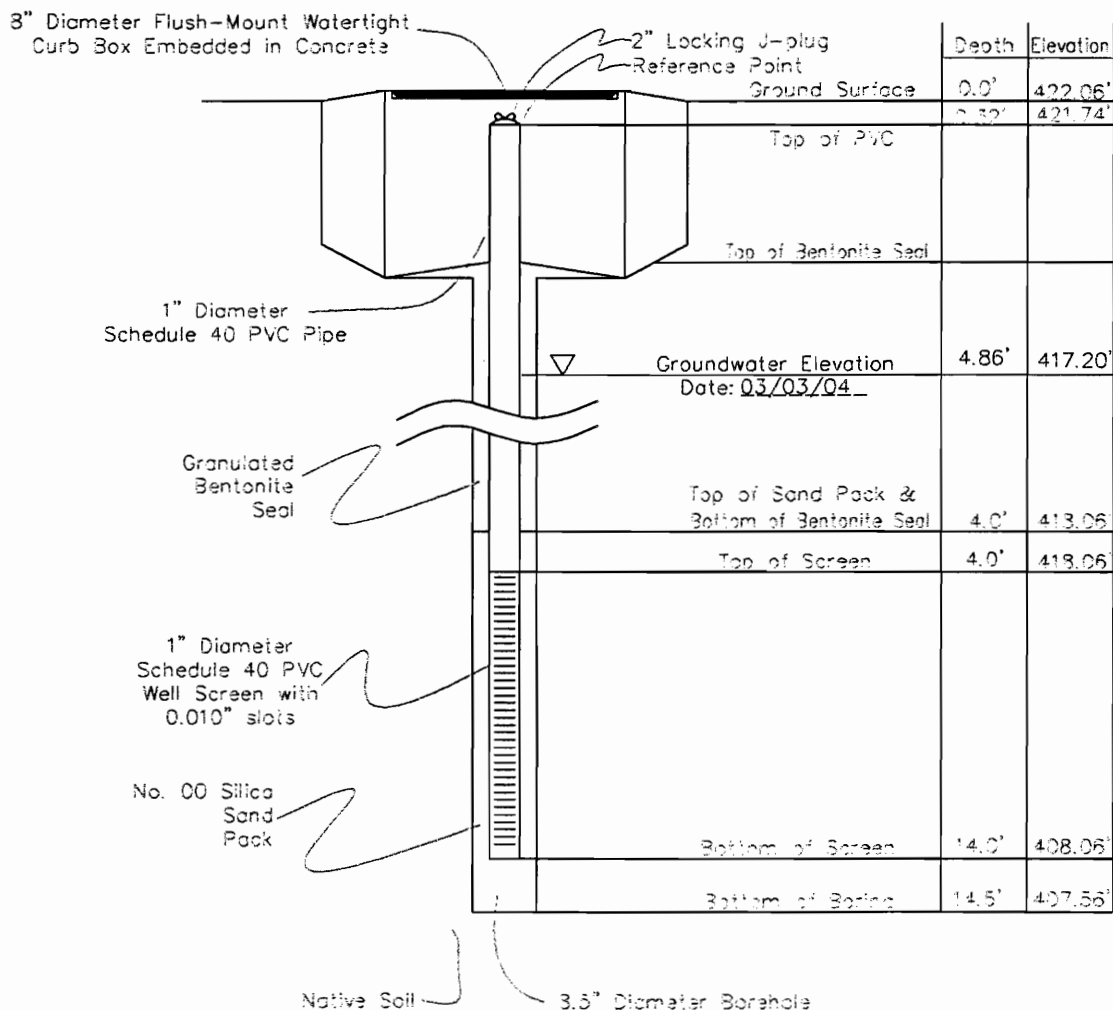
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

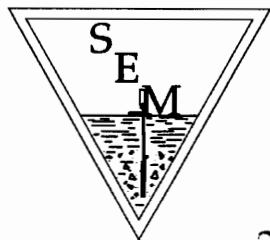
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 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 20, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-43S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, P.G., J.G.



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

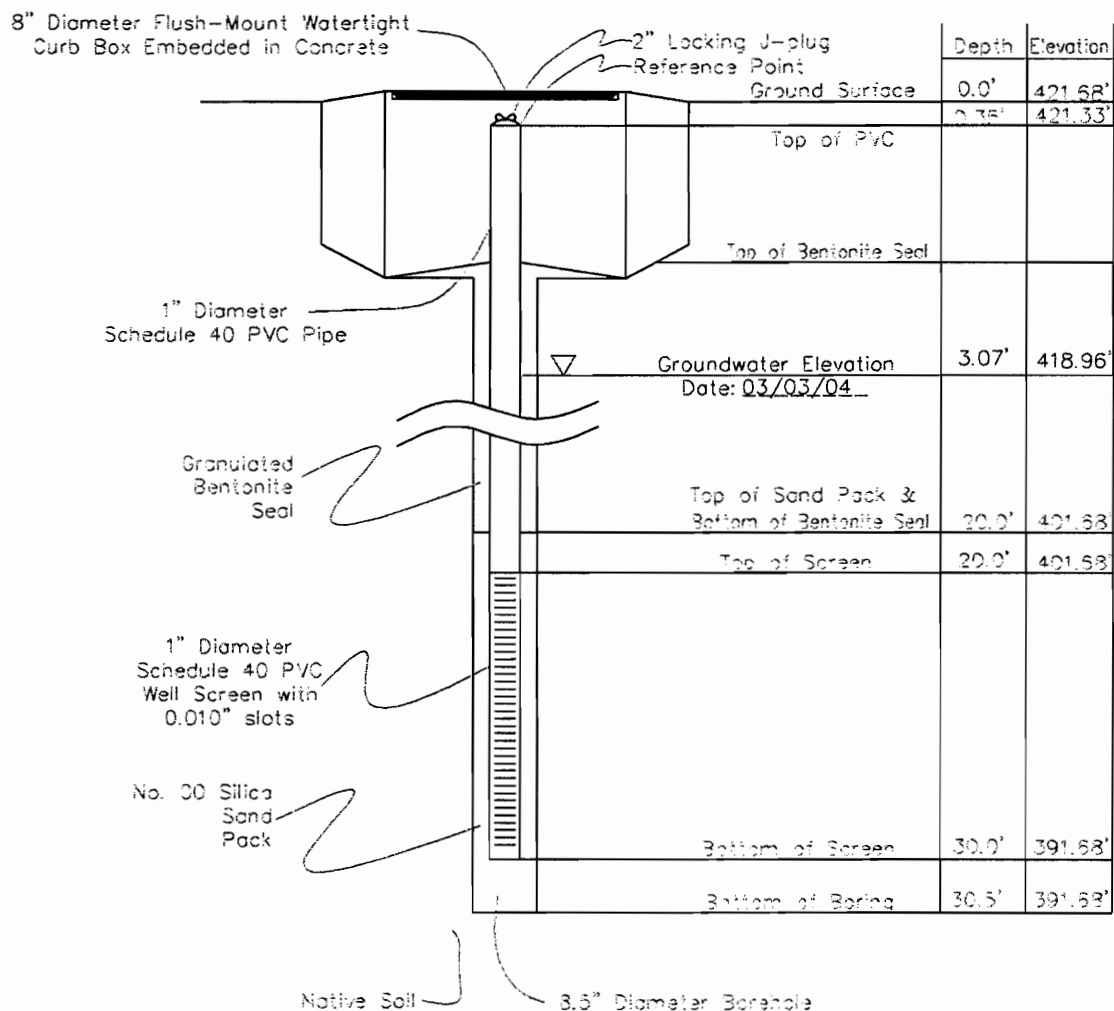
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

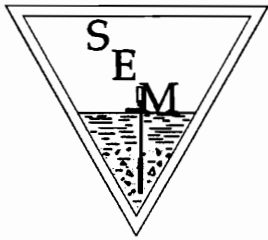
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NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 20, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-44D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, P.G., CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

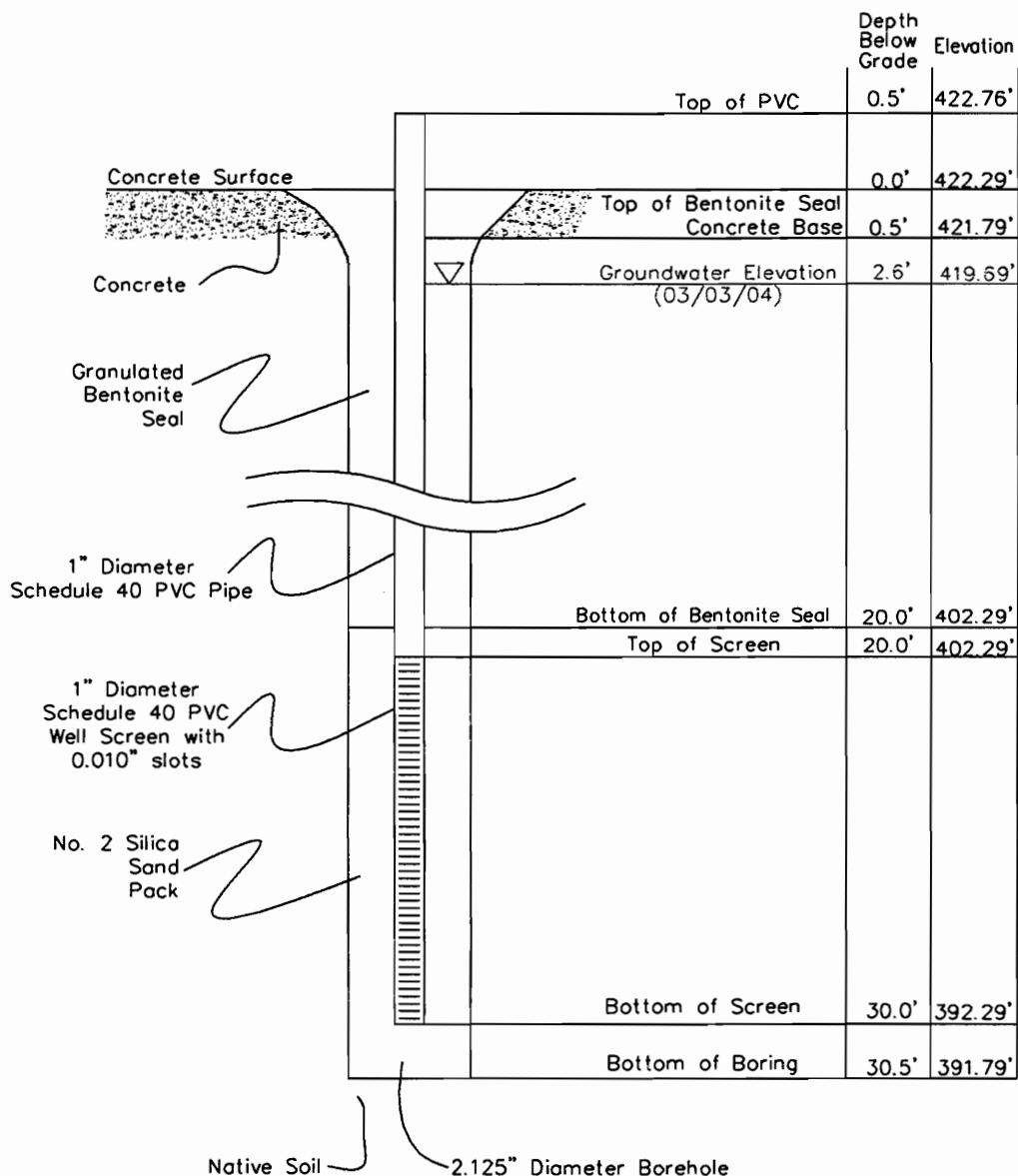
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Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

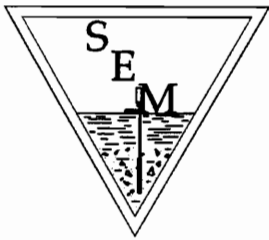
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NYSDEC Spill No.: 01-60024; Pin No. H-0529
Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
Install Date: February 19, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-45D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

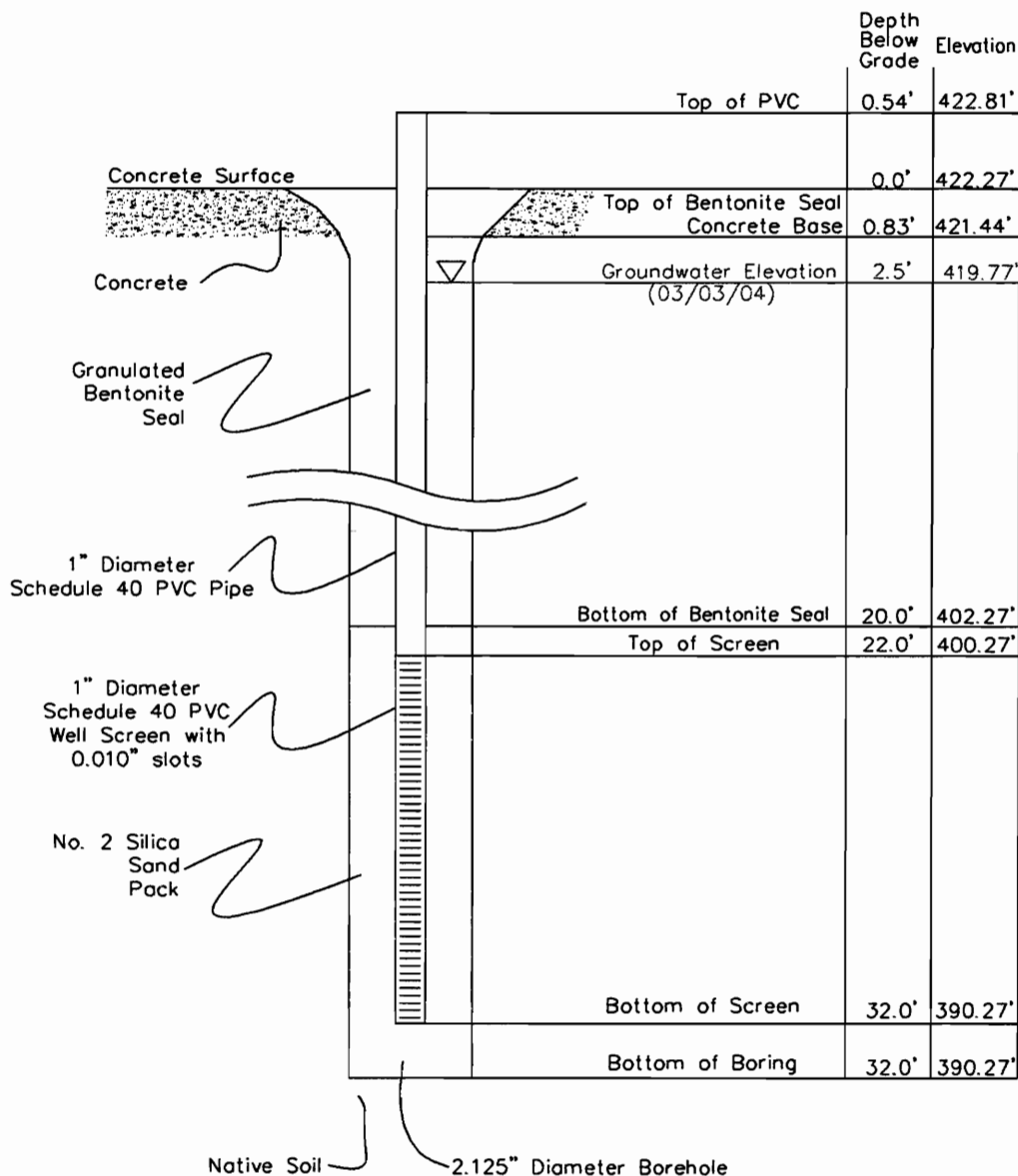
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Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

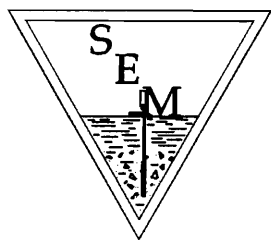
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 17, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-46D



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

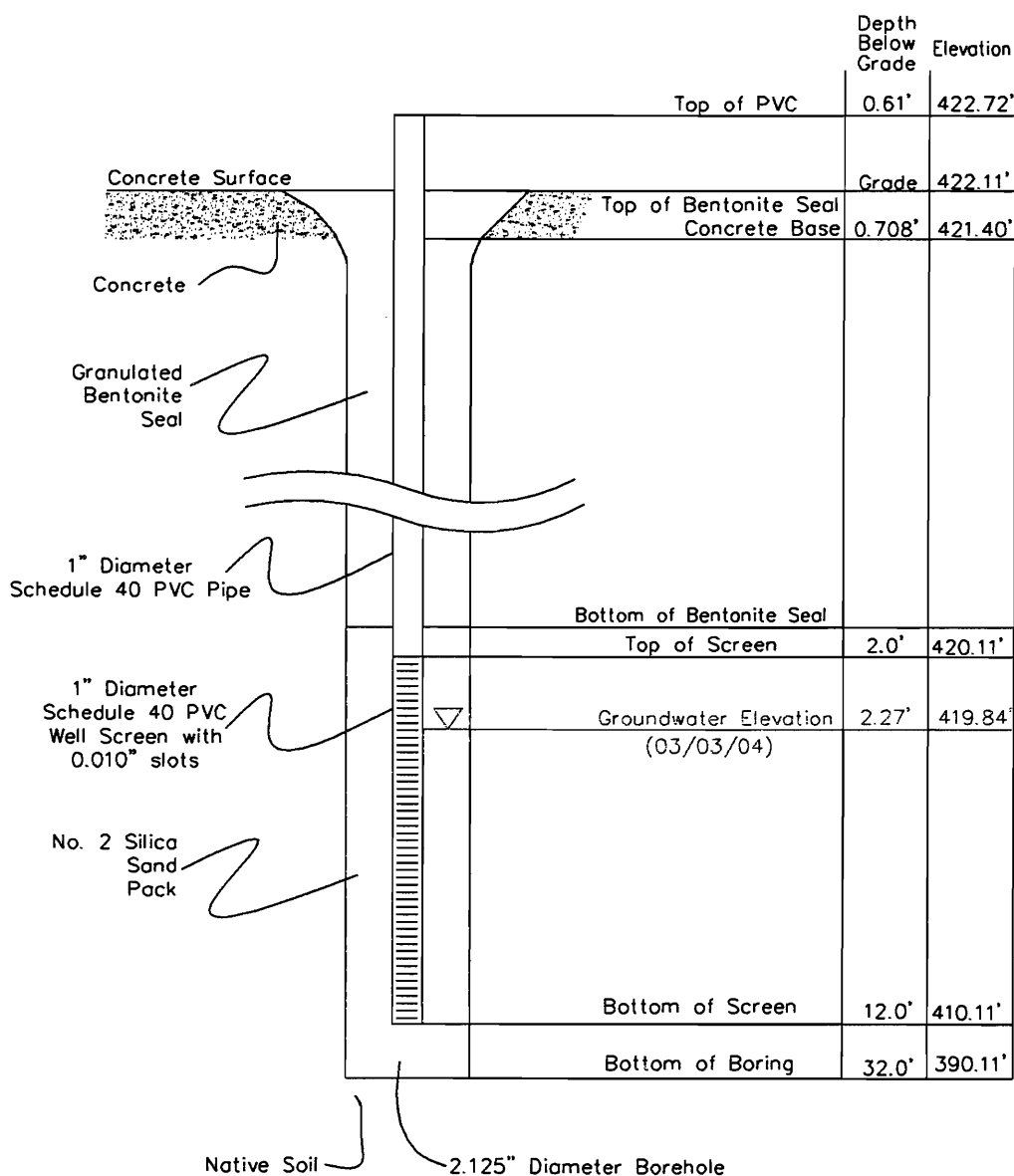
3 Remington Ave., Suite D, Canton, New York 13617
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2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

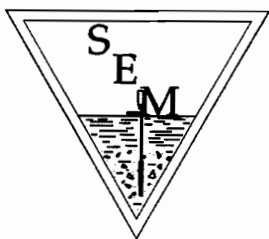
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 18, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-47D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

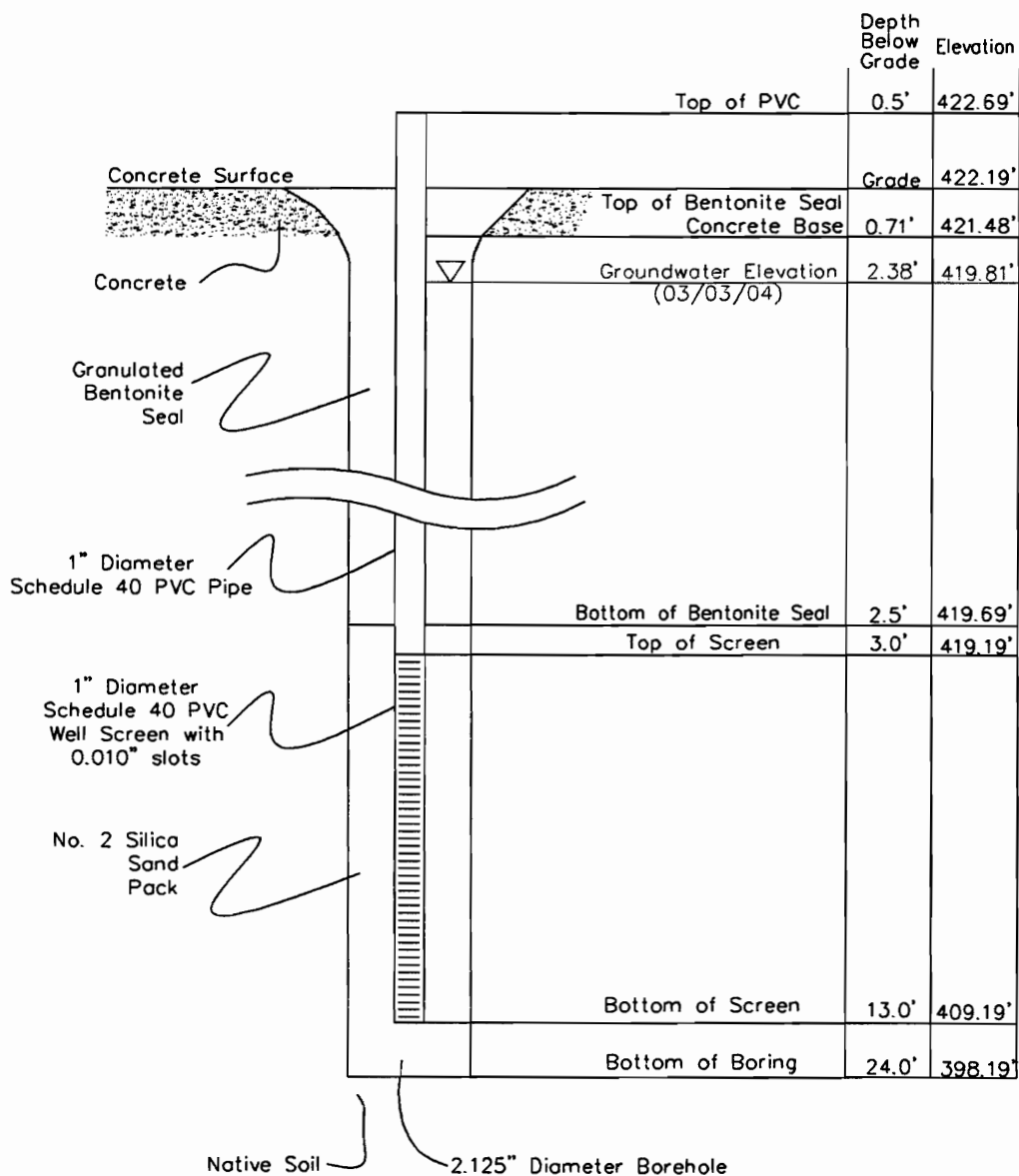
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

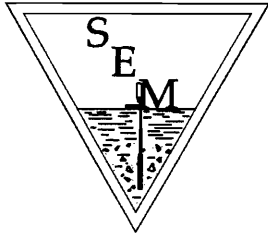
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 17, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-48D



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

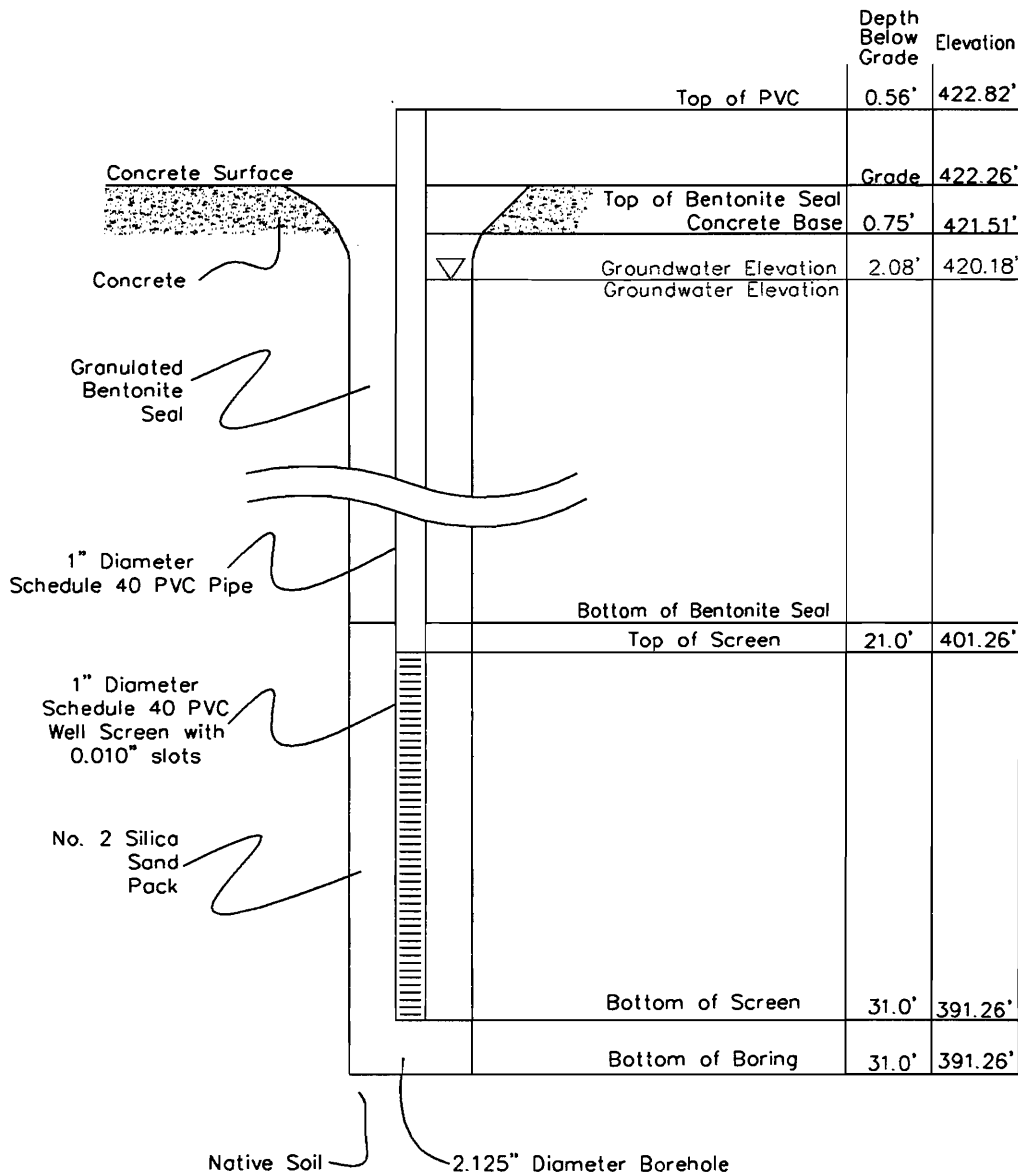
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2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

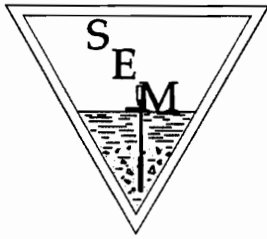
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 18, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-49D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

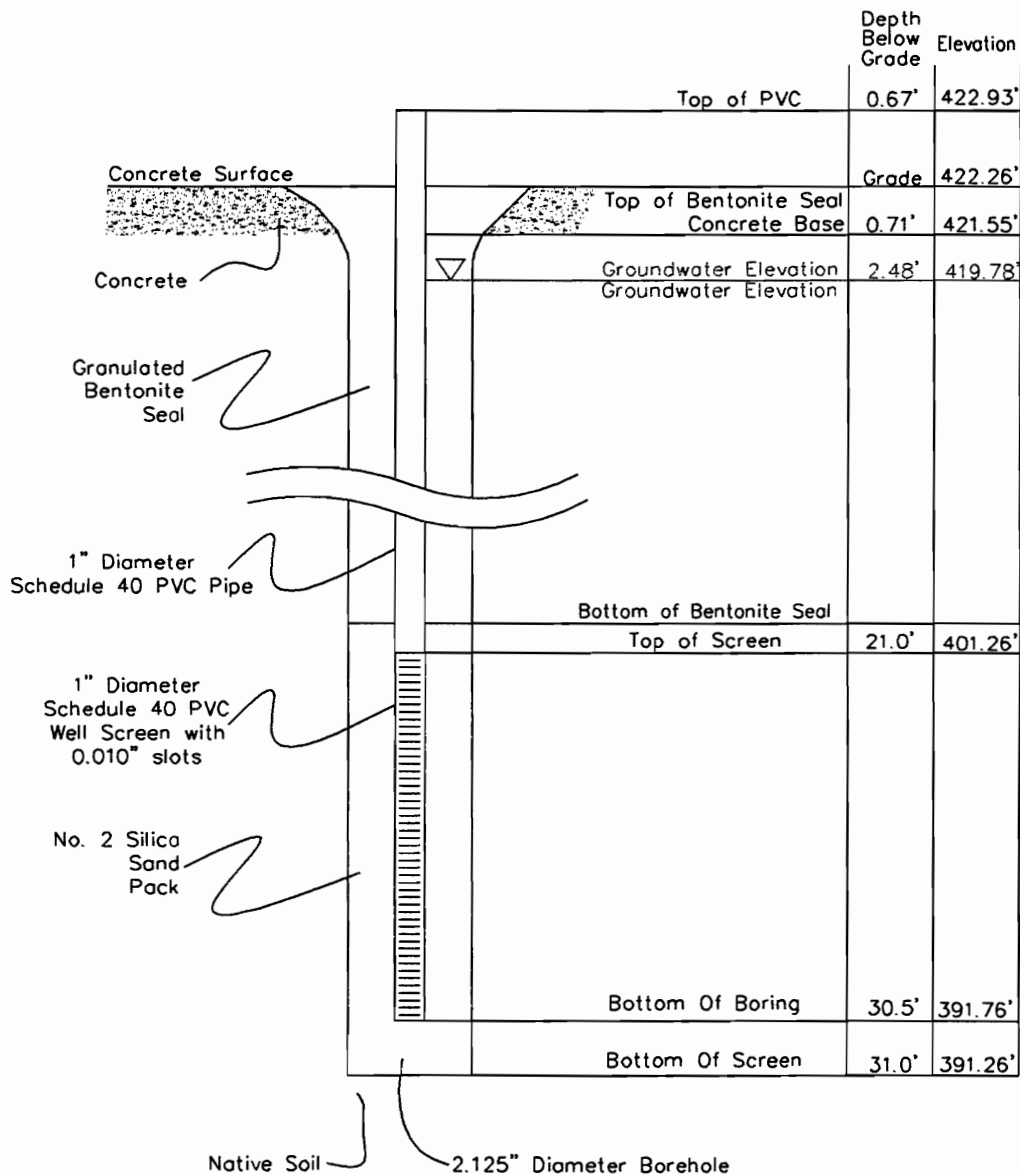
3 Remington Ave., Suite D, Canton, New York 13617
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2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

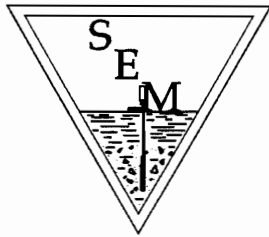
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 19, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-50D



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford / C.K. Prothro: PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

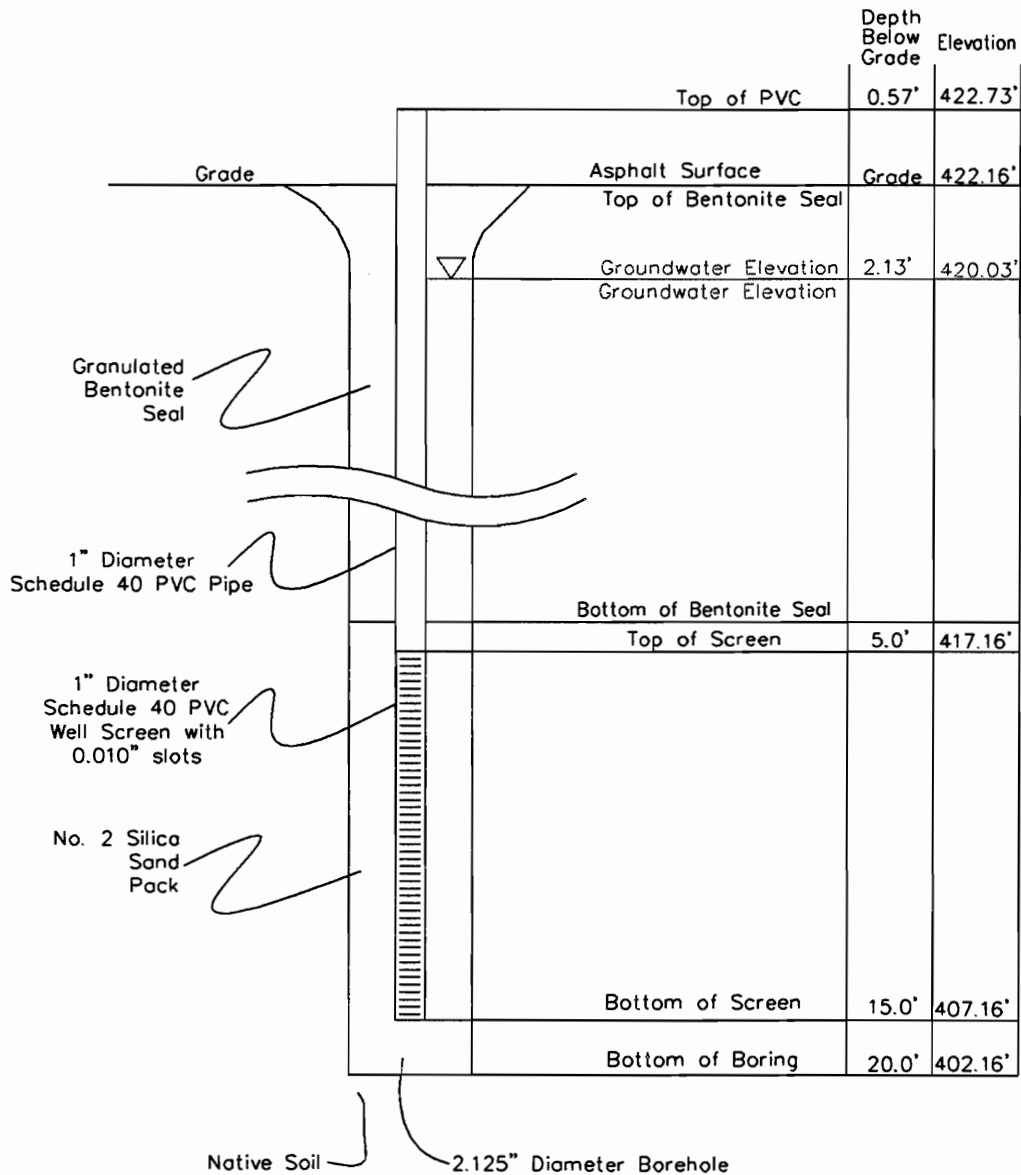
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

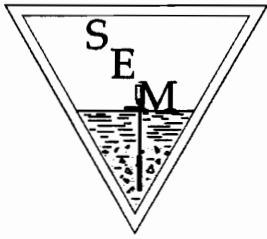
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
Install Date: February 19, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-51S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

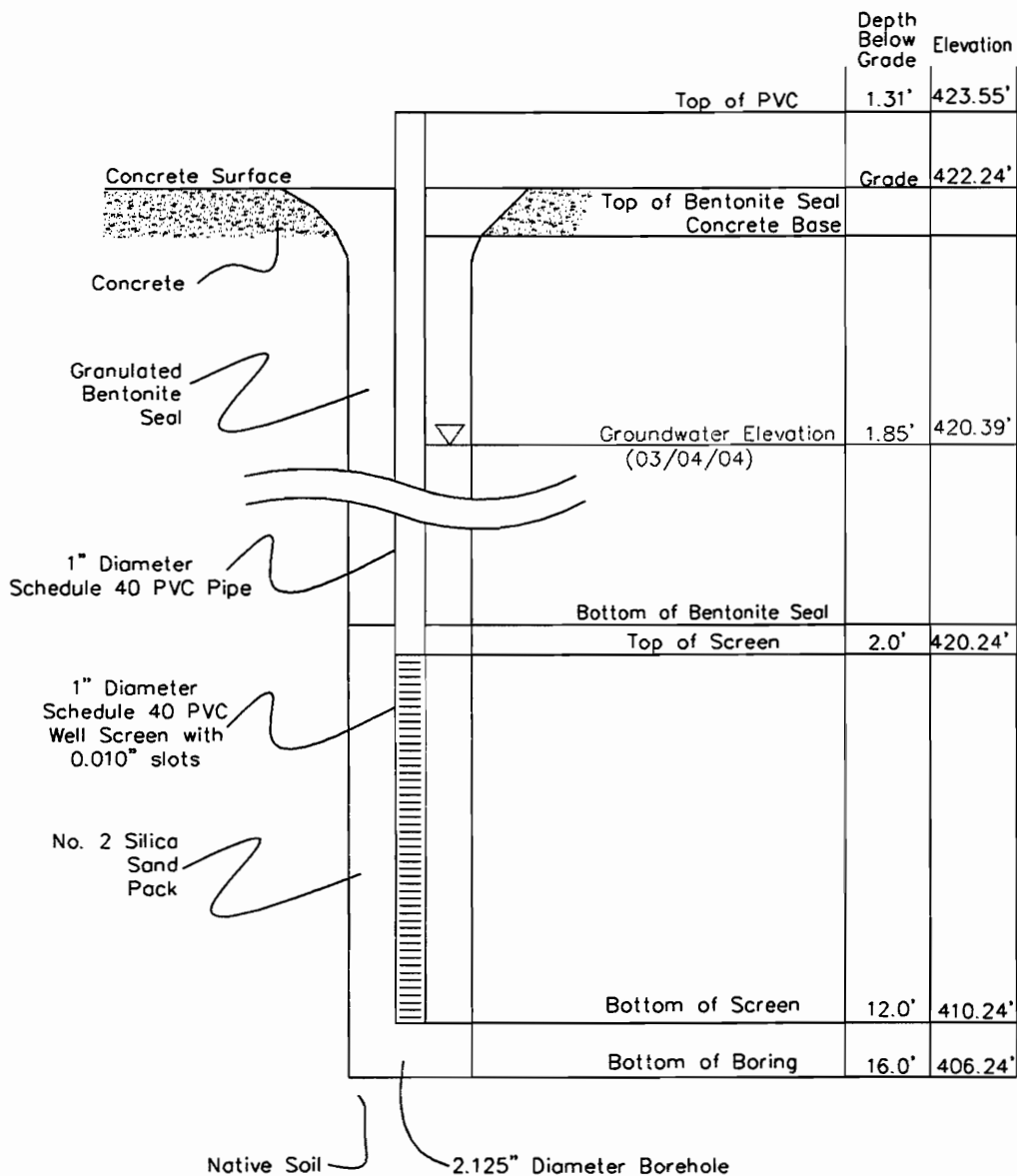
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

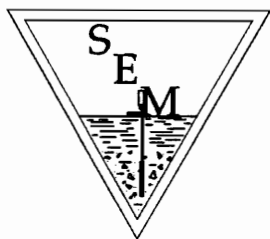
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 24, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-52S



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

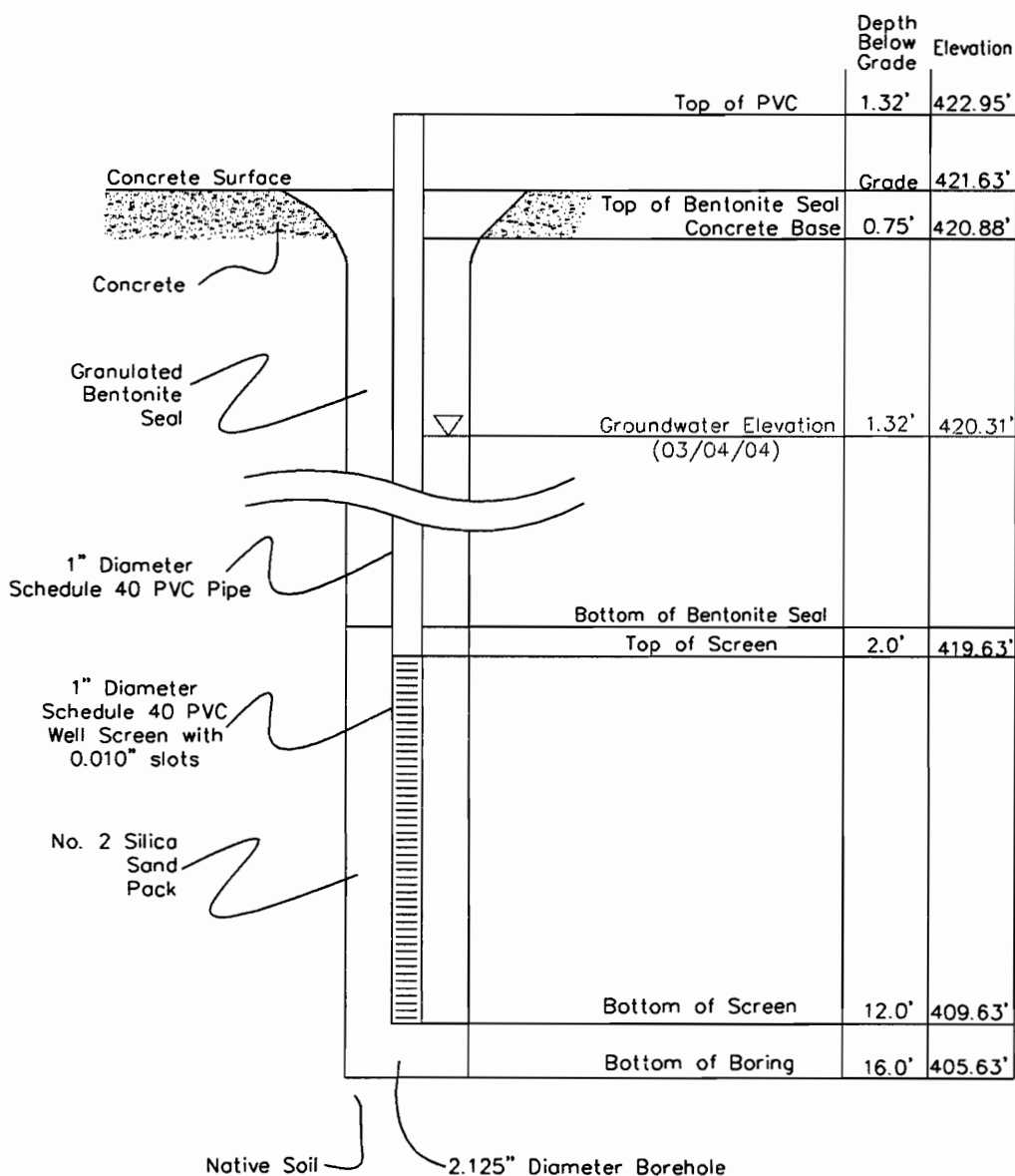
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

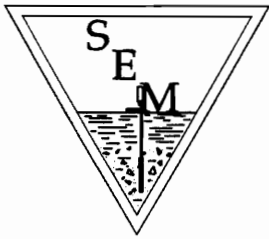
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 24, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-53S



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

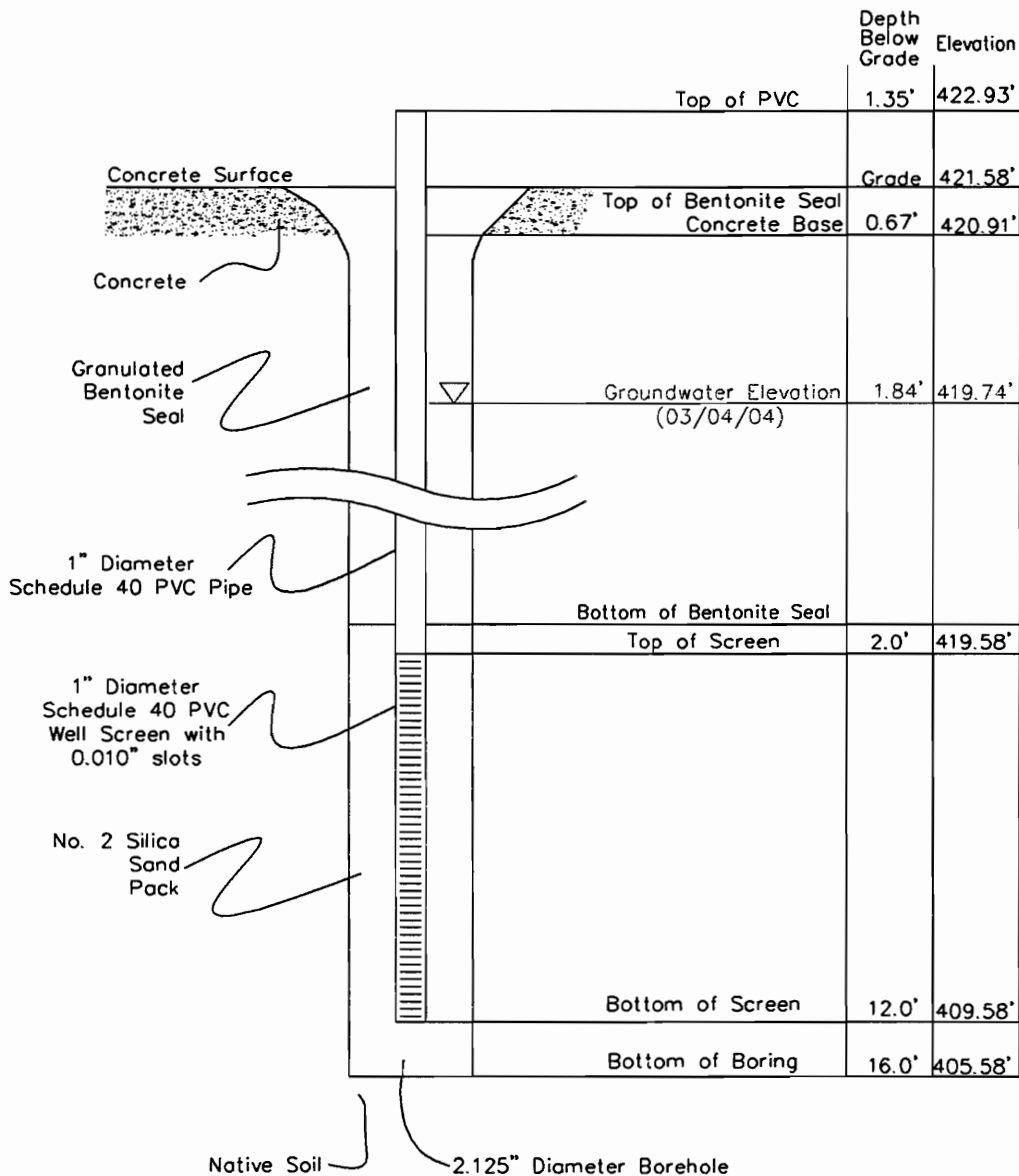
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

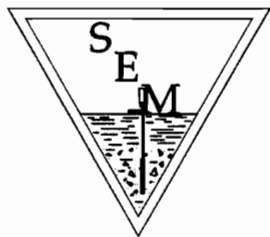
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
Install Date: February 25, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-54S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

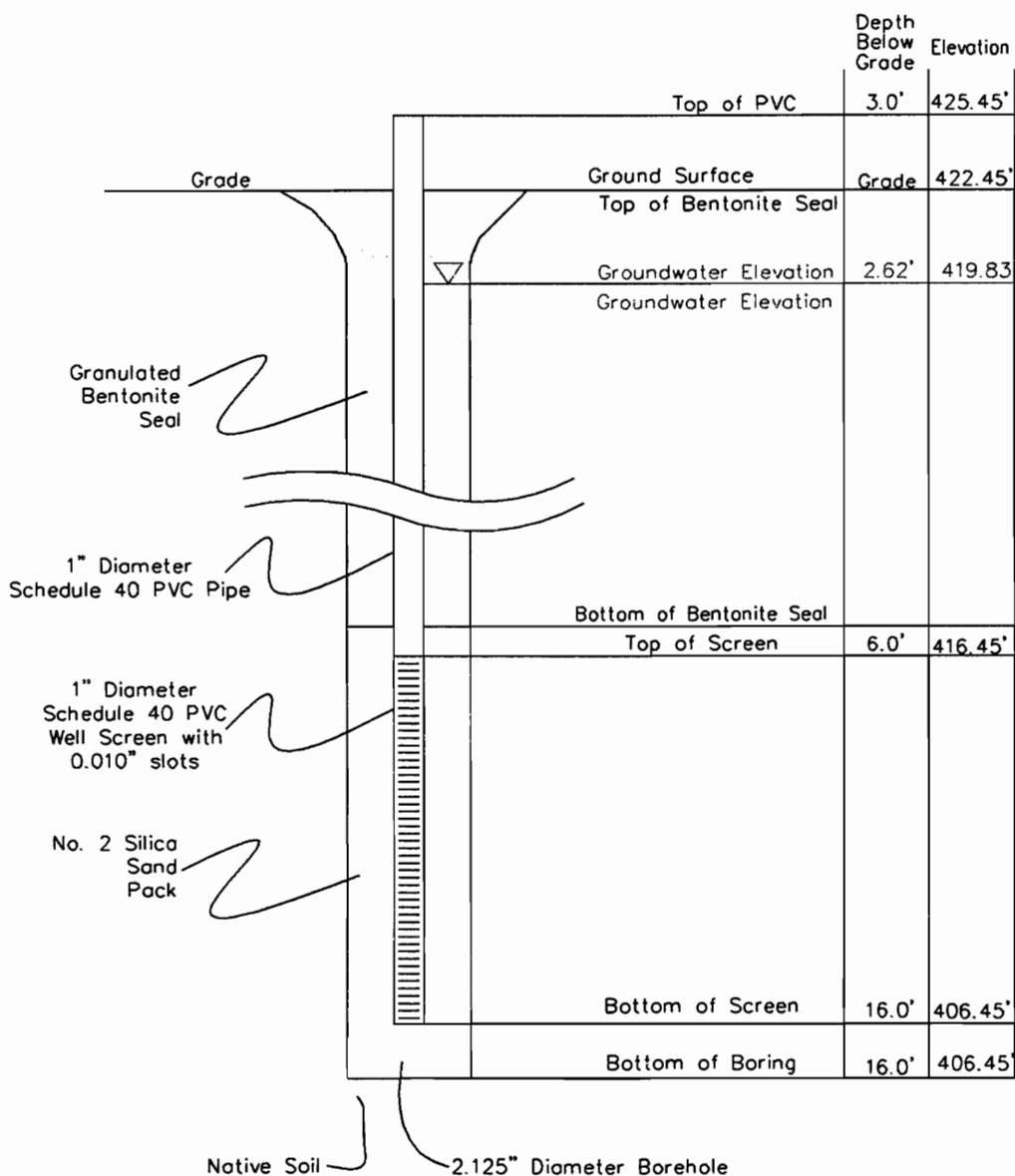
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

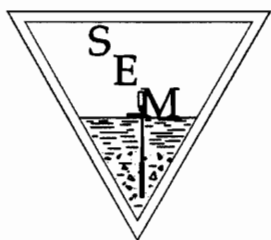
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 25, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-66S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, PG, CPC



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

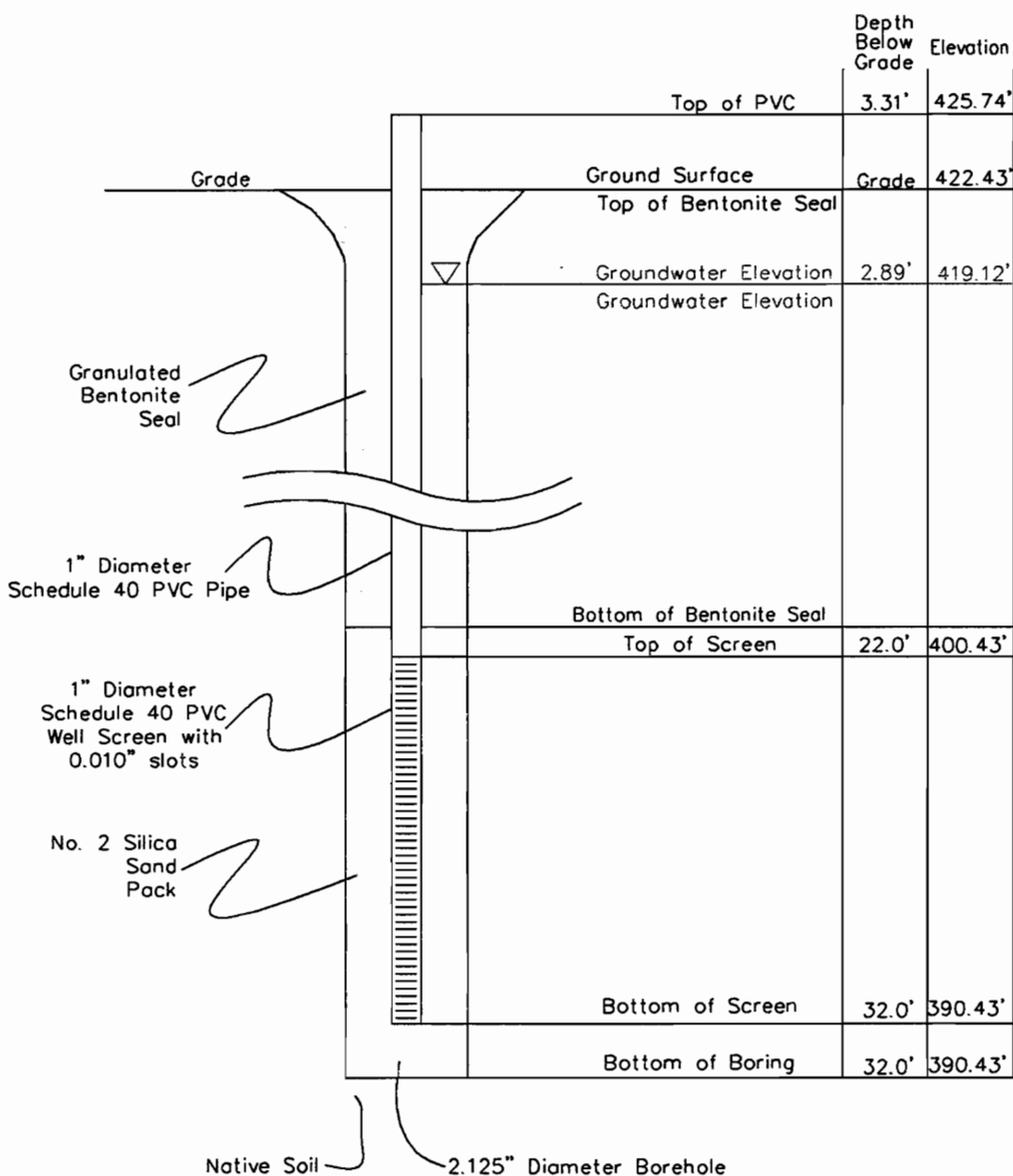
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

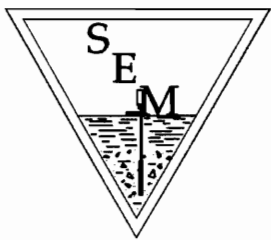
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 25, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-65D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

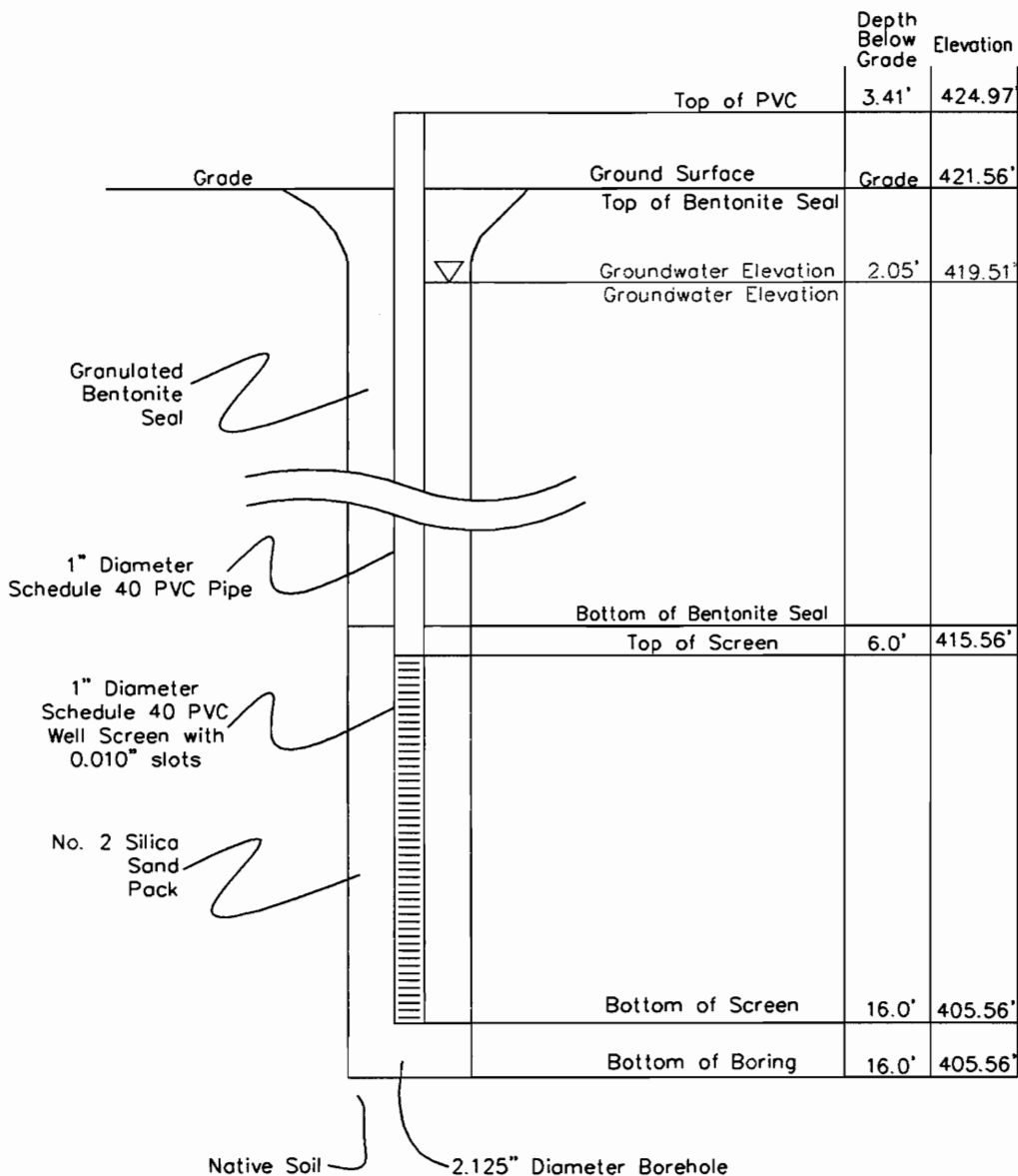
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

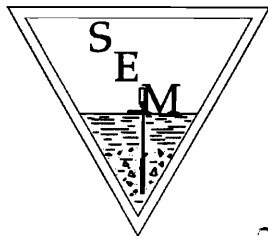
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 25, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-64S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro: PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

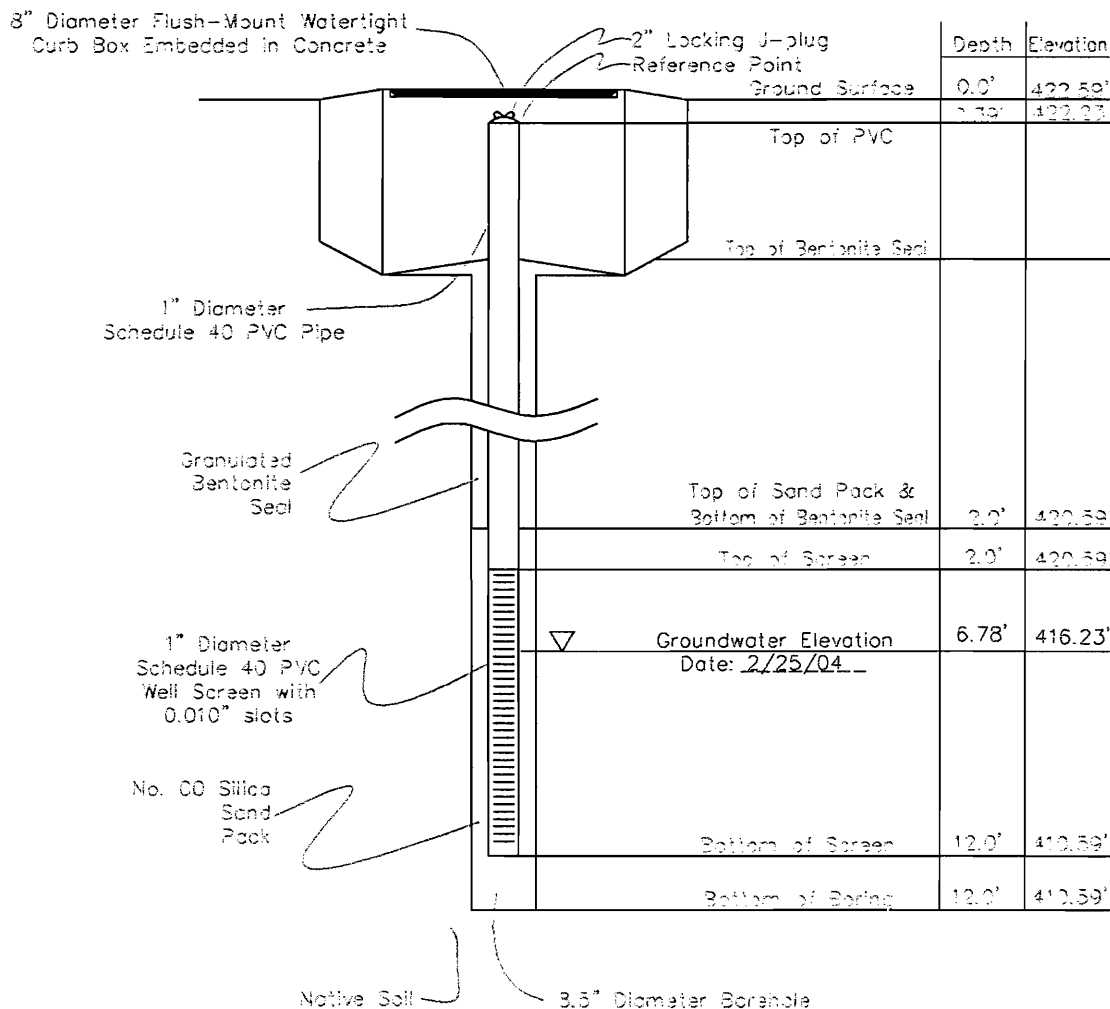
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

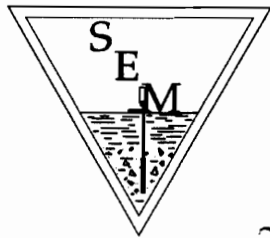
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 23, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-63S



Drawing Not to Scale

Installation Supervised By: C.K. Potho: PG/CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

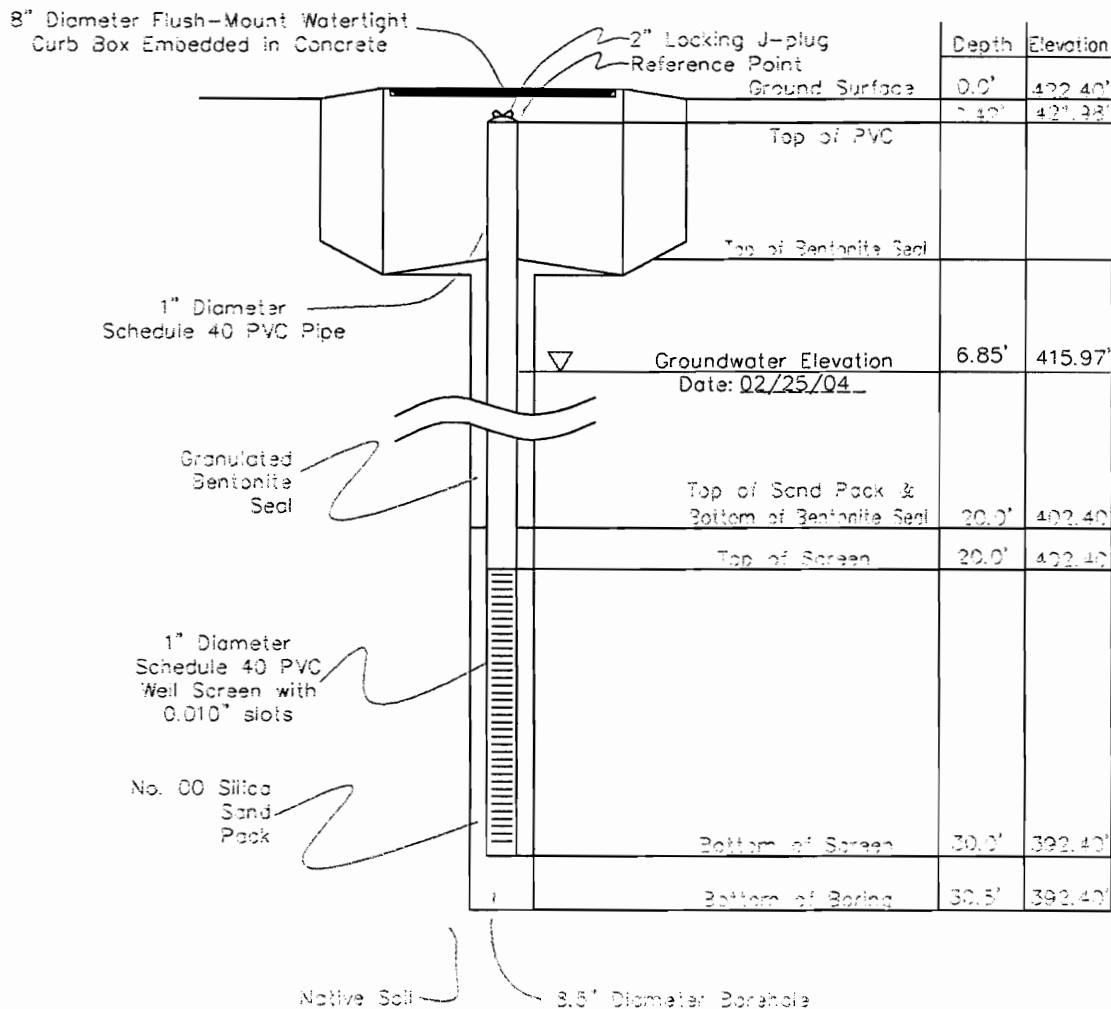
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

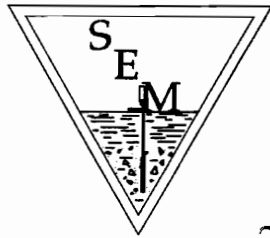
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 23, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-62S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, P.G., CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

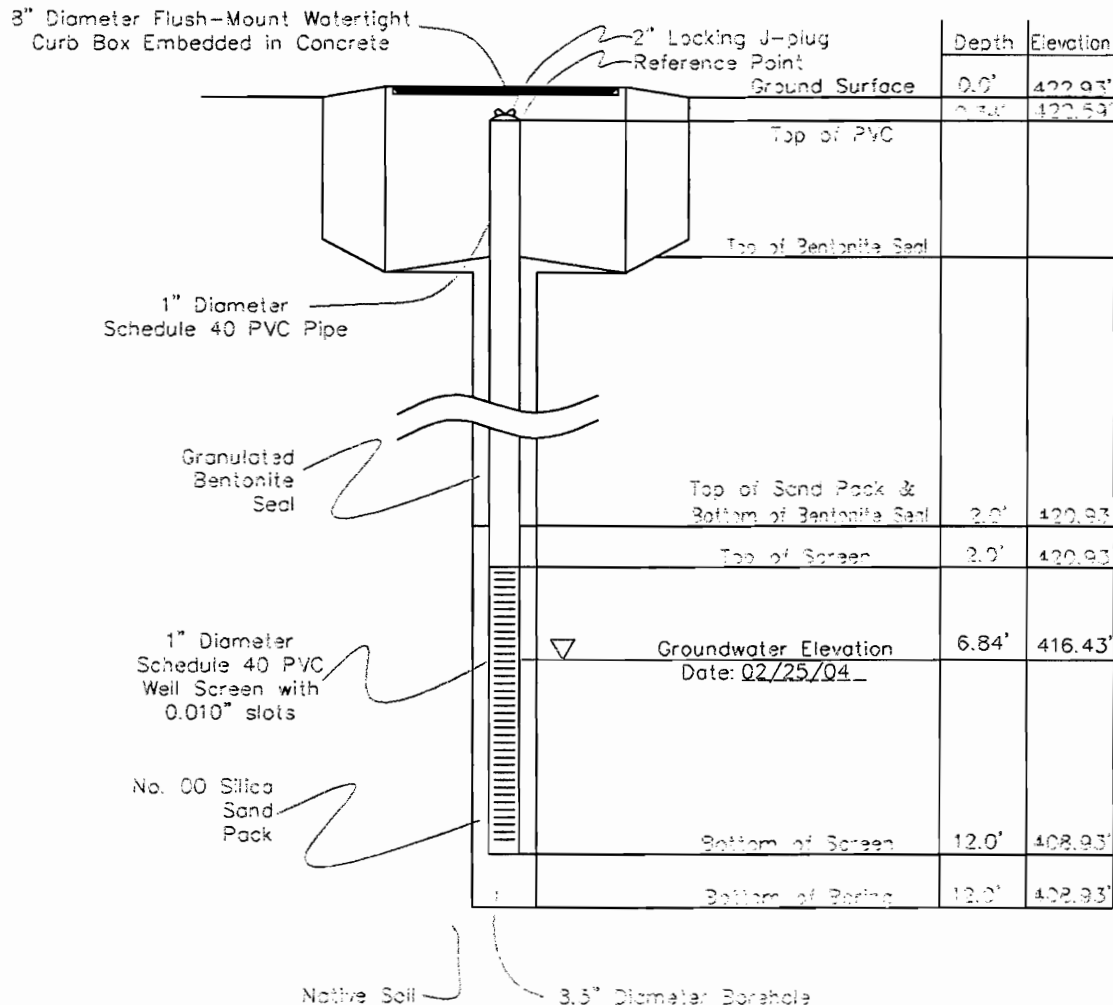
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

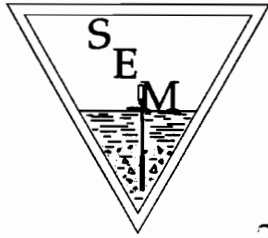
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 23, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-61S



Drawing Not to Scale

Installation Supervised By: C.R. Proctor, P.E., CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

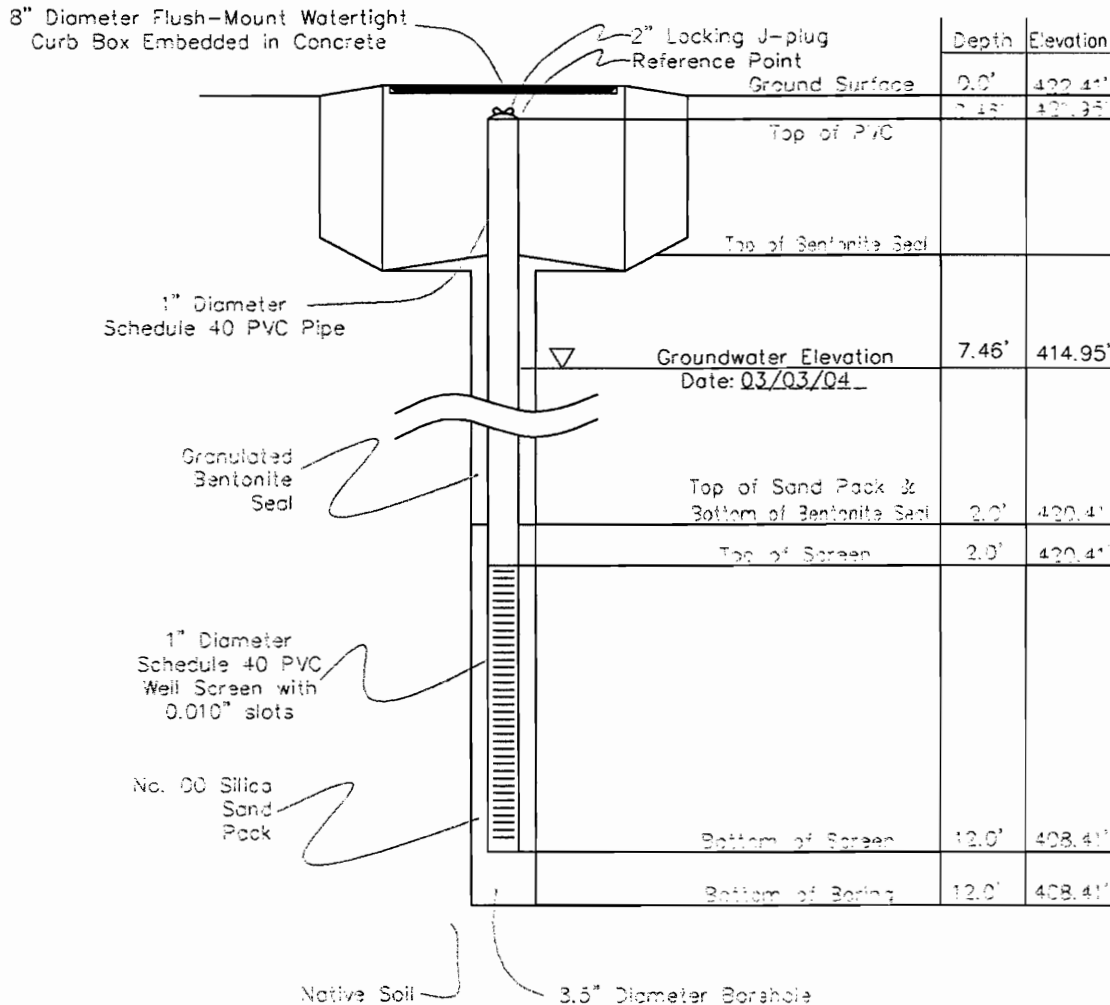
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

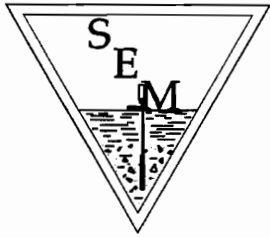
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 23, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-60S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro, P.E., CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

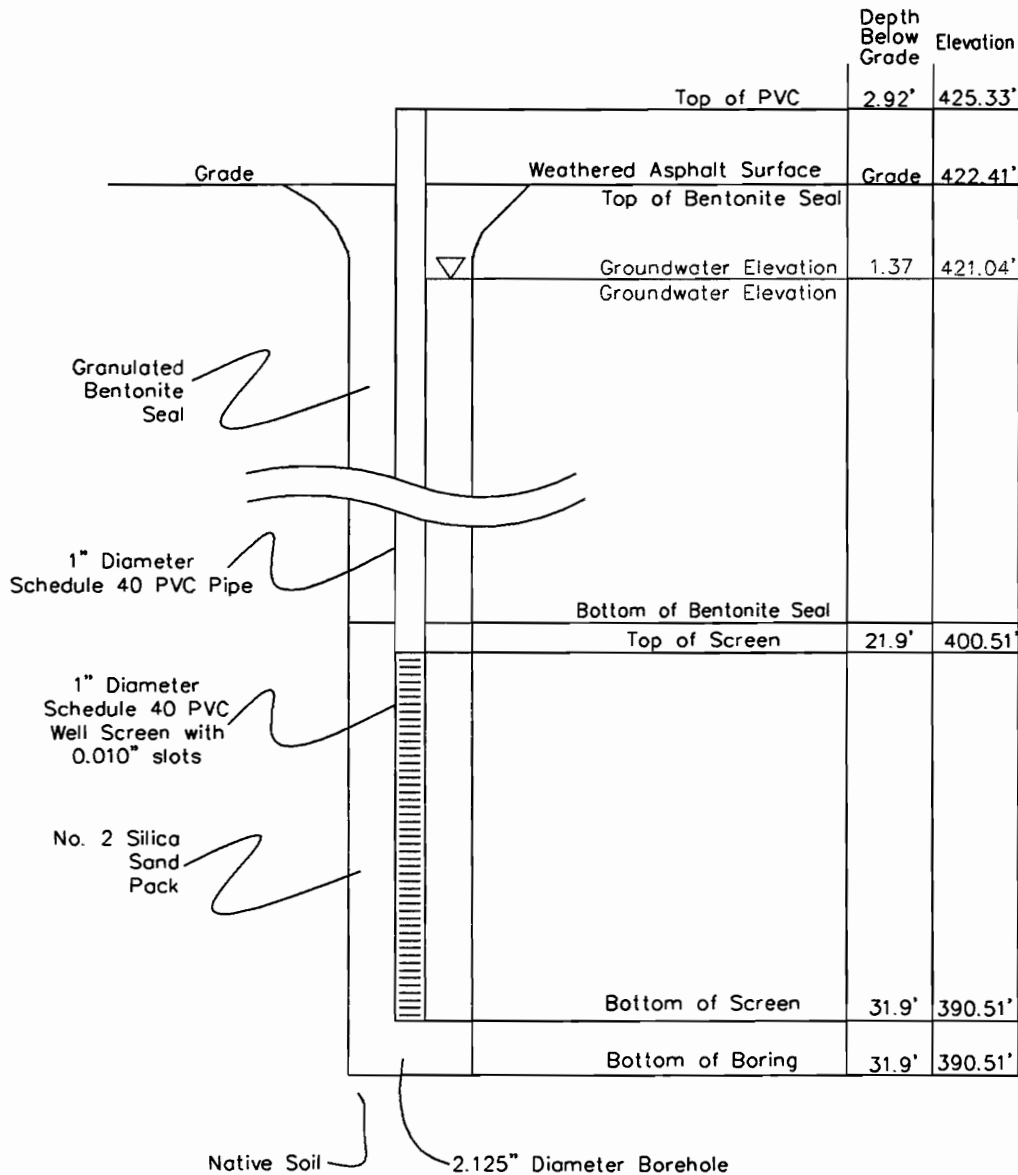
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

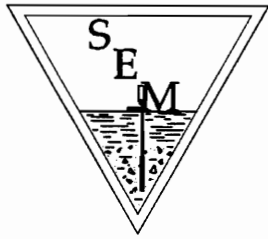
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
Install Date: February 11, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-58D



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PG, CPG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

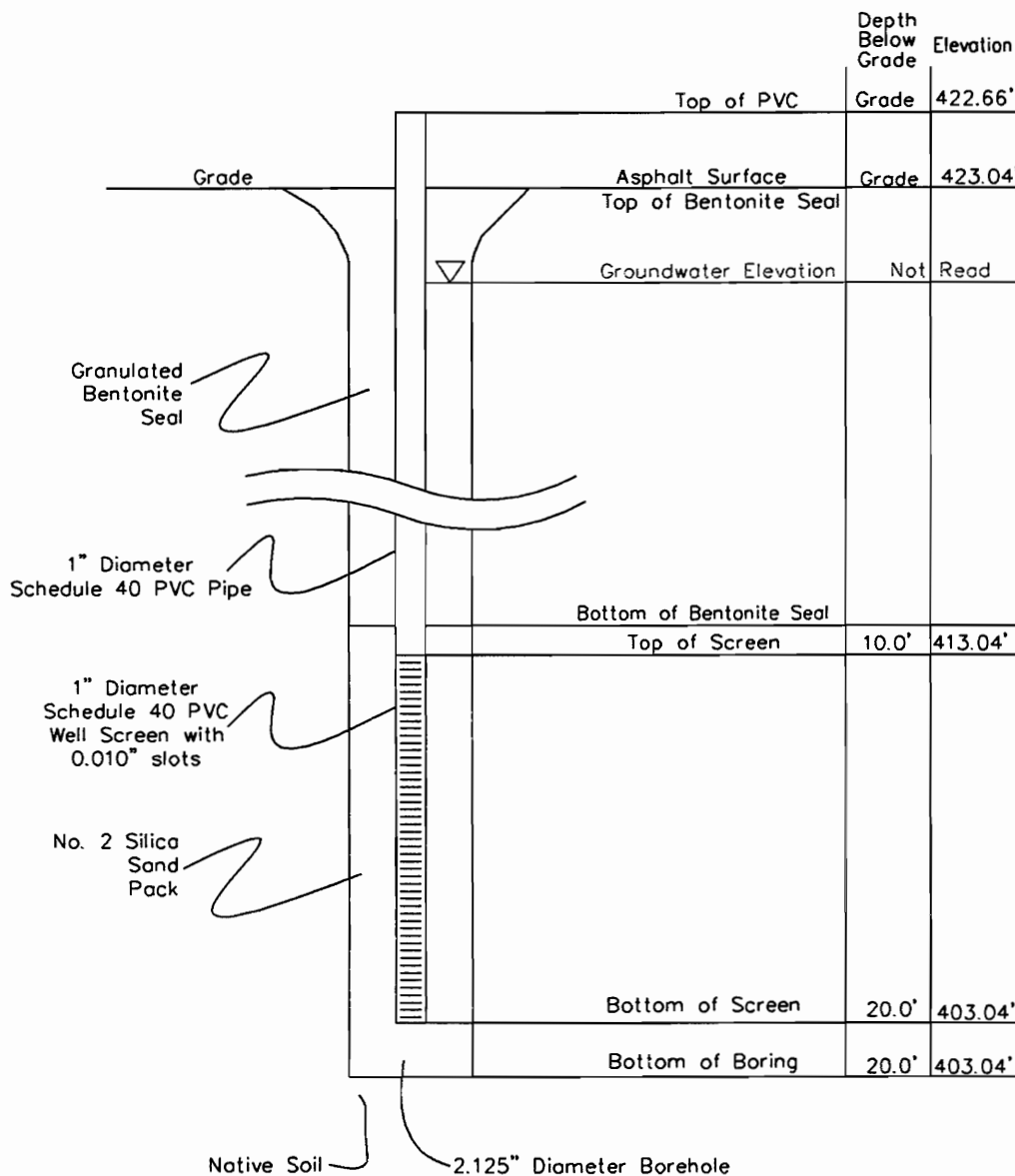
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

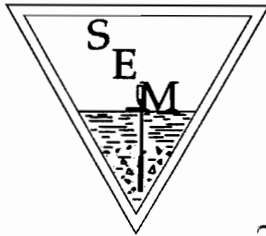
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 9, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-57S



Drawing Not to Scale

Installation Supervised By: C.K. Prothro; PC, CPC



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

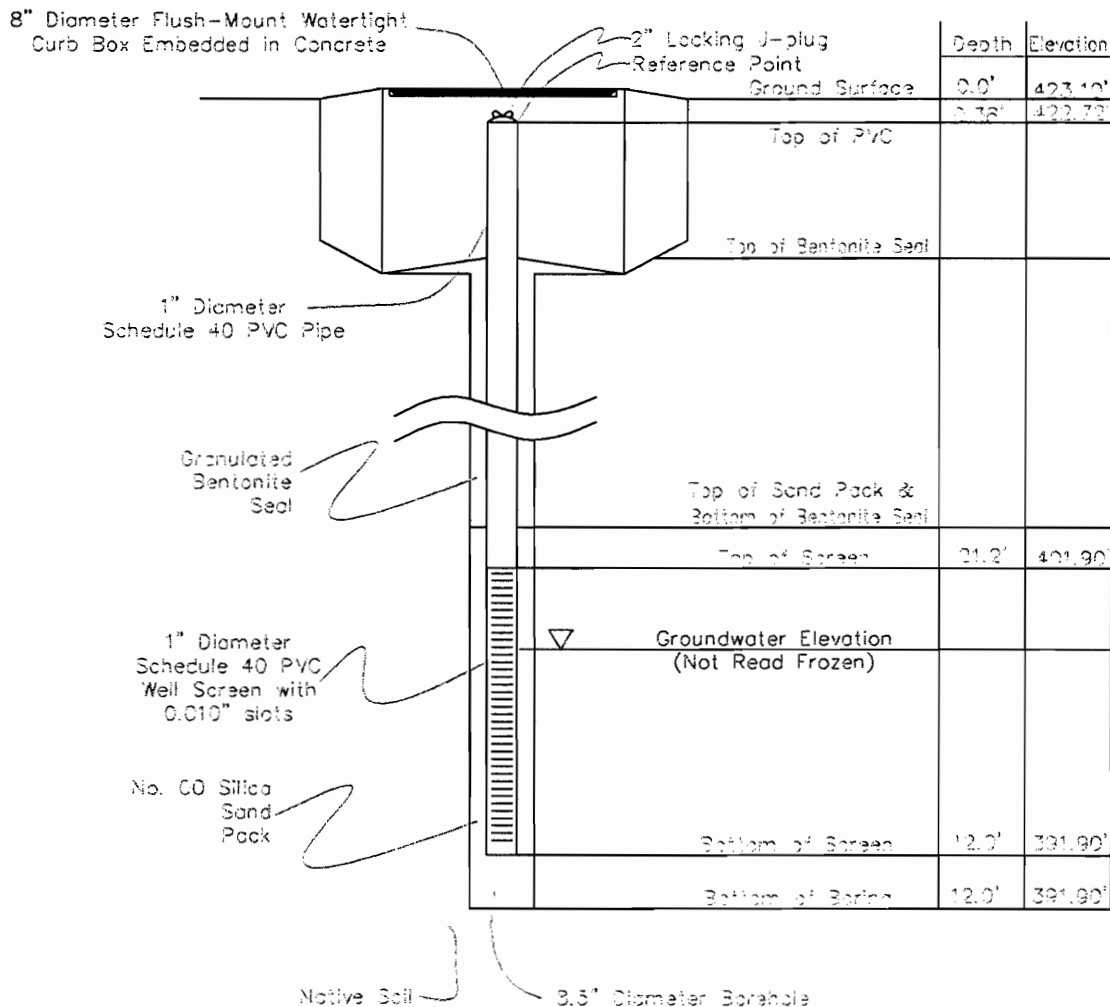
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

25 1/2 Water Street, Baldwinsville, NY 13027
Telephone: (315) 635-8936 Facsimile: (315) 635-2380

2-Inch Diameter Monitoring Well Detail

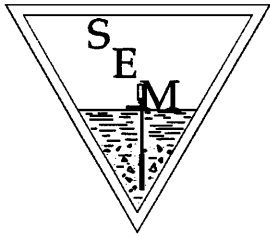
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 9, 2004 Install By: SEM, Inc.

Monitoring Well No.: MW-WP-57D



Drawing Not to Scale

Installation Supervised By: CKL, Professor PG, CEG



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

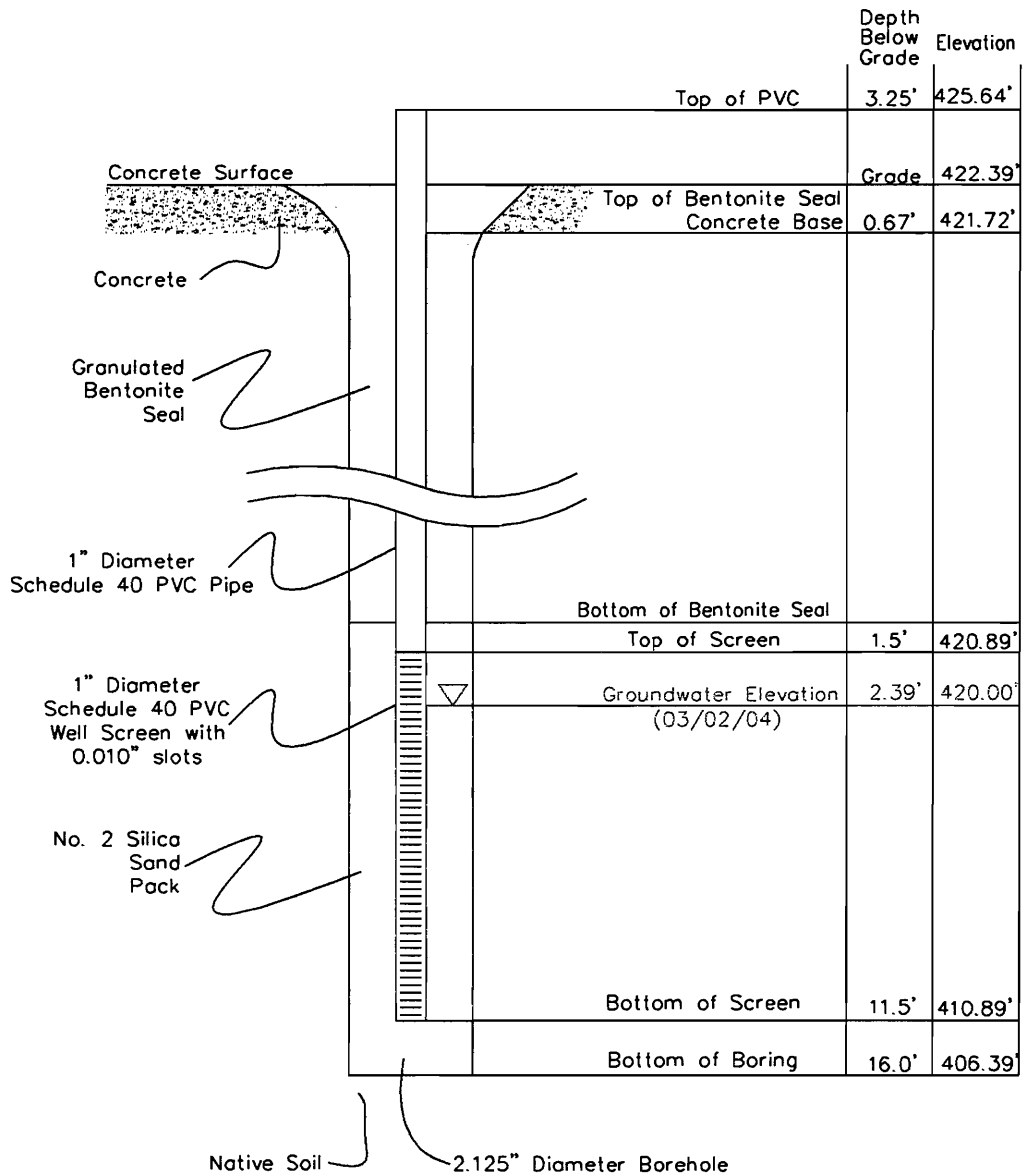
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

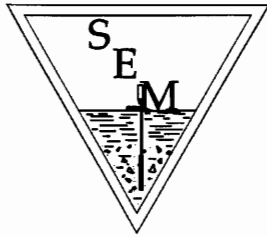
Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 24, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-56S



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford



STRATEGIC ENVIRONMENTAL MANAGEMENT, INC.

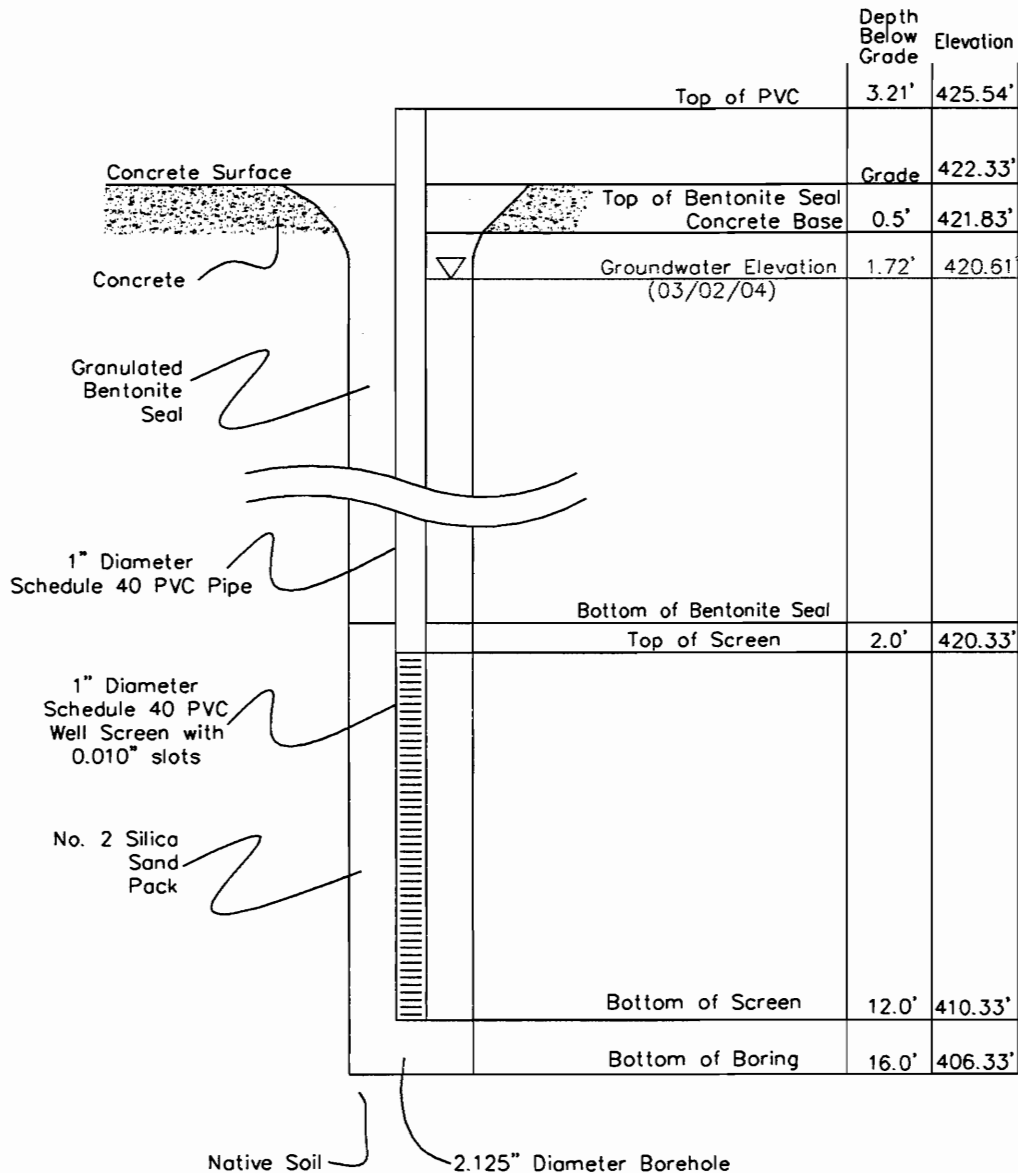
3 Remington Ave., Suite D, Canton, New York 13617
Telephone: (315) 386-2736 Facsimile: (315) 386-4736

2705 Route 370, Cato, New York 13033
Telephone: (315) 626-2176 Facsimile: (315) 626-2591

1-Inch Diameter Piezometer Detail

Client: NYSDEC Region 7 Project No. 3003.0050.02.04
 NYSDEC Spill No.: 01-60024; Pin No. H-0529
 Project: Supplemental Source Area Investigation
Former Northeast Environmental Services Site, Lenox, New York
 Install Date: February 24, 2004 Install By: SEM, Inc.

Monitoring Well No.: SEM-WP-55S



Drawing Not to Scale

Installation Supervised By: H. Nevin Bradford

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-46D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004 3:30:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Breezy ~35°

Others Present: None

EVACUATION:

Method: Bailer **Begin Time:** 3:30:00 PM **End Time:** 4:00:00 PM **PID-Well Headspace (ppm):** NR
Reference Point: Top of PVC Riser **Top of PVC Elevation (Feet):**
Static Water Level (Feet): 3.04 **Groundwater Elevation (Feet):**
Well Depth (Installed): 32 **Well Depth (Measured):** 28.1
Casing Diameter (Inches): 1 **Volume Per Linear Foot (Gallon):** 0.041
Water Column Length (Feet): 28.96 **Well Casing Volume (Gallon):** 1.18736
Minimum Evac. Volume (3 Casings - Gallons): 3.56208 **Total Evac. Volume (Gallon):** 3.1
Evacuated to Dryness?

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
3:30 PM	0.05	7.11	3.8	1.46	0.73
3:35 PM	0.25	7.09	5	1.47	0.73
3:44 PM	1	7.09	8.6	1.48	0.74
3:50 PM	1.75	7.04	9.7	1.48	0.72
3:55 PM	2.5	7.05	9.9	1.47	0.73
3:59 PM	3.1	7.06	9.4	1.48	0.74

OBSERVATIONS: Turbidity too silty. No sheen nor odor observed.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 3.82

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:10 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:10 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-45D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004 2:50:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Breezy ~35°

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	2:50:00 PM	End Time:	3:30:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			
Static Water Level (Feet):			3.1	Groundwater Elevation (Feet):			
Well Depth (Installed):			32	Well Depth (Measured):		29.1	
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):		0.041	
Water Column Length (Feet):			28.9	Well Casing Volume (Gallon):		1.1849	
Minimum Evac. Volume (3 Casings - Gallons):			3.5547	Total Evac. Volume (Gallon):		3.2	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
2:50 PM	0.8	7.09	6.4	1.47	0.73
3:05 PM	0.5	7.07	7.5	1.52	0.76
3:10 PM	1.25	7.11	9.1	1.5	0.74
3:15 PM	2	7.05	9.6	0.7	0.34
3:20 PM	2.75	7.06	9.6	1.5	0.75
3:27 PM	3.2	6.99	8.6	1.47	0.74
4:00 PM		7.12	5.1	1.56	0.78

OBSERVATIONS: Very silty, no sheen nor odor observed. 3/4" fine sand as residue in bucket. Turbidity- Er.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

3.42

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:05 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:05 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-44D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Windy ~30°

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 1:30:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	2.72	Groundwater Elevation (Feet):	
Well Depth (Installed):	32	Well Depth (Measured):	24.65
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	29.28	Well Casing Volume (Gallon):	1.20048
Minimum Evac. Volume (3 Casings - Gallons):	3.60144	Total Evac. Volume (Gallon):	3
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
1:30 PM	0	7.4	6.3	1.03	0.57
2:15 PM	3	7.25	6.3	1.2	0.6

OBSERVATIONS: Silty black fine sand no sheen or odor observed. Turbidity - NR - too silty. Stickup.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 4.57

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:15 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:15 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-43S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast; Breezy; ~40°

SEM Project No.: 30030050
Date: 3/2/2004 2:05:00 PM
SEM Representatives: MNG
Others Present: None

EVACUATION:

Method: Bailer **Begin Time:** 2:05:00 PM **End Time:** 2:20:00 PM **PID-Well Headspace (ppm):** NR
Reference Point: Top of PVC Riser **Top of PVC Elevation (Feet):**
Static Water Level (Feet): 4.54 **Groundwater Elevation (Feet):**
Well Depth (Installed): 16 **Well Depth (Measured):** 14.6
Casing Diameter (Inches): 1 **Volume Per Linear Foot (Gallon):** 0.041
Water Column Length (Feet): 11.46 **Well Casing Volume (Gallon):** 0.46986
Minimum Evac. Volume (3 Casings - Gallons): 1.40958 **Total Evac. Volume (Gallon):** 1.3
Evacuated to Dryness?

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
2:05 PM	0.05	8.2	3.4	0.41	0.2
2:20 PM	1.3	7.73	3.4	0.45	0.22

OBSERVATIONS: Medium brown silty; clearing; no sheen nor odor observed; some residual fine sand in gasket. Turbidity - Er

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 4.51

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:30 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:30 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-42S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 11:45:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~20°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:45:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	5.36	Groundwater Elevation (Feet):	
Well Depth (Installed):	20	Well Depth (Measured):	14.96
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	14.64	Well Casing Volume (Gallon):	0.60024
Minimum Evac. Volume (3 Casings - Gallons):	1.80072	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed		pH	Temperature	Specific Conductivity	Other
Time						
1:20 PM			8.08	3.8	0.66	0.33

OBSERVATIONS: No sheen, no odor, murky, very silty, no turbidity measurements. Developed well pump with peristaltic pump for 0.5 hour no additional bailing.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.5

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:15 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:15 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-41D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 10:30:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny Windy ~13°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	10:30:00	End Time:	11:30:00 AM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser	Top of PVC Elevation (Feet):		
Static Water Level (Feet):			6.17		Groundwater Elevation (Feet):		
Well Depth (Installed):			29		Well Depth (Measured):		27.18
Casing Diameter (Inches):			1		Volume Per Linear Foot (Gallon):		0.041
Water Column Length (Feet):			22.83		Well Casing Volume (Gallon):		0.93603
Minimum Evac. Volume (3 Casings - Gallons):			2.80809		Total Evac. Volume (Gallon):		8
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
11:30 AM		7.32	5	1.67	0.83

OBSERVATIONS: No sheen; no odor; very silty; no turbidity measurement. Developed well pump with peristaltic pump for 55 minutes. Pumped ~8 gallons; no additional bailing.

SAMPLING:

Method:	Bailer	Water Level prior to Sampling (Feet):	7.08
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SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	11:25 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:25 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-40D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 1:25:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives:

Weather: Sunny ~13 degrees F

Others Present:

EVACUATION:

Method: Bailer	Begin Time:	End Time:	PID-Well Headspace (ppm):
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet):
Static Water Level (Feet):			Groundwater Elevation (Feet):
Well Depth (Installed):		31.3	Well Depth (Measured): 0
Casing Diameter (Inches):		1	Volume Per Linear Foot (Gallon): 0.041
Water Column Length (Feet):			Well Casing Volume (Gallon):
Minimum Evac. Volume (3 Casings - Gallons):			Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed		Specific Conductivity	
Time		pH		Other
2:15 PM		7.75	8.2	0.72
				0.36

OBSERVATIONS: No sheen; no odor; very murky - silty sandy water; no turbidity measurement - (1) 1" Bailer Lost in Well. Developed well - pumped with peristaltic for ~35 minutes. No additional bailing.

SAMPLING:

Method: Bailer	Water Level prior to Sampling (Feet): 8.2
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SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:10 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:10 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-40AD

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Sunny/Windy 13 degrees F

SEM Project No.: 30030050
Date: 2/25/2004 9:30:00 AM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer **Begin Time:** 9:30:00 AM **End Time:** 11:00:00 AM **PID-Well Headspace (ppm):** NR
Reference Point: Top of PVC Riser **Top of PVC Elevation (Feet):**
Static Water Level (Feet): 7.9 **Groundwater Elevation (Feet):**
Well Depth (Installed): 32 **Well Depth (Measured):** 28.6
Casing Diameter (Inches): 1 **Volume Per Linear Foot (Gallon):** 0.041
Water Column Length (Feet): 24.1 **Well Casing Volume (Gallon):** 0.9881
Minimum Evac. Volume (3 Casings - Gallons): 2.9643 **Total Evac. Volume (Gallon):**
Evacuated to Dryness?

EVACUATION:

Time	Volume Removed	pH	Temperature	Specific Conductivity	Other
10:45 AM	0.25	7.37	59	1.51	0.76
10:50 AM	1	7.16	8.3	1.49	0.72
10:55 AM	1.75	7.17	8.7	1.52	0.74
11:00 AM	2.2	7.19	7.5	1.53	0.72
1:35 PM		7.53	4.2	1.58	0.78

OBSERVATIONS: Slight sheen; No Odor; Very Silty - clogged pump hose; long recovery time; no turbidity measurement. Developed well - pumped with peristaltic pump for ~45min - 6 Gal- hose froze; well depth after pump 25.4' (worse than at start). Bailed additional 2 Gal.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 7.4

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:35 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:35 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-14S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~10°F Windy

SEM Project No.: 30030050
Date: 2/20/2004 8:50:00 AM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	8:50:00 AM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			422.19
Static Water Level (Feet):			5.05	Groundwater Elevation (Feet):			417.14
Well Depth (Installed):			15	Well Depth (Measured):			17.18
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			9.95	Well Casing Volume (Gallon):			1.592
Minimum Evac. Volume (3 Casings - Gallons):			4.776	Total Evac. Volume (Gallon):			4.75
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
9:00 AM	1.25	7.51	5.9	0.98	0.49
9:05 AM	3	7.56	6.3	0.98	0.49
9:15 AM	4.5	7.55	6.2	1.02	0.5
11:40 AM	4.75	7.44	5	1.04	0.52

OBSERVATIONS: Dry at 10 bails (2.5 Gallons) - Recovered. Turbidity 28. 5.07 at 11:40am

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-14D

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~10°F Windy

SEM Project No.: 30030050
Date: 2/20/2004 8:40:00 AM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 8:40:00 AM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	417.14
Static Water Level (Feet):	5.12	Groundwater Elevation (Feet):	412.02
Well Depth (Installed):	30	Well Depth (Measured):	31.85
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	24.88	Well Casing Volume (Gallon):	3.9808
Minimum Evac. Volume (3 Casings - Gallons):	11.9424	Total Evac. Volume (Gallon):	16
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	Other
Time		pH	Temperature		
8:42 AM	1.25	7.46	6.7	0.91	0.45
8:45 AM	3.75	7.45	8.6	0.91	0.45
8:50 AM	7.5	7.47	9	0.93	0.46
8:56 AM	11.25	7.43	8.6	0.97	0.48
9:00 AM	15.5	4.47	8.7	1.06	0.53

OBSERVATIONS: Sample Level 5.70'. Turbidity 21.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO ₃	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well ID.

SEM-WP-13

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~10°F

SEM Project No.: 30030050
Date: 2/19/2004 3:05:00 PM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	3:05:00 PM	End Time:	3:45:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			320.96
Static Water Level (Feet):			4.65	Groundwater Elevation (Feet):			316.31
Well Depth (Installed):			32	Well Depth (Measured):			36.75
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			27.35	Well Casing Volume (Gallon):			4.376
Minimum Evac. Volume (3 Casings - Gallons):			13.128	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
	15.5	7.6	7.7	1.12	0.56
	11.25	7.62	8.3	1.13	
	7.5	7.53	9.2	1.1	
	3.75	8.06	8.7	0.42	
3:05 PM	1.25	7.99	5.2	0.42	

OBSERVATIONS: Turbidity 10.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)
VOC (EPA Method 8260)

Container
(1) 1 L Plastic
(2) 40 mL Vials

Preservation
10% HNO₃
1:1 HCl/4°C

Time of Collection

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well LD.

SEM-WP-12

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Partly Cloudy 25°F

SEM Project No.: 30030050
Date: 2/24/2004 11:45:00 AM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:45:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet):
Static Water Level (Feet):		1.68	Groundwater Elevation (Feet):
Well Depth (Installed):			Well Depth (Measured): 21.7
Casing Diameter (Inches):		2	Volume Per Linear Foot (Gallon): 0.16
Water Column Length (Feet):			Well Casing Volume (Gallon):
Minimum Evac. Volume (3 Casings - Gallons):			Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	Other
Time		pH	Temperature		
12:20 PM	1.25	7.12	4.8	1.82	0.91
12:22 PM	3	7.07	6.5	1.8	0.89
12:25 PM	5	7.09	7.4	1.83	0.92
12:27 PM	7.5	7.08	8	1.85	0.93
12:29 PM	9.75	7.04	8.4	1.85	0.92

OBSERVATIONS: Light yellow to brown color; no sheen; moderate sulfur odor. 3.25 at 12:30 pm.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 1.89

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well LD.

SEM-WP-11S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Partly Cloudy ~25°F

SEM Project No.: 30030050
Date: 2/24/2004 11:45:00 AM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:45:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	423.44
Static Water Level (Feet):	1.63	Groundwater Elevation (Feet):	421.81
Well Depth (Installed):	15	Well Depth (Measured):	14.63
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	13.37	Well Casing Volume (Gallon):	2.1392
Minimum Evac. Volume (3 Casings - Gallons):	6.4176	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
	6.25	7.06	6.7	1.73	0.87
	5	7.05	6.6	1.78	0.89
	3.75	7.06	6.4	1.75	0.87
12:05 PM	1.25	7.13	4.1	1.51	0.75

OBSERVATIONS: Rusty color, no sheen, moderate sulfur odor. Color cleared to light rusty at 15 bails. Turbidity 95.1. 3.05 at 12:15pm.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 2.2

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well ID.

SEM-WP-11D

Client Name: NYSDEC Region 7

Project: Former NES Site

Description/Location: Canal Road, Canastota, NY

Weather: Partly Cloudy ~25°F

SEM Project No.: 30030050

Date: 2/24/2004 12:00:00 PM

SEM Representatives: MNG/TLC

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	12:00:00	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	421.13
Static Water Level (Feet):				1.67		Groundwater Elevation (Feet):	419.46
Well Depth (Installed):				21.5		Well Depth (Measured):	30.15
Casing Diameter (Inches):				2		Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):				19.83		Well Casing Volume (Gallon):	3.1728
Minimum Evac. Volume (3 Casings - Gallons):				9.5184		Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
12:00 PM	0	0	0	0	

OBSERVATIONS: NO SAMPLES TAKEN. Replaced by WP-12. See well information for WP-12.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
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Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-107D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/20/2004 11:15:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Overcast ~ 30°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:15:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet):
Static Water Level (Feet):		4.28	Groundwater Elevation (Feet):
Well Depth (Installed):			Well Depth (Measured): 18.15
Casing Diameter (Inches):		1	Volume Per Linear Foot (Gallon): 0.041
Water Column Length (Feet):			Well Casing Volume (Gallon):
Minimum Evac. Volume (3 Casings - Gallons):			Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
	1.25	7.34	8.3	0.54	0.23
	0.75	7.43	7.9	0.47	0.23
11:02 AM	0.25	7.55	5.5	0.94	0.47
1:15 PM	1.7	7.56	6.9	0.9	0.47

OBSERVATIONS: Semi-dry at 10 bails - mud packed at 18'. Turbidity Er2 - Cloudy. Recovered after 25 bails. 1310 - 9.54' H2O Static.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 9.92

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:20 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:20 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-106D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/20/2004 10:00:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Overcast ~30°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 10:00:00	End Time: 10:30:00 AM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	4.86	Groundwater Elevation (Feet):	
Well Depth (Installed):		Well Depth (Measured):	34.1
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):		Well Casing Volume (Gallon):	
Minimum Evac. Volume (3 Casings - Gallons):		Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
	3.6	7.42	8.5	1.3	0.65
	3	7.45	8.2	1.3	0.64
10:00 AM	2.8	7.95	3.5	1	0.5
10:07 AM	0.75	7.8	5.6	1	0.5
10:14 AM	1.5	7.62	7.3	1.27	0.63
10:20 AM	2.5	7.58	8	1.3	0.65

OBSERVATIONS: Silty - red/brown. Turbidity Er3. Dist. Blank 4.2.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L. Plastic	10% HNO3	10:30 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	10:30 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-105D

Client Name: NYSDEC Region 7

Project: Former NES Site

Description/Location: Canal Road, Canastota, NY

Weather: Overcast ~30°F

SEM Project No.: 30030050

Date: 2/20/2004 10:40:00 AM

SEM Representatives: MNG/TLC

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 10:40:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet):
Static Water Level (Feet):		5.12	Groundwater Elevation (Feet):
Well Depth (Installed):			Well Depth (Measured): 30.45
Casing Diameter (Inches):		1	Volume Per Linear Foot (Gallon): 0.041
Water Column Length (Feet):			Well Casing Volume (Gallon):
Minimum Evac. Volume (3 Casings - Gallons):			Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
	3.1	7.39	8.6	1.34	0.67
	2.25	7.4	8.6	1.34	0.67
	1.5	7.43	8.1	1.34	0.66
	0.25	7.6	6.1	0.98	0.49
10:50 AM	0.75	7.45	8.2	1.26	0.62

OBSERVATIONS: Depth at sample 5.35.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-104D

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Cloudy ~25°F

SEM Project No.: 30030050
Date: 2/23/2004 10:05:00 AM
SEM Representatives: MNG, TLC
Others Present: None

EVACUATION:

Method: Bailer **Begin Time:** 10:05:00 **End Time:** 10:35:00 AM **PID-Well Headspace (ppm):** NR
Reference Point: Top of PVC Riser **Top of PVC Elevation (Feet):**
Static Water Level (Feet): 4.53 **Groundwater Elevation (Feet):**
Well Depth (Installed): **Well Depth (Measured):** 29.85
Casing Diameter (Inches): 1 **Volume Per Linear Foot (Gallon):** 0.041
Water Column Length (Feet): **Well Casing Volume (Gallon):**
Minimum Evac. Volume (3 Casings - Gallons): **Total Evac. Volume (Gallon):**
Evacuated to Dryness?

EVACUATION:

Time	Volume Removed	pH	Temperature	Specific Conductivity	Other
	3.2	7.03	8.6	1.06	0.53
	2.25	7.04	8.5	1.07	0.53
10:12 AM	0.25	7.31	4	1.04	0.51
10:15 AM	0.75	7.15	7.2	1.03	0.51
10:20 AM	1.5	7.06	8.3	1.08	0.54

OBSERVATIONS: H2O Clear to start. Muddy/Silty after 10 bails. No Sheen; Sulfur Odor. Turbidity too high no reading.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 5.06

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	10:30 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	10:30 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-103S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/24/2004 2:45:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Cloudy ~22°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	2:45:00 PM	End Time:		PID-Well Headspace (ppm):	Well Open
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	419.66
Static Water Level (Feet):			1.95			Groundwater Elevation (Feet):	417.71
Well Depth (Installed):			12			Well Depth (Measured):	11.35
Casing Diameter (Inches):			1			Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):			10.05			Well Casing Volume (Gallon):	0.41205
Minimum Evac. Volume (3 Casings - Gallons):			1.23615			Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
3:15 PM	0.25	7.19	4	1.4	0.69
3:35 PM	0.75	7.26	5.5	1.61	0.81
4:00 PM	1.25	7.34	5.7	1.63	0.81
4:30 PM		7.66	2.2	1.55	0.78

OBSERVATIONS: Bails dry - long time to recharge - very silty - high turbidity.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

2.75

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:00 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:00 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-103D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/24/2004 2:45:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Cloudy ~22°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	2:45:00 PM	End Time:		PID-Well Headspace (ppm):	Well Open
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			418.42
Static Water Level (Feet):			1.81	Groundwater Elevation (Feet):			416.61
Well Depth (Installed):			31.4	Well Depth (Measured):			15.75
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):			0.041
Water Column Length (Feet):			29.59	Well Casing Volume (Gallon):			1.21319
Minimum Evac. Volume (3 Casings - Gallons):			3.63957	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
3:00 PM	0.25	7.42	4.5	0.46	0.23
4:05 PM	2.2	7.62	8.3	1.26	0.63
4:45 PM		7.71	4.9	1.3	0.65

OBSERVATIONS: 3-3.5 Gallons of pumping with peristaltic - Sheen on Water. Silt and Sediment at 11 bails stirred up full bails of mud. Re-develop well, silt above screenpack. Turbidity too high to test. Well Depth 23.7 at 1640 after peristaltic pump

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

4.6

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:04 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:40 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-102S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/9/2004 12:15:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Light Breeze ~30

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 12:15:00	End Time: 1:15:00 PM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	418.39
Static Water Level (Feet):	1.69	Groundwater Elevation (Feet):	416.7
Well Depth (Installed):		Well Depth (Measured):	10.3
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):		Well Casing Volume (Gallon):	
Minimum Evac. Volume (3 Casings - Gallons):		Total Evac. Volume (Gallon):	0.9
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
1:00 PM	0.05	7.47	5.4	0.77	0.39
1:10 PM	0.5	7.36	5.7	0.88	0.44
1:15 PM	0.9	7.34	6.4	0.96	0.48

OBSERVATIONS: Rusty orange at top; very turbid with iron.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 2.1

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (Plus Ag and Se)	(1) 1 L. Plastic	10% HNO3	1:15 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:15 PM

Laboratory: Life Science Laboratories, Inc.

Containers Provided By: Life Science Laboratories, Inc.

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-102D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/9/2004 12:50:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Snow

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	12:50:00	End Time:	1:00:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	418.56
Static Water Level (Feet):			1.54			Groundwater Elevation (Feet):	417.02
Well Depth (Installed):			32			Well Depth (Measured):	16.98
Casing Diameter (Inches):			1			Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):			30.46			Well Casing Volume (Gallon):	1.24886
Minimum Evac. Volume (3 Casings - Gallons):			3.74658			Total Evac. Volume (Gallon):	0.9
Evacuated to Dryness?							

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
12:51 PM	0.05	8.12	4.9	0.45	0.19
12:55 PM	0.3	7.81	6	0.41	0.2
12:57 PM	0.55	7.71	7.4	0.44	0.22

OBSERVATIONS: No sheen; no odor; Well was not accessible on 3/1/04 - buried in snow.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

7.18

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (Plus Ag and Se)	(1) 1 L. Plastic	10% HNO3	1:55 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:55 PM

Laboratory: Life Science Laboratories, Inc.

Containers Provided By: Life Science Laboratories, Inc.

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-101S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 4:05:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~20°

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	4:05:00 PM	End Time:	4:20:00 PM	PID-Well Headspace (ppm):	Well Open
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			419.11
Static Water Level (Feet):			5.14	Groundwater Elevation (Feet):			413.97
Well Depth (Installed):			12	Well Depth (Measured):			11.32
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):			0.041
Water Column Length (Feet):			6.86	Well Casing Volume (Gallon):			0.28126
Minimum Evac. Volume (3 Casings - Gallons):			0.84378	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
4:10 PM	0.25	7.48	4.8	0.85	0.42
4:12 PM	0.55	7.43	4.8	0.9	0.45
4:15 PM	0.85	7.2	5	0.95	0.47

OBSERVATIONS: Silty brown; No Sheen; No Odor. Very Turbid - No Reading.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

5.34

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:20 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:20 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-101D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 3:45:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~20°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	3:45:00 PM	End Time:		PID-Well Headspace (ppm):	Well Open
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	419.11
Static Water Level (Feet):			5.12			Groundwater Elevation (Feet):	413.99
Well Depth (Installed):			28			Well Depth (Measured):	15.84
Casing Diameter (Inches):			1			Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):			22.88			Well Casing Volume (Gallon):	0.93808
Minimum Evac. Volume (3 Casings - Gallons):			2.81424			Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
	1.3	7.19	7.4	1.4	0.71
	0.75	7.3	7.5	1.41	0.7
3:55 PM	0.25	7.75	5.7	1.39	0.69

OBSERVATIONS: 8 bailers - dry - recharge. Silt and Sand in H2O. Turbidity Too Turbid to Test. Recharge Overnight. Sample collected 2/24/04.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

6.67

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-100S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 9:20:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: ~10°F Sunny

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	9:20:00 AM	End Time:	9:40:00 AM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			418.06
Static Water Level (Feet):			5	Groundwater Elevation (Feet):			413.06
Well Depth (Installed):			12	Well Depth (Measured):			12.63
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):			0.041
Water Column Length (Feet):			7	Well Casing Volume (Gallon):			0.287
Minimum Evac. Volume (3 Casings - Gallons):			0.861	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
9:25 AM	1.25	7.57	2.9	0.65	0.32
9:30 AM	3	7.41	4.3	0.72	0.36
9:35 AM	4.75	7.39	4.5	0.77	0.38

OBSERVATIONS: Red/Brown Silty Turbid Sample. Turbidity Er2 - High Turbidity.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

5.62

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	9:40 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	9:40 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-100D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 9:45:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG, TLC

Weather: ~10°F Sunny

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 9:45:00 AM	End Time: 10:10:00 AM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	418.06
Static Water Level (Feet):	4.79	Groundwater Elevation (Feet):	413.27
Well Depth (Installed):	31.5	Well Depth (Measured):	33.6
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	26.71	Well Casing Volume (Gallon):	1.09511
Minimum Evac. Volume (3 Casings - Gallons):	3.28533	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

Time	Volume Removed	pH	Temperature	Specific Conductivity	Other
9:46 AM	0.25	7.45	4.6	0.99	0.49
9:51 AM	1.1	7.34	7.4	1.2	0.6
9:58 AM	2	7.34	7.3	1.2	0.59
10:01 AM	3	7.33	7.5	1.18	0.58
10:04 AM	3.55	7.31	7.7	1.19	0.59

OBSERVATIONS: Clear; No Shee; No Odor. Slight red/brown color. Turbidity 226.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

4.84

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	10:10 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	10:10 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

RW-1

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 1:55:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG-TLC

Weather: Sunny ~25°F Breezy

Others Present: None

EVACUATION:

Method: Submersible	Begin Time:	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet): 422
Static Water Level (Feet):			Groundwater Elevation (Feet):
Well Depth (Installed):		27.5	Well Depth (Measured):
Casing Diameter (Inches):		6	Volume Per Linear Foot (Gallon): 1.47
Water Column Length (Feet):			Well Casing Volume (Gallon):
Minimum Evac. Volume (3 Casings - Gallons):			Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time 1:55 PM		7.39	9.3	0.96	0.59

OBSERVATIONS: Sulfur odor. Turbidity 2.70. Sample taken from inside pump house.

SAMPLING:

Method: Submersible Pump

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO ₃	1:55 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:55 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

P-3D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG.TLC

Weather: ~10°F Sunny

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	1:45:00 PM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	418.37
Static Water Level (Feet):			5.35			Groundwater Elevation (Feet):	413.02
Well Depth (Installed):			15			Well Depth (Measured):	30.55
Casing Diameter (Inches):			2			Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):			9.65			Well Casing Volume (Gallon):	1.544
Minimum Evac. Volume (3 Casings - Gallons):			4.632			Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

Time	Volume Removed	pH	Temperature	Specific Conductivity	Other
1:50 PM	1.25	7.47	7.4	1.4	0.7
2:00 PM	3	7.35	8.6	1.4	0.7
2:05 PM	6	7.35	9.1	1.34	0.67
2:10 PM	9	7.31	9.6	1.31	0.65
2:15 PM	12	7.39	9.6	1.29	0.64

OBSERVATIONS: Slow to recover. No sheen; pale yellow color; no odor. Turbidity 25.4. Blind Dup taken for VOC and Metals from this Well.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.65

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:25 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:25 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-DT-1

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004 11:05:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Windy ~30°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:05:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet):
Static Water Level (Feet):		3.52	Groundwater Elevation (Feet):
Well Depth (Installed):			Well Depth (Measured): 18.2
Casing Diameter (Inches):		6	Volume Per Linear Foot (Gallon): 1.47
Water Column Length (Feet):			Well Casing Volume (Gallon):
Minimum Evac. Volume (3 Casings - Gallons):			Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	Other
Time		pH	Temperature		
11:10 AM	0.25	7.68	7.4	0.71	0.35
11:25 AM	0.75	7.56	8	0.7	0.35
11:37 AM	1.5	7.59	8.6	1.05	0.52
11:50 AM	2.25	7.56	8.4	1.2	0.6
11:55 AM	2.75	7.52	9.3	1.26	0.64

OBSERVATIONS: Rusty (yellow orange color); no sheen nor odor observed; No turbidity reading.

SAMPLING:

Method: Bailer	Water Level prior to Sampling (Feet): 4.12
-----------------------	---

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (Plus Ag and Se)	(1) 1 L Plastic	10% HNO3	11:55 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:55 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-8S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: 15°F Sunny

SEM Project No.: 30030050
Date: 2/23/2004 11:30:00 AM
SEM Representatives: MNG-TLC
Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	11:30:00	End Time:	11:45:00 AM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser	Top of PVC Elevation (Feet):		417.53
Static Water Level (Feet):			4.6		Groundwater Elevation (Feet):		412.93
Well Depth (Installed):			17		Well Depth (Measured):		17.6
Casing Diameter (Inches):			2		Volume Per Linear Foot (Gallon):		0.16
Water Column Length (Feet):			12.4		Well Casing Volume (Gallon):		1.984
Minimum Evac. Volume (3 Casings - Gallons):			5.952		Total Evac. Volume (Gallon):		
Evacuated to Dryness?							

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
11:34 AM	1.25	7.66	2.7	0.54	0.27
11:35 AM	2.5	7.53	3.3	0.67	0.33
11:37 AM	3.75	7.5	3.5	0.69	0.34
11:43 AM	5	7.49	3.6	0.72	0.36
11:45 AM	6.25	7.47	3.8	0.71	0.36

OBSERVATIONS: #7 Water turned red silty - clear at #9; Turbidity 65.5

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 4.42

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	11:45 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:45 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-8D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 11:00:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: 15°F Sunny

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:00:00	End Time: 11:30:00 AM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	416.72
Static Water Level (Feet):	4.02	Groundwater Elevation (Feet):	412.7
Well Depth (Installed):	30	Well Depth (Measured):	31
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	25.98	Well Casing Volume (Gallon):	4.1568
Minimum Evac. Volume (3 Casings - Gallons):	12.4704	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
11:08 AM	1.25	7.48	4.3	0.98	0.49
11:12 AM	3.25	7.42	5.6	0.97	0.48
11:17 AM	6.5	7.4	7.7	1.27	0.63
11:20 AM	9.75	7.39	8.1	1.27	0.64
11:26 AM	13	7.39	7.8	1.28	0.64

OBSERVATIONS: Turbidity 7.6: Yellow/Orange Color: No Sheen: No Odor

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

4.1

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	11:30 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:30 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-6S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~30°

SEM Project No.: 30030050
Date: 2/19/2004 12:35:00 PM
SEM Representatives: MNG
Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 2:35:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	419.07
Static Water Level (Feet):	4.49	Groundwater Elevation (Feet):	414.58
Well Depth (Installed):	15	Well Depth (Measured):	15.59
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	10.51	Well Casing Volume (Gallon):	1.6816
Minimum Evac. Volume (3 Casings - Gallons):	5.0448	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
2:35 PM	0.25	7.14	6.7	1.28	107.2
2:40 PM	1.75	7.19	6	1.07	62.8
2:45 PM	3.5	7.12	6.4	1.18	74.3
2:50 PM		7.12	6.7	1.23	750

OBSERVATIONS:

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:35 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:35 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-6D

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~35°F

SEM Project No.: 30030050
Date: 2/19/2004 2:05:00 PM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer	Begin Time:	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet): 418.87
Static Water Level (Feet):		4.42	Groundwater Elevation (Feet): 414.45
Well Depth (Installed):		25	Well Depth (Measured): 26.1
Casing Diameter (Inches):		2	Volume Per Linear Foot (Gallon): 0.16
Water Column Length (Feet):		20.58	Well Casing Volume (Gallon): 3.2928
Minimum Evac. Volume (3 Casings - Gallons):		9.8784	Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
	10.5	7.12	7.9	1.27	55
	7.5	6.93	8.3	1.28	
	5	6.79	8.3	1.28	
	2.5	6.58	7.6	1.27	
2:05 PM	0.25	6.02	4.8	1.24	

OBSERVATIONS:

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:30 PM
VOC (EPA Method 8260)	(3) 40 mL Vials	None	2:30 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-5S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 1:20:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Overcast ~0°

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	1:20:00 PM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			416.33
Static Water Level (Feet):			4.55	Groundwater Elevation (Feet):			411.78
Well Depth (Installed):			15	Well Depth (Measured):			16.55
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			10.45	Well Casing Volume (Gallon):			1.672
Minimum Evac. Volume (3 Casings - Gallons):			5.016	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
1:30 PM	1.5	7.22	5.2	0.8	0.39
1:32 PM	3	7.24	5.5	0.77	0.38
1:35 PM	4.5	7.3	5.6	0.76	0.38
1:40 PM	6.25	7.29	5.9	0.75	0.37

OBSERVATIONS: No sheen; No odor; Pale Yellow/Orange Color.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 4.85

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:40 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:40 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-5D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 1:47:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG TLC

Weather: Sunny 30°F Windy

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 1:47:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	410.39
Static Water Level (Feet):		Groundwater Elevation (Feet):	
Well Depth (Installed):		Well Depth (Measured):	
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):		Well Casing Volume (Gallon):	
Minimum Evac. Volume (3 Casings - Gallons):		Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

Time	Volume Removed	pH	Temperature	Specific Conductivity	Other
1:47 PM		7.5	8.7	0.96	0.48

OBSERVATIONS: No odor; Turbidity 1.52. Measurements and sample taken inside pump house.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:47 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:47 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-4S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~30°

SEM Project No.: 30030050
Date: 2/20/2004 3:30:00 PM
SEM Representatives: MNG TLC
Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	3:30:00 PM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			417.62
Static Water Level (Feet):			5.92	Groundwater Elevation (Feet):			411.7
Well Depth (Installed):			15	Well Depth (Measured):			17.13
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			9.08	Well Casing Volume (Gallon):			1.4528
Minimum Evac. Volume (3 Casings - Gallons):			4.3584	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
3:40 PM	1.25	7.36	5.2	0.8	0.4
3:45 PM	3.75	7.36	5.3	1.05	0.52
3:47 PM	5	7.25	5.3	1.08	0.54
3:52 PM	5.5	7.25	5.6	1.07	0.53

OBSERVATIONS: Gray - anaerobic.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 5.94

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	3:55 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:55 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-4D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/20/2004 3:40:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Overcast ~30°

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 3:40:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	416.68
Static Water Level (Feet):	6.25	Groundwater Elevation (Feet):	410.43
Well Depth (Installed):	28	Well Depth (Measured):	27.4
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	21.75	Well Casing Volume (Gallon):	3.48
Minimum Evac. Volume (3 Casings - Gallons):	10.44	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	Other
Time		pH	Temperature		
3:40 PM	1.5	7.37	5.7	1.49	0.74
3:45 PM	3.75	7.23	7.3	1.52	0.76
3:49 PM	7.25	7.22	7.9	1.53	0.76
3:55 PM	10	7.17	6.9	1.51	0.75

OBSERVATIONS: Turbidity 40.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	3:55 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:55 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-3S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~0°

SEM Project No.: 30030050
Date: 2/23/2004 8:41:00 AM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 8:41:00 AM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	418.37
Static Water Level (Feet):	5.2	Groundwater Elevation (Feet):	413.17
Well Depth (Installed):	15	Well Depth (Measured):	16.9
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	9.8	Well Casing Volume (Gallon):	1.568
Minimum Evac. Volume (3 Casings - Gallons):	4.704	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
8:05 AM	4.5	7.39	5.5	1.38	0.68
8:43 AM	1.25	7.34	5.6	1.39	0.69
8:48 AM	3	7.39	5.6	1.37	0.69
8:55 AM	5.75	7.4	6.1	1.37	0.68
9:00 AM	6	7.45	6.9	1.37	0.68

OBSERVATIONS: Light rusty color; no odor/no sheen. Turbidity 150.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 6.68

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO ₃	9:00 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	9:00 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-3D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 8:15:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather:

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	8:15:00 AM	End Time:	8:40:00 AM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			418.45
Static Water Level (Feet):			4.92	Groundwater Elevation (Feet):			413.53
Well Depth (Installed):			27	Well Depth (Measured):			28.15
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			22.08	Well Casing Volume (Gallon):			3.5328
Minimum Evac. Volume (3 Casings - Gallons):			10.5984	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
8:20 AM	1.25	7.06	4.5	1.74	0.84
8:23 AM	4.25	6.96	8.3	1.71	0.85
8:30 AM	8.75	6.98	8.2	1.73	0.87
8:35 AM	11.25	6.98	8.2	1.67	0.83

OBSERVATIONS: Rusty Brown Color. Turbidity 220.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.07

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	8:40 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	8:40 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-2S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/20/2004 2:45:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Overcast ~20°

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	2:45:00 PM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	417.98
Static Water Level (Feet):			5.97			Groundwater Elevation (Feet):	412.01
Well Depth (Installed):			15			Well Depth (Measured):	16.91
Casing Diameter (Inches):			2			Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):			9.03			Well Casing Volume (Gallon):	1.4448
Minimum Evac. Volume (3 Casings - Gallons):			4.3344			Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
2:50 PM	1.25	7.45	5.4	0.75	0.37
3:00 PM	3	7.33	5.6	0.83	0.41
3:10 PM	5.5	7.35	5.5	0.8	0.4

OBSERVATIONS: Turbidity - Er3, Cloudy/Red

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

6.76

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	3:10 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:10 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-2D

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~30°

SEM Project No.: 30030050
Date: 2/20/2004 2:40:00 PM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 2:40:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	417.89
Static Water Level (Feet):	5.76	Groundwater Elevation (Feet):	412.13
Well Depth (Installed):	25	Well Depth (Measured):	26.55
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	19.24	Well Casing Volume (Gallon):	3.0784
Minimum Evac. Volume (3 Casings - Gallons):	9.2352	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	Other
Time		pH	Temperature		
2:45 PM	1.25	7.36	5.8	1.55	0.77
2:53 PM	3.75	7.32	6.9	1.51	0.75
3:00 PM	6.25	7.36	7.7	1.48	0.74
3:15 PM	10	7.25	7.7	1.52	0.76

OBSERVATIONS:

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 5.86

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	3:15 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:15 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-17D

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Cloudy ~25°F

SEM Project No.: 30030050
Date: 2/24/2004 9:30:00 AM
SEM Representatives: MNG TLC
Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	9:30:00 AM	End Time:	10:02:00 AM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			416.54
Static Water Level (Feet):			3.93	Groundwater Elevation (Feet):			412.61
Well Depth (Installed):			34	Well Depth (Measured):			35.42
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			30.07	Well Casing Volume (Gallon):			4.8112
Minimum Evac. Volume (3 Casings - Gallons):			14.4336	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
	16.5	7.22	9.1	1.12	0.55
	14	7.22	8.9	1.09	0.55
9:35 AM	1.25	7.63	4.9	0.76	0.37
9:40 AM	3.75	7.32	8.7	1.08	0.54
9:45 AM	7.5	7.23	8.8	1.08	0.53
9:53 AM	11.25	7.25	8.3	1.11	0.55

OBSERVATIONS: Pale Brown slightly rusty; No Sheen; No Odor. Water clear for sample. Turbidity 4.83.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 4.55

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	10:00 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	10:00 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

WP-16D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 10:25:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: ~10°F Sunny

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 10:25:00	End Time:	PID-Well Headspace (ppm): NR
Reference Point:		Top of PVC Riser	Top of PVC Elevation (Feet): 420.7
Static Water Level (Feet):		4.1	Groundwater Elevation (Feet): 416.6
Well Depth (Installed):		30.5	Well Depth (Measured): 33.03
Casing Diameter (Inches):		2	Volume Per Linear Foot (Gallon): 0.16
Water Column Length (Feet):		26.4	Well Casing Volume (Gallon): 4.224
Minimum Evac. Volume (3 Casings - Gallons):		12.672	Total Evac. Volume (Gallon):
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
10:30 AM	4.25	7.59	5.3	0.97	0.49
10:35 AM	3.5	7.49	7.8	1.13	0.55
10:40 AM	7	7.44	8.5	1.17	0.59
10:45 AM	10.5	7.41	8.8	1.18	0.59
10:49 AM	14.25	7.38	9.2	1.19	0.59

OBSERVATIONS: Clear; No Sheen; No Odor. Turbidity 8.36

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 4.2

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO ₃	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-15S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 5:15:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~15°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	5:15:00 PM	End Time:	5:40:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:	Top of PVC Riser			Top of PVC Elevation (Feet):	416.74		
Static Water Level (Feet):	4.04			Groundwater Elevation (Feet):	412.7		
Well Depth (Installed):	15			Well Depth (Measured):	16.98		
Casing Diameter (Inches):	2			Volume Per Linear Foot (Gallon):	0.16		
Water Column Length (Feet):	10.96			Well Casing Volume (Gallon):	1.7536		
Minimum Evac. Volume (3 Casings - Gallons):	5.2608			Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
5:30 AM	6.25	7.65	5.8	0.7	0.35
5:20 PM	1.25	7.95	5.1	0.48	0.23
5:22 PM	3	7.77	5.4	0.58	0.28
5:25 PM	4.25	7.7	5.2	0.62	0.31

OBSERVATIONS: Rusty brown - sulfur odor; No Sheen. Turbidity 268,

SAMPLING:

Method:	Bailer	Water Level prior to Sampling (Feet):	4.12
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SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L. Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-15D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/23/2004 4:30:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG-TLC

Weather: ~10°F Sunny

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	4:30:00 PM	End Time:	5:35:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			417.47
Static Water Level (Feet):			4.41	Groundwater Elevation (Feet):			413.06
Well Depth (Installed):			30	Well Depth (Measured):			33.1
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			25.59	Well Casing Volume (Gallon):			4.0944
Minimum Evac. Volume (3 Casings - Gallons):			12.2832	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed		pH	Temperature	Specific Conductivity	Other
Time						

OBSERVATIONS: Bailer in Well. Pale Yellow Color - No Sheen; No Odor. Turbidity 35.8. Water level 15.8 at 1705.

SAMPLING:

Method:	Bailer	Water Level prior to Sampling (Feet):	4.49
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SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-10S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/20/2004

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG TLC

Weather: Overcast, Windy, 10°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:		End Time:		PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	417.48
Static Water Level (Feet):				4.49		Groundwater Elevation (Feet):	412.99
Well Depth (Installed):				17		Well Depth (Measured):	19.1
Casing Diameter (Inches):				2		Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):				12.51		Well Casing Volume (Gallon):	2.0016
Minimum Evac. Volume (3 Casings - Gallons):				6.0048		Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
	6.75	7.49	5.6	0.91	0.45
	4.25	7.45	5.8	0.86	0.43
	1.25	7.55	4.1	0.61	0.39

OBSERVATIONS: Turbidity 37.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

4.55

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

WP-10D

Client Name: NYSDEC Region 7

Project: Former NES Site

Description/Location: Canal Road, Canastota, NY

Weather: Overcast, Windy, 10°F

SEM Project No.: 30030050

Date: 2/20/2004 1:25:00 PM

SEM Representatives: MNG/TLC

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	1:25:00 PM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	417.15
Static Water Level (Feet):			3.57			Groundwater Elevation (Feet):	413.58
Well Depth (Installed):			29.5			Well Depth (Measured):	30.55
Casing Diameter (Inches):			2			Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):			25.93			Well Casing Volume (Gallon):	4.1488
Minimum Evac. Volume (3 Casings - Gallons):			12.4464			Total Evac. Volume (Gallon):	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
1:30 PM	1.25	7.78	5.1	0.8	0.39
1:35 PM	3.75	7.56	7.3	1.24	0.61
1:40 PM	7.5	7.48	7.6	1.41	0.68
1:45 PM	11.25	7.44	8.5	1.43	0.71
1:50 PM	12.75	7.41	8.6	1.4	0.7

OBSERVATIONS: Turbidity 1.7.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 3.63

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:50 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:50 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-9S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~10° Windy

SEM Project No.: 30030050
Date: 2/19/2004 4:00:00 PM
SEM Representatives: MNG/TLC
Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	4:00:00 PM	End Time:		PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			418.19
Static Water Level (Feet):			4.65	Groundwater Elevation (Feet):			413.54
Well Depth (Installed):			17	Well Depth (Measured):			18.04
Casing Diameter (Inches):			2	Volume Per Linear Foot (Gallon):			0.16
Water Column Length (Feet):			12.35	Well Casing Volume (Gallon):			1.976
Minimum Evac. Volume (3 Casings - Gallons):			5.928	Total Evac. Volume (Gallon):			
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
		7.58	3.4	0.83	0.41
	3.75	7.72	3.4	0.78	0.39
4:00 PM	1.25	7.53	4.5	0.8	0.4

OBSERVATIONS: At about 4' bailer catches - Turbidity 95.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:00 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:00 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-9D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/19/2004 3:30:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Overcast ~10° Windy

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 3:30:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	417.14
Static Water Level (Feet):	4.51	Groundwater Elevation (Feet):	412.63
Well Depth (Installed):	30	Well Depth (Measured):	31.45
Casing Diameter (Inches):	2	Volume Per Linear Foot (Gallon):	0.16
Water Column Length (Feet):	25.49	Well Casing Volume (Gallon):	4.0784
Minimum Evac. Volume (3 Casings - Gallons):	12.2352	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
3:30 PM	1.25	7.6	6.9	1.07	0.53
3:45 PM	3.75	7.52	8	1.12	0.57
4:00 PM	7.5	7.52	8.2	1.24	0.62
4:05 PM	11.25	7.2	8.3	1.26	0.63
4:10 PM	15.5	7.43	7.8	1.27	0.63

OBSERVATIONS: Turbidity 30

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:00 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:10 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-66S

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast Rain ~40

SEM Project No.: 30030050
Date: 3/2/2004 11:35:00 AM
SEM Representatives: MNG
Others Present: None

EVACUATION:

Method: Peristaltic	Begin Time: 11:35:00	End Time: 12:10:00 PM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	5.62	Groundwater Elevation (Feet):	
Well Depth (Installed):	16	Well Depth (Measured):	14.2
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	10.38	Well Casing Volume (Gallon):	0.42558
Minimum Evac. Volume (3 Casings - Gallons):	1.27674	Total Evac. Volume (Gallon):	0.6
Evacuated to Dryness?			

EVACUATION:

	Volume Removed			Specific Conductivity	
Time		pH	Temperature		Other
11:50 AM	0.05	7.12	4.8	1.49	0.74
12:10 PM	0.6	7.15	3.6	1.52	0.76

OBSERVATIONS: Silty-heavy residual in bucket; no sheen; no odor observed. Turbidity 883.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 5.62

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:50 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:50 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-65D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/2/2004 9:50:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Partly sunny ~45

Others Present: OP-Tech (John Witts) NYSDEC (C.

EVACUATION:

Method: Peristaltic **Begin Time:** 9:50:00 AM **End Time:** 11:10:00 AM **PID-Well Headspace (ppm):** NR
Reference Point: Top of PVC Riser **Top of PVC Elevation (Feet):**
Static Water Level (Feet): 6.2 **Groundwater Elevation (Feet):**
Well Depth (Installed): 32 **Well Depth (Measured):** 34.2
Casing Diameter (Inches): 1 **Volume Per Linear Foot (Gallon):** 0.041
Water Column Length (Feet): 25.8 **Well Casing Volume (Gallon):** 1.0578
Minimum Evac. Volume (3 Casings - Gallons): 3.1734 **Total Evac. Volume (Gallon):** 1.1
Evacuated to Dryness?

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
9:50 AM	0.05	7.12	3.7	1.44	0.72
11:10 AM	1.1	7.08	5.9	1.4	0.7

OBSERVATIONS: Medium brown silt; odor; no sheen observed; clearing upon recovery; Turbidity = 17.7

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 6.45

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:23 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:23 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-64S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/2/2004 8:00:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~40

Others Present: None

EVACUATION:

Method: Peristaltic	Begin Time: 8:00:00 AM	End Time: 8:50:00 AM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	5.46	Groundwater Elevation (Feet):	
Well Depth (Installed):	16	Well Depth (Measured):	14.05
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	10.54	Well Casing Volume (Gallon):	0.43214
Minimum Evac. Volume (3 Casings - Gallons):	1.29642	Total Evac. Volume (Gallon):	3
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
8:00 AM	1.6	7.14	4.6	2.38	1.17
8:50 AM	3	6.92	4.3	2.33	1.16

OBSERVATIONS: Medium brown silty; min. residual fine sand in bucket; sheen; odor; turbidity Er3; Nearly evacuated to dryness - allowed to recover.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.38

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	11:05 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:05 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
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MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-63S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 2:25:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG TLC

Weather: Sunny ~25°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 2:25:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	6.39	Groundwater Elevation (Feet):	
Well Depth (Installed):	12	Well Depth (Measured):	14.85
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	5.61	Well Casing Volume (Gallon):	0.23001
Minimum Evac. Volume (3 Casings - Gallons):	0.69003	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed		Specific Conductivity	
Time		pH		Other
2:50 PM		7.65	1.22	0.61

OBSERVATIONS: No sheen, no odor, too turbid to measure. Developed well - pump with peristaltic pump for ~20 minutes. Silty-Sand - no additional bailing.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

7

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:40 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:40 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID.

SEM-WP-62S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~25°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 2:40:00 PM	End Time: 3:30:00 PM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	6.43	Groundwater Elevation (Feet):	
Well Depth (Installed):	12	Well Depth (Measured):	14.85
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	5.57	Well Casing Volume (Gallon):	0.22837
Minimum Evac. Volume (3 Casings - Gallons):	0.68511	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed		Specific Conductivity	
Time		pH		Other
3:20 PM		7.68	1.1	0.54
		3.6		

OBSERVATIONS: No sheen, no odor, high turbidity - no reading. Developed well - pumped with peristaltic pump for ~15 minutes; no additional bailing.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 6.51

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	3:15 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:15 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID.

SEM-WP-61S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 3:00:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~25°F

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	3:00:00 PM	End Time:	3:45:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser	Top of PVC Elevation (Feet):		
Static Water Level (Feet):				6.5	Groundwater Elevation (Feet):		
Well Depth (Installed):				12	Well Depth (Measured): 14.85		
Casing Diameter (Inches):				1	Volume Per Linear Foot (Gallon): 0.041		
Water Column Length (Feet):				5.5	Well Casing Volume (Gallon): 0.2255		
Minimum Evac. Volume (3 Casings - Gallons):				0.6765	Total Evac. Volume (Gallon):		
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time 3:30 PM		7.66	4.5	1.39	0.69

OBSERVATIONS: No sheen, no odor, very silty, lots of mf sand. Develop well-pump with peristaltic pump for ~20 minutes; no additional bailing.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 6.77

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO ₃	3:30 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:30 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-60S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/25/2004 3:15:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG/TLC

Weather: Sunny ~25°F

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 3:15:00 PM	End Time: 3:50:00 PM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	7	Groundwater Elevation (Feet):	
Well Depth (Installed):	12	Well Depth (Measured):	14.85
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	5	Well Casing Volume (Gallon):	0.205
Minimum Evac. Volume (3 Casings - Gallons):	0.615	Total Evac. Volume (Gallon):	
Evacuated to Dryness?			

EVACUATION:

	Volume Removed		pH	Temperature	Specific Conductivity	Other
Time						
3:45 PM			7.6	4.5	1.39	0.66

OBSERVATIONS: No sheen, no odor, turbidity too high to read. Developed well - pump using peristaltic pump for 0.5 hours. No additional bailing.

SAMPLING:

Method: Bailer	Water Level prior to Sampling (Feet): 7.02
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SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO ₃	3:40 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:40 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID:

SEM-WP-58D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004 8:20:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Windy ~30

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	8:20:00 AM	End Time:	8:45:00 AM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			
Static Water Level (Feet):			4.29	Groundwater Elevation (Feet):			
Well Depth (Installed):			31.9	Well Depth (Measured):		33.15	
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):		0.041	
Water Column Length (Feet):			27.61	Well Casing Volume (Gallon):		1.13201	
Minimum Evac. Volume (3 Casings - Gallons):			3.39603	Total Evac. Volume (Gallon):		3.6	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
8:20 AM	0.8	7.13	5.6	0.74	0.37
8:25 AM	0.25	7.12	6.3	0.46	0.22
8:30 AM	0.5	7.17	9.2	0.6	0.3
8:45 AM	1.75	7.16	10.1	0.8	0.39
8:50 AM	2.5	7.22	10.5	0.91	0.45
8:55 AM	3.25	7.24	10.3	0.95	0.74
9:00 AM	3.55	7.25	10.2	0.98	0.49

OBSERVATIONS: Stickup 36"; Slightly silty; no sheen nor odor observed.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.01

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	8:45 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	8:45 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-56S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/2/2004 2:40:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast Breezy ~40

Others Present: None

EVACUATION:

Method: Peristaltic	Begin Time: 2:40:00 PM	End Time: 3:20:00 PM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	5.64	Groundwater Elevation (Feet):	
Well Depth (Installed):	16	Well Depth (Measured):	13.92
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	10.36	Well Casing Volume (Gallon):	0.42476
Minimum Evac. Volume (3 Casings - Gallons):	1.27428	Total Evac. Volume (Gallon):	4.5
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
2:40 PM	1	7.7	2.8	0.23	0.11
3:10 PM	4.5	7.76	2.4	0.21	0.1

OBSERVATIONS: Silty - medium brown; no odor; no sheen.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.77

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	3:20 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	3:20 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-55S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/2/2004 3:30:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Partly sunny breezy ~40

Others Present: None

EVACUATION:

Method: Peristaltic	Begin Time: 3:30:00 PM	End Time: 3:45:00 PM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	4.93	Groundwater Elevation (Feet):	
Well Depth (Installed):	16	Well Depth (Measured):	15.2
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	11.07	Well Casing Volume (Gallon):	0.45387
Minimum Evac. Volume (3 Casings - Gallons):	1.36161	Total Evac. Volume (Gallon):	1.5
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
3:30 PM		7.22	2.4	0.97	0.48
3:55 PM	1.5	7.1	5	1.27	0.64

OBSERVATIONS: Silty; slight petroleum odor; no sheen observed. Too turbid.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 5.37

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:25 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:25 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-54S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/4/2004 1:35:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~30

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	1:35:00 PM	End Time:	1:55:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser	Top of PVC Elevation (Feet):		
Static Water Level (Feet):				3.19	Groundwater Elevation (Feet):		
Well Depth (Installed):				16	Well Depth (Measured): 12.89		
Casing Diameter (Inches):				1	Volume Per Linear Foot (Gallon): 0.041		
Water Column Length (Feet):				12.81	Well Casing Volume (Gallon): 0.52521		
Minimum Evac. Volume (3 Casings - Gallons):				1.57563	Total Evac. Volume (Gallon): 1.2		
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
1:38 PM	0.05	7.37	3.6	0.55	0.27
1:40 PM	0.5	7.24	5.8	0.93	0.46
1:44 PM	1	7.26	6.7	1.14	0.57
1:50 PM	24	7.3	6.9	1.15	0.57

OBSERVATIONS: Turbidity Er 3

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 2.53

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	2:10 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	2:10 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-53S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/4/2004 1:25:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	1:25:00 PM	End Time:	1:35:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			
Static Water Level (Feet):			2.64	Groundwater Elevation (Feet):			
Well Depth (Installed):			16	Well Depth (Measured):		10.46	
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):		0.041	
Water Column Length (Feet):			13.36	Well Casing Volume (Gallon):		0.54776	
Minimum Evac. Volume (3 Casings - Gallons):			1.64328	Total Evac. Volume (Gallon):		1	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
1:25 PM	0.05	7.18	2.9	1.35	0.67
1:35 PM	0.5	7.18	5.1	1.31	0.65

OBSERVATIONS: Silty; sheen; moderate to strong petroleum odor. Stickup 16".

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet): 2.75

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:55 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:55 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-52S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/4/2004 12:50:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~35

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	12:50:00	End Time:	1:20:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser		Top of PVC Elevation (Feet):	
Static Water Level (Feet):				3.16		Groundwater Elevation (Feet):	
Well Depth (Installed):				16		Well Depth (Measured):	11.86
Casing Diameter (Inches):				1		Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):				12.84		Well Casing Volume (Gallon):	0.52644
Minimum Evac. Volume (3 Casings - Gallons):				1.57932		Total Evac. Volume (Gallon):	1.1
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
12:55 PM	0.05	7.18	4.3	1.31	0.65
1:00 PM	0.5	7.22	6.4	1.4	0.7
1:13 PM	1.1	7.27	7.2	1.43	0.71

OBSERVATIONS: Silty; no sheen; no odor; too turbid to screen. Stickup 16".

SAMPLING:

Method:	Bailer	Water Level prior to Sampling (Feet):	3.27
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SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	1:20 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	1:20 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-51S

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/4/2004

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~30

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	11:50:00	End Time:	12:15:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:				Top of PVC Riser	Top of PVC Elevation (Feet):		
Static Water Level (Feet):				2.7	Groundwater Elevation (Feet):		
Well Depth (Installed):				20	Well Depth (Measured):		12.95
Casing Diameter (Inches):				1	Volume Per Linear Foot (Gallon):		0.041
Water Column Length (Feet):				17.3	Well Casing Volume (Gallon):		0.7093
Minimum Evac. Volume (3 Casings - Gallons):				2.1279	Total Evac. Volume (Gallon):		1.3
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
11:55 AM	0.1	7.29	3.9	1.15	0.57
12:00 PM	0.25	7.12	3.4	1.27	0.62
12:05 PM	0.75	6.9	4.9	1.57	0.78
12:12 PM	1.3	6.76	5.9	2.02	1.01

OBSERVATIONS: Silty; no sheen; petroleum odor; too turbid. Stickup 7".

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

3.33

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	12:25 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	12:25 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-50D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 2/2/2004 4:00:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~40 Windy

Others Present: None

EVACUATION:

Method:	Bailer	Begin Time:	4:00:00 PM	End Time:	4:25:00 PM	PID-Well Headspace (ppm):	NR
Reference Point:			Top of PVC Riser	Top of PVC Elevation (Feet):			
Static Water Level (Feet):			3.15	Groundwater Elevation (Feet):			
Well Depth (Installed):			31	Well Depth (Measured):		21.6	
Casing Diameter (Inches):			1	Volume Per Linear Foot (Gallon):		0.041	
Water Column Length (Feet):			27.85	Well Casing Volume (Gallon):		1.14185	
Minimum Evac. Volume (3 Casings - Gallons):			3.42555	Total Evac. Volume (Gallon):		4	
Evacuated to Dryness?							

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
4:00 PM	0	7.14	3.7	1.8	0.9
4:25 PM	4	7.04	6.9	1.76	0.88

OBSERVATIONS: Silty with fine sand; no odor or sheen; couldn't clean out well due to fine flowing sands; too turbid.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

5.43

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	4:45 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	4:45 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well I.D.

SEM-WP-49D

Client Name: NYSDEC Region 7
Project: Former NES Site
Description/Location: Canal Road, Canastota, NY
Weather: Overcast ~30°

SEM Project No.: 30030050
Date: 3/3/2004
SEM Representatives: MNG
Others Present: None

EVACUATION:

Method: Bailer **Begin Time:** 4:40:00 PM **End Time:** 5:10:00 PM **PID-Well Headspace (ppm):** NR
Reference Point: Top of PVC Riser **Top of PVC Elevation (Feet):**
Static Water Level (Feet): 2.64 **Groundwater Elevation (Feet):**
Well Depth (Installed): 24 **Well Depth (Measured):** 24.1
Casing Diameter (Inches): 1 **Volume Per Linear Foot (Gallon):** 0.041
Water Column Length (Feet): 21.36 **Well Casing Volume (Gallon):** 0.87576
Minimum Evac. Volume (3 Casings - Gallons): 2.62728 **Total Evac. Volume (Gallon):** 1.5
Evacuated to Dryness?

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
4:40 PM	0.05	7.36	4.6	1.69	0.84
4:50 PM	0.25	7.31	6.1	1.69	0.84
5:10 PM	0.5	7.09	9.6	1.53	0.75

OBSERVATIONS: Too turbid. Slow to recover, left overnight. Samples collected 3/4/04 at 11:00 am.

SAMPLING:

Method: Bailer **Water Level prior to Sampling (Feet):** 4.21

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	11:00 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:00 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs
Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID.

SEM-WP-48D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004 5:10:00 PM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~25°

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 5:10:00 PM	End Time:	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	2.88	Groundwater Elevation (Feet):	
Well Depth (Installed):	24	Well Depth (Measured):	12.98
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	21.12	Well Casing Volume (Gallon):	0.86592
Minimum Evac. Volume (3 Casings - Gallons):	2.59776	Total Evac. Volume (Gallon):	1
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
5:10 PM	0.04	7.34	3.5	1.92	0.96
5:15 PM	0.5	6.99	5.6	1.85	0.92

OBSERVATIONS: Silty, sulfur/anaerobic odor; too silty to measure turbidity; slow to recover left overnight. Samples collected on 3/4/04 at 11:20am.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

2.89

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	11:20 AM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	11:20 AM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM

**STRATEGIC
ENVIRONMENTAL
MANAGEMENT, INC.**

MONITORING WELL SAMPLING LOG

Monitoring Well ID.

SEM-WP-47D

Client Name: NYSDEC Region 7

SEM Project No.: 30030050

Project: Former NES Site

Date: 3/3/2004 11:25:00 AM

Description/Location: Canal Road, Canastota, NY

SEM Representatives: MNG

Weather: Overcast ~25°

Others Present: None

EVACUATION:

Method: Bailer	Begin Time: 11:25:00	End Time: 11:45:00 AM	PID-Well Headspace (ppm): NR
Reference Point:	Top of PVC Riser	Top of PVC Elevation (Feet):	
Static Water Level (Feet):	2.88	Groundwater Elevation (Feet):	
Well Depth (Installed):	32	Well Depth (Measured):	12.88
Casing Diameter (Inches):	1	Volume Per Linear Foot (Gallon):	0.041
Water Column Length (Feet):	29.12	Well Casing Volume (Gallon):	1.19392
Minimum Evac. Volume (3 Casings - Gallons):	3.38176	Total Evac. Volume (Gallon):	1
Evacuated to Dryness?			

EVACUATION:

	Volume Removed	pH	Temperature	Specific Conductivity	Other
Time					
11:32 AM	0.1	7.03	3.7	2.07	1.03
11:40 AM	0.5	6.82	4.1	2.29	1.14
11:45 AM	1	6.96	4.9	2.04	1.02

OBSERVATIONS: Silty, odor of sulfur, no sheen, solvent odor upon sample collection. Turbidity too silty. Stickup 7.25". Allowed to recover prior to sampling.

SAMPLING:

Method: Bailer

Water Level prior to Sampling (Feet):

3.19

SAMPLES COLLECTED:

Target Analysis	Container	Preservation	Time of Collection
Total Metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni)	(1) 1 L Plastic	10% HNO3	12:15 PM
VOC (EPA Method 8260)	(2) 40 mL Vials	1:1 HCl/4°C	12:15 PM

Laboratory: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Containers Provided By: VOC-NYSDEC In-House Lab; Metals-Life Science Labs

Shipment/Delivery Method: Delivery by SEM