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**Northeastern Environmental  
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**FAX**

**To:** Mr. Bill Blaine DEC Region 4

**From:** Jeffrey T. Wink – President

**Fax:** (518) 357-2045

**Pages:** 1

**Phone:** (518) 357-2398

**Date:** 09/10/02

**Re:** 160 Fairview Plaza Hudson, NY

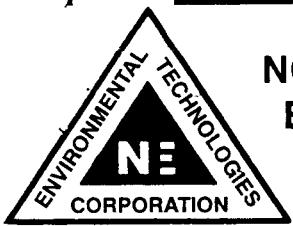
**CC:** Mr. Anthony Fabiano Fairview Plaza

(Spill Case #0204750)

**Urgent**     **For Review**     **Please Comment**     **Please Reply**     **Please Recycle**

- **Comments:** I have enclosed in the mail today our supplemental report of findings for the above noted site. Please call me to discuss the site conditions and the remedial services that are advocated at this time. The NETC organization and I remain available to assist you and the DEC with this important matter.

*Report  
#2*



# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

P.O. BOX 2167 • MALTA, NEW YORK 12020  
518/899-9684

September 10, 2002  
Mr. Anthony Fabiano  
65 Maple Avenue  
Hudson, New York 12534

## ***RE: FAIRVIEW PLAZA HUDSON, NY SITE (SPILL CASE # 0204750)***

Dear Mr. Fabiano:

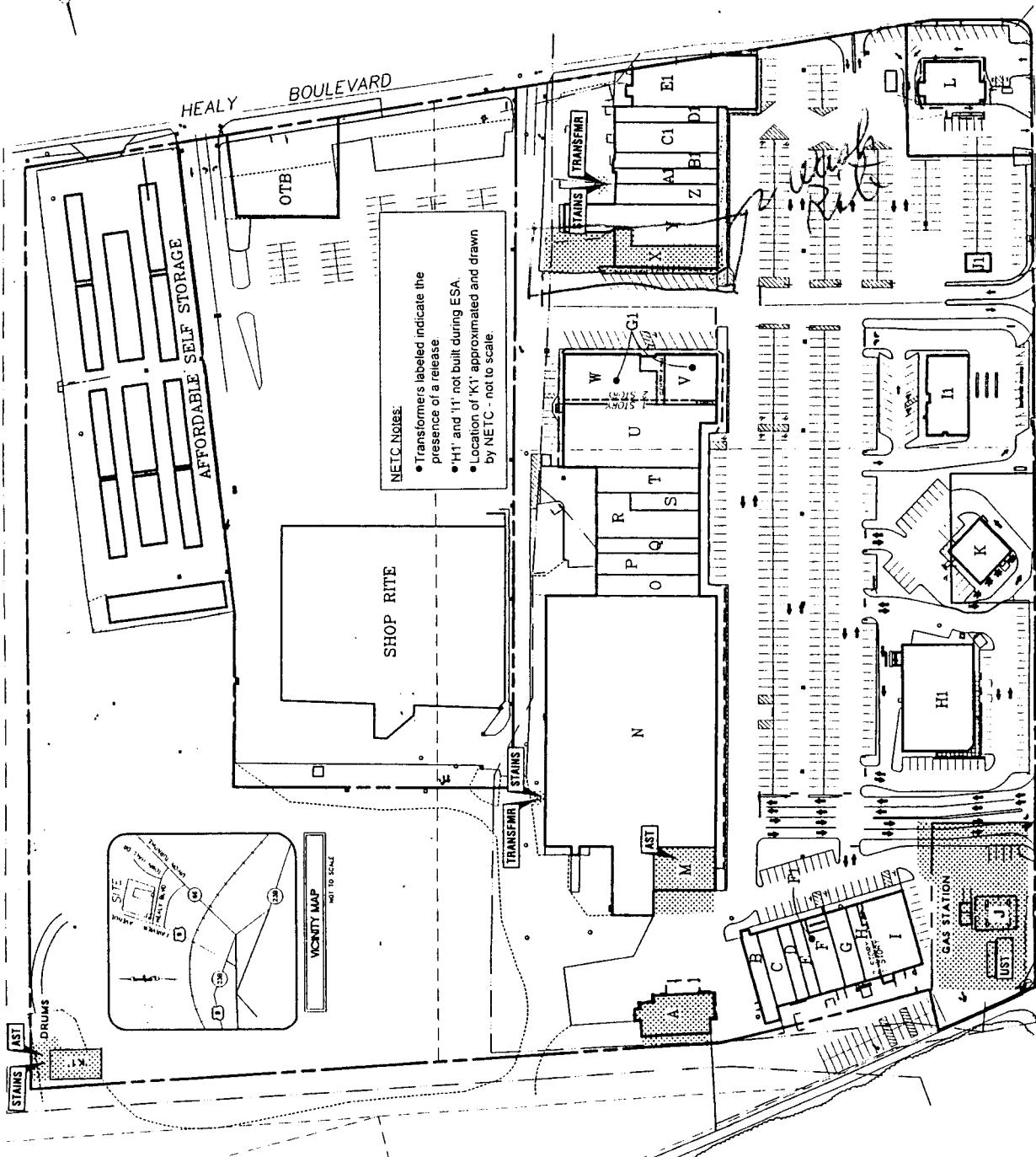
This report is intended to further qualify the soil and groundwater condition that exists at the above noted site. This information is intended to update you and the NYS Department of Environmental Conservation (DEC) of the extent to which chlorinated organic chemical contaminants exist in the areas surrounding the Wash Rite Laundry Facility (see **Figure 1**). The findings developed during this subsurface investigation (SI) are also intended to direct the anticipated remedial measures considered necessary to correct the recognized environmental conditions documented in NETC's July 29, 2002 report entitled Limited Subsurface Investigation Fairview Plaza Hudson, NY. A more complete accounting of the activities completed during this SI are included below for consideration.

### **METHODOLOGIES**

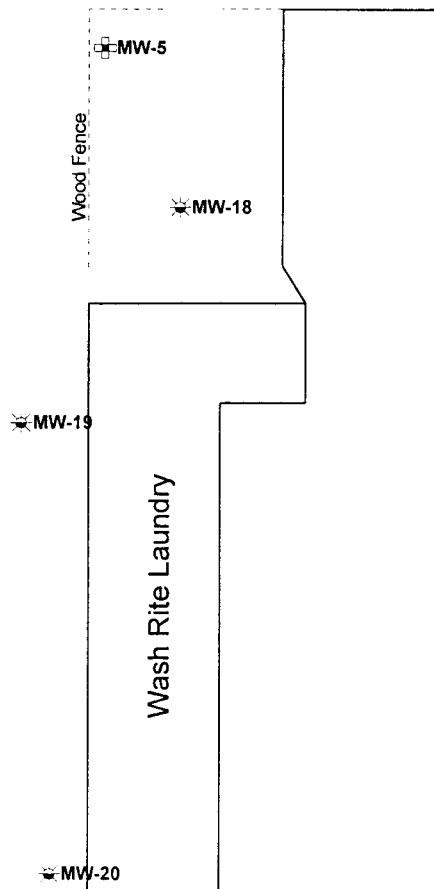
#### **SOIL BORING PROGRAM**

From August 5 to 7, 2002 four soil borings (i.e., B18 - 21) were installed in the immediate areas surrounding the Wash Rite facilities retail space. The soil borings were installed to depths ranging from  $\pm$  19.0 - 27.0 feet below grade to facilitate the acquisition of soil samples and permit the installation of permanent groundwater monitoring wells. The monitoring wells (i.e., MW18 - 21) were installed to facilitate the collection of additional groundwater samples in an effort to define the areal extent of the chlorinated organic dry cleaning chemicals previously identified adjacent to the rear entrance of the Wash Rite facility. Soil borings MW18 - 21 were installed using hollow stem auger drilling techniques (HSA) using NETC's Mobile B-53 drilling equipment. NETC performed all aspects of the soil boring and was responsible for detailed logging of all samples. All soil cuttings generated as a result of this work was containerized and staged on site in 17H salvage drums. **Figure 2** illustrates the relative locations of the individual wells installed during this SI.

**FIGURE 1**



| N. Y. S. HIGHWAY ROUTE U.S. 9  
| FAIRVIEW AVENUE  
| FAIRVIEW PLAZA



#### LEGEND

- HSA Boring / 2-inch PVC Monitoring Well Location
- DPT Boring / 1-inch PVC Monitoring Well Location

#### Notes:

- Map based on Hershberg & Hersberg map no. 000277 dated 9/27/00, revised 10/5/00.
- Well location based on field measurements.
- Elevations are in feet and based on a datum of 100.0 feet.

<b>NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.</b> 2381 Route 9, P.O. Box 2167, Malta, NY 12020 Phone: (518) 899-9684 Fax: (518) 899-5973 e-mail: jwink@altglobal.net		
<b>FIGURE 2: Wash Rite Facility Soil Boring Location Map</b> <b>PROJECT: 160 Fairview Plaza Hudson, New York</b>		
Project # 02.05244	Scale: 1" = 40.0'	Date: 8-13-02

MR. ANTHONY FABIANO  
SEPTEMBER 10, 2002

Soil Samples obtained during the drilling services were examined and described using the Modified Burmister and Unified Soil Classification Systems. Samples were retained in glass jars sealed with aluminum foil-lined screw top lids. In compliance with ASTM methods, the sample jars were labeled with the following information: job designation, boring number, sample number, depth of sample, depth penetration record and length of recovery.

As part of the subsurface investigative program, NETC performed head space volatile organic compound (VOC) soil gas analysis on all soil samples obtained during the soil boring services. A properly calibrated photo ionization detector (PID - PhotoVac Model 2020) was used for the testing work. Photoionization uses ultraviolet light to ionize many trace compounds (especially organic) and the Model 2020 employs this principal to measure the concentration of trace gasses. In the Model 2020, a chamber adjacent to the ultraviolet light source contains a pair of electrodes. When a positive potential is applied to one electrode, the field created drives any ions in the chamber to the collector electrode where current is measured. Measured current is proportional to the concentration of organic's sampled by the instrument's probe. Useful range of the instrument is from 0.1 to 2,000 ppm. Direct VOC soil gas measurements were obtained from the headspace of each soil sample collected. VOC measurements were recorded on a  $\pm$  2.0 interval. The results of the testing work was used to determine the presence and vertical extent of chemical contamination. The VOC data was also used to short list samples for additional laboratory analysis. The results of the PID soil gas analysis are included on the individual boring logs included in **Attachment A**.

Eleven soil samples, B-18/S1-S8, B-19/S-5, B-20/S-5, and B-21/S-5 were submitted to Hudson Environmental Services (HES) for laboratory analysis via EPA Method SW846-8021B (halogenated compounds) testing criteria. The soil samples selection process was based on the presence of elevated VOC soil gas levels and / or at soil samples collected at the surface of the shallow groundwater table.

One composite soil sample was also collected from a series of stain unimproved surfaces previously identified adjacent to the facilities maintenance building. The soil sample was submitted to HES for chemical analysis via Albany County Landfill Parameters to facilitate the disposal facilities 6NYCRR PART 360 Permit reporting requirements.

#### **MONITORING WELL INSTALLATION PROGRAM**

The monitoring wells installed during this investigation are composed of two basic components; the well screen and the riser or blank. The well screen is the intake portion of the monitoring well. The basic purpose of the riser is to provide storage and a connection to the surface from the well screen. The monitoring wells installed consist of 2-inch, threaded, flush joint, schedule 40 PVC pipe with either 10 or 12 feet of 0.010 inch slotted well screen. The annular space around the well screen and  $\pm$  2.0 foot above has been filled with sand pack (0.010 grade). A bentonite seal has been installed above the sand pack, and the remainder of the borehole was filled with clean cutting and cement.

MR. ANTHONY FABIANO  
SEPTEMBER 10, 2002

A cement seal and road box were installed over the wells for protection. The general construction details for the wells installed during this work are listed below for consideration:

Boring No.	Depth (ft.)	Well No.	Screen Interval (ft.)
B-18	15.01	MW-18	3.01'-15.01'
B-19	13.65	MW-19	3.65'-13.65'
B-20	27.55	MW-20	17.55'-27.55'
B-21	22.82	MW-21	12.82'-22.82'

NETC personnel have performed all aspects of the drilling and monitoring well installation, and has been responsible for detailed logging of all samples. Copies of the well completion logs are included in **Attachment B**

#### **WELL DEVELOPMENT**

The monitoring wells were developed on August 8, 2002. Well development is considered necessary for the following reasons:

- To remove residual mud and formation silt and clay, thereby preventing turbidity during sampling that could potentially interfere with chemical analysis; and,
- To increase the hydraulic conductivity immediately around the well, which in turn reduces the potential of the well yielding an insufficient volume of water during the sampling procedure.

Dedicated PVC bailers were used as a surge-block devise for loosening the fine-grained material from the well annulus, and as a mechanism to remove the water and sediment from the well. The surging was assisted by rapidly raising and lowering the bailer within the screen section. The bailing activities were continued until the water sufficiently cleared or five well volumes of water had been removed. All development water generated as a result of this work was containerized and staged on site in 17H salvage drums.

#### **GROUNDWATER SAMPLING PROCEDURES**

On August 13, 2002 groundwater samples were collected from monitoring wells MW-5, MW-18, MW-19, MW-20 and MW-21. Prior to any water sample collection, static water levels and free product levels were measured to the nearest one-hundredth of a foot in each monitoring well.

Groundwater sampling occurred when a sufficient volume of water had recovered (i.e.,  $\geq 90\%$  ). Sampling was performed by new unused bottom filled, check valve PVC bailers using monofilament to lower and raise the bailer. All sample containers and preservatives were provided by Hudson Environmental Services (HES).

MR. ANTHONY FABIANO  
SEPTEMBER 10, 2002

The samples were maintained at a temperature of 4°C by commercially available (pre-frozen) "ice-packs" and appropriate holding and transportation times were followed.

All samples were collected in such a manner as to minimize agitation and other disturbing conditions that may cause physio-chemical changes and bring about losses due to volatilization, adsorption, redox changes or degradation. All non-dedicated sampling equipment was cleaned according to the following protocol: warm detergent wash, tap water rinse & distilled water rinse.

Each of the groundwater samples were analyzed for the chlorinated chemical compounds of concern via EPA Method SW846-8021B testing criteria. Formal chain of custody documentation was maintained throughout the shipment of samples to the laboratory. Observations were also made and recorded regarding weather and surrounding air/water/soil conditions, non-aqueous components of well water (e.g. "floaters," surface sheen's) and any other pertinent field conditions.

## **FINDINGS**

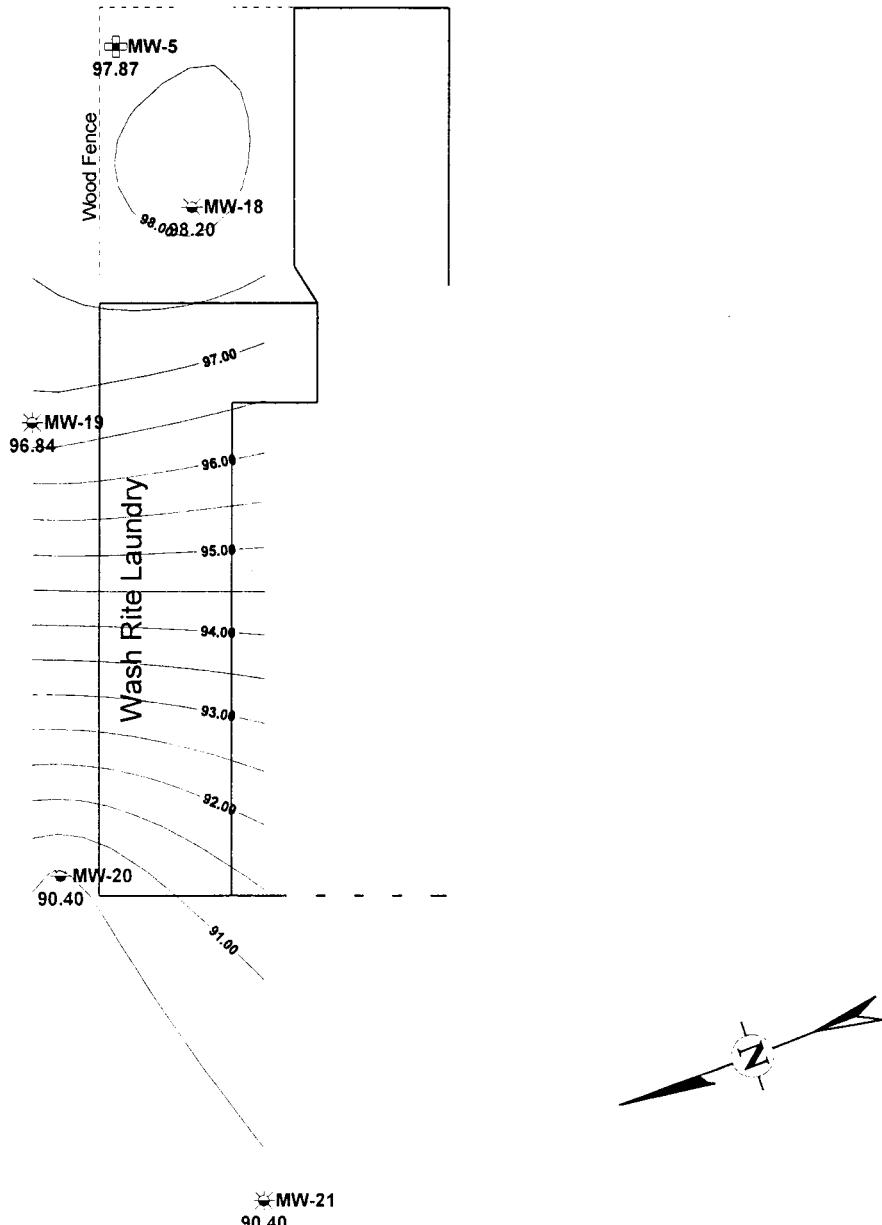
### **GEOLOGIC CONDITIONS**

The results obtained from the soil boring program identify unconsolidated deposits as in descending order, brown medium to fine sand, silt, and clay overlaying a dense glaciolacustrine varved clay. Groundwater was encountered in soil boring B-18, B-19 at  $\pm$  5.0 feet and B-20, B-21 at  $\pm$  12.0 feet. The soil boring data generally corresponds with previous soil and groundwater data assimilated during the July 2002 SI.

With the exception of surface stained soil surrounding the maintenance facility, no visual or olfactory indication of chemical contamination were noted during the soil borings services. Low level VOC's were documented at soil boring B-18 in the 0.0 - 2.0 feet soil horizon. VOC concentrations recorded in the 0.0 - 2.0 foot soil profile ranged from  $\pm$  13.0 to 19.0 ppm. The balance of the soil boring PID data identify background conditions across the site.

### **HYDROGEOLOGY**

Groundwater elevations established on August 13, 2002 range from 90.40 feet (MW-20) to 98.20 feet (MW-18). No measurable non-aquous phase liquid (NAPL) was documented in the network of monitoring wells. The apparent flow direction in the vicinity of the Wash Rite facility is northwest (see **Figure 3**). The apparent groundwater flow across the entire site is to the west towards the Hudson River (see **Figure 4**). An apparent groundwater gradient has been estimated at  $5.65 \times 10^{-2}$  ft/ft within the field of monitoring wells located around the Wash Rite facility.



#### LEGEND

- ☀ 2-inch PVC Monitoring Well Location
- ▣ 1-inch PVC Monitoring Well Location



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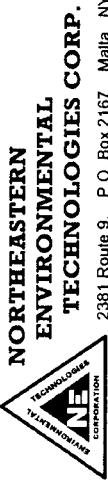
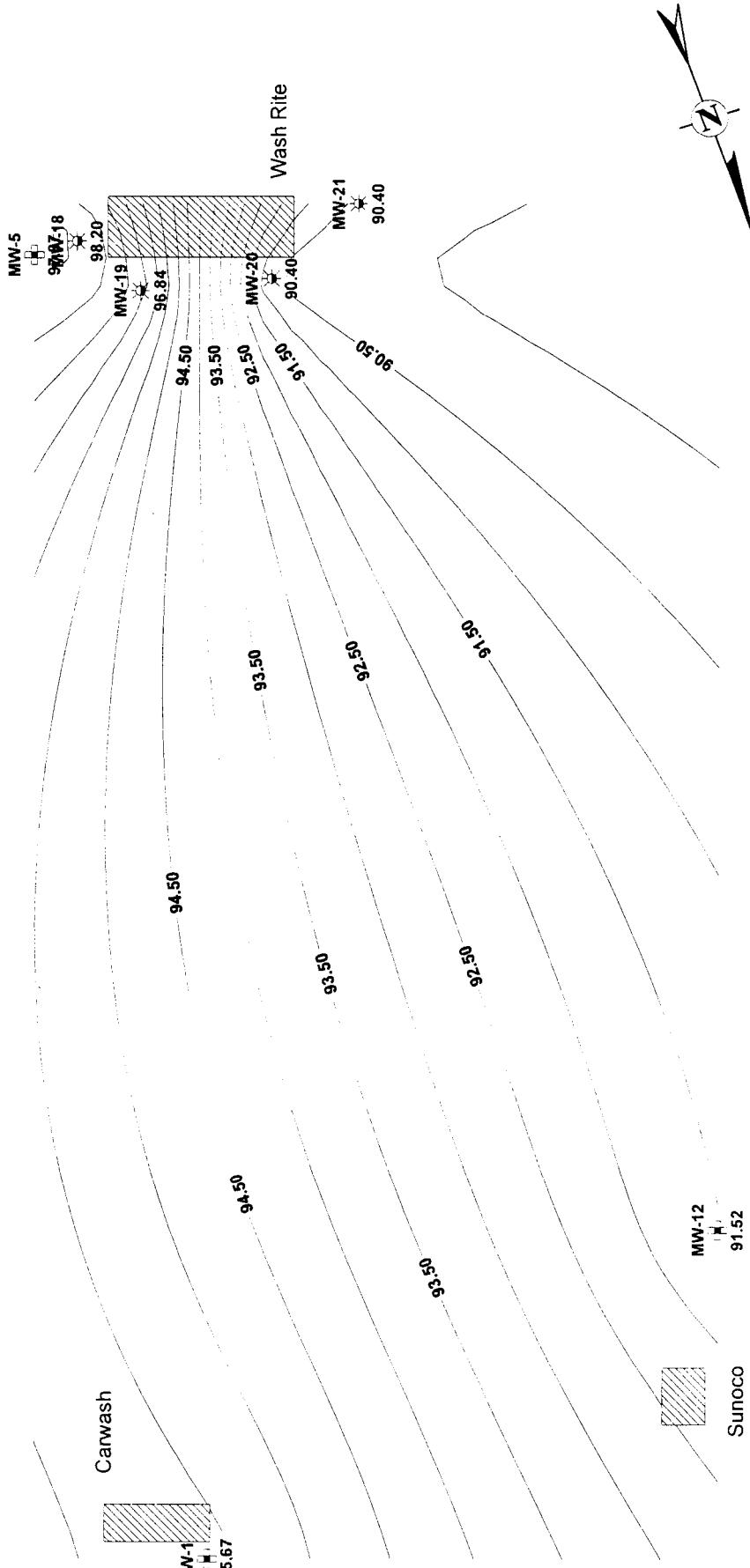
#### Notes:

- Map based on Hershberg & Hersberg map no. 000277 dated 9/27/00, revised 10/5/00.
- Well location based on field measurements.
- Elevations are in feet and based on a datum of 100.0 feet.

**FIGURE 3: Groundwater Elevation Map - Wash Rite Facility**

**PROJECT: 160 Fairview Plaza Hudson, New York**

Project # 02.05244	Scale: 1" = 40.0'	Date: 8-13-02
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**FIGURE 4: FairView Plaza Groundwater Elevation Map**

**PROJECT: 160 Fairview Plaza Hudson, New York**

Project # 02.05244

Date: 8-13-02

#### LEGEND

- HSA Boring / 2-inch PVC Monitoring Well Location
- DPT Boring / 1-inch PVC Monitoring Well Location

#### Notes:

- Map based on Hershberg & Hersberg map no. 000277 dated 9/27/00, revised 10/5/00.
- Well location based on field measurements and are to scale.
- Elevations are in feet and based on a datum of 100.0 feet.
- Building size and location exaggerated for illustration purposes.

An apparent average groundwater velocity (i.e., bulk motion of groundwater; a/k/a advection, convection or linear groundwater velocity  $V_{GW} = KI/\theta_E$ ) of  $2.0 \times 10^{-5}$  ft/day, has been computed for the subject area assuming an average hydraulic conductivity (K) of  $1.065 \times 10^{-3}$  gpd/ft<sup>2</sup> and an effective porosity of 40%.

This assessment of the sites hydrogeologic characteristics should be considered a generalization only. The  $V_{GW}$  estimation has not considered partitioning effects (sorption), biodegradation and / or, hydrodynamic dispersion, all of which will influence the transport of dissolved contaminants. Seasonal variations in the groundwater table have not been incorporated in this assessment.

#### **LABORATORY RESULTS**

Soil samples B-18/S-5, S-6, & S-8, B-19/S-5, B-20/S-5 and B-21/S-5 were each reported by HES as unaffected by the chemical compounds of concern inherent to EPA Method SW846-8021B. Conversely, soil samples collected from B-18/S-1, S-2, S-3, S-4 and S-7 identified the presence of cis-1,2-Dichloroethene, Trichloroethene(TCE) and Tetrachloroethene(PERC). Tetrachlorethene reported in B-18/S-1 was identified above the TAGM #4046 soil clean up objectives. VOC contaminant levels reported in soil samples B-18/S-2, S-3, S-4 and S-7 were each below the TAGM #4046 soil clean up objectives. Surface soil samples collected adjacent to the maintenance facility were reported as containing 12,608 ppm total petroleum hydrocarbons (TPH). The reported TPH levels are within acceptable concentrations to permit the disposal of the petroleum impacted soil at the City of Albany Rapp Rd. Landfill. Copies of the HES soil quality reports are included in **Attachment C**.

Groundwater samples collected at MW-19, MW-20 and MW-21 were reported by HES as unaffected by the chemical compounds of concern inherent to EPA Method SW846-8021B. Groundwater samples collected at MW-5 and MW-18 were each reported as containing low concentrations of cis-1,2-Dichloroethene. Vinyl Chloride, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, Trichloroethene (TCE), and Tetrachloroethene (PERC) were also reported in the MW-18 groundwater sample. Vinyl Chloride, cis-1,2-Dichloroethene, TCE and PERC concentrations at MW-18 exceed the DEC's 6NYCRR Part 703 water quality standards. A comparison of the July and August 2002 groundwater quality data identify a reduction in total chlorinated organic concentrations. A copy of the HES groundwater quality report has been included in **Attachment D**.

#### **CONCLUSION**

The completed SI services performed to date have found the majority of the areas of the site evaluated during this SI to be unaffected by near surface soil and / or groundwater contamination. The soil quality data generated thus far suggests the

MR. ANTHONY FABIANO  
SEPTEMBER 10, 2002

chlorinated organic dry cleaning contaminants of concern are localized to the rear entrance of the Wash Rite facility. The available soil quality data suggests the chlorinated contamination to be localized and limited to the 0.0 to 6.0 foot soil horizon.

Similarly, the groundwater chemistry in this portion of the site suggest an aged ground surface release of the compound PERC. The existing network of monitoring wells surrounding the Wash Rite facility suggest the groundwater contaminants of concern to be localized to the rear of the facility.

## DISCUSSION

Based on the SI information developed thus far, it is the opinion of the firm that a focused near soil removal program remains a viable means to remove, were possible, the surface chemical contaminants of concern identified at the rear entrance of the Wash Rite facility and adjacent to the maintenance garage. Based on the available soil boring information, and considering the existing improvements, the relative areal extent of the PERC release that would be considered accessible to conventional excavation methods is estimated at  $\pm$  100 - 150 cubic yards. Unless otherwise directed end point soil samples should be collected from the side wall and base of the removal zone to establish the post soil removal quality conditions.

Groundwater encountered during the excavation services should be removed as necessary to facilitate the soil removal effort. Dewatering services of this nature will afford an initial measure of groundwater treatment for the chlorinated contaminants of concern. The use of on site groundwater treatment methods (i.e., air stripping and activated carbon treatment) should be considered in the event dewatering services are pursued. An source removal treatment program of this nature is considered a prudent method for the site conditions addressed herein.

Surface petroleum soil contamination previously identified should be removed and properly disposed of off site. Based on the services completed to date it is our opinion that the total volume of soil contamination that would be involved in a source removal program of this nature would be  $\pm$  10 cubic yards. Unless otherwise directed end point soil samples should also be collected from the specific areas targeted for this work to establish the post soil removal quality conditions.

Prior to the soil removal efforts it is NETCs position that the opinion of the government should be solicited to obtain a regulatory determination as to the significance to the data developed thus far. In doing so a more definitive opinion could be provided with respect to the necessity and cost to correct the petroleum contamination. NETC is prepared to notify the DEC, on your behalf, of the site conditions and forward a copy of this site investigation for their consideration.

MR. ANTHONY FABIANO

SEPTEMBER 10, 2002

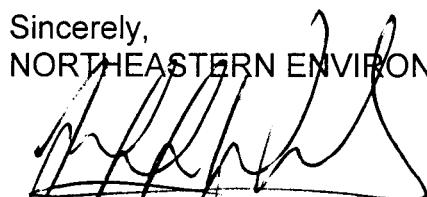
## LIMITATIONS

The findings and opinions offered are based on a limited subsurface investigation; no warranties are offered or implied. NETC assumes no responsibility for subsurface conditions including but not limited to soil and groundwater quality conditions and / or buried vessels, that may exist at the site. NETC opinions regarding the significance of the site soil and groundwater conditions are based on historical regulatory directives and similar opinions previously issued by the DEC for situations of a similar nature. As with any investigation of a limited scope should additional information become available modification to this report may be appropriate.

Please contact me at (518) 899-9684 when you have reviewed this progress report so we can discuss the most appropriate coarse of action for this site. The NETC organization and I remain available to assist you with this important matter.

Sincerely,

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION



Jeffrey T. Wink, President

JTW/epa

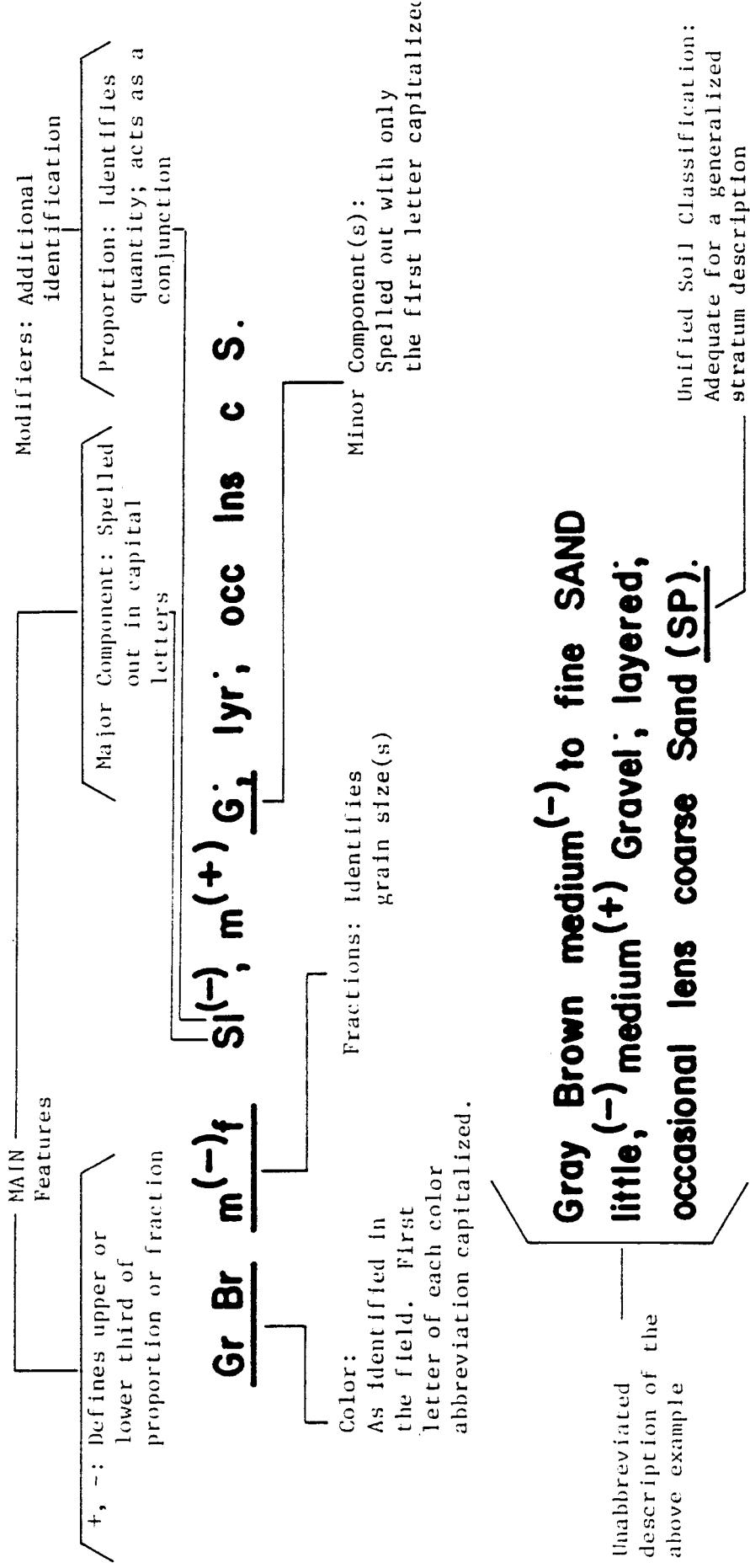
## **ATTACHMENT A**

### **H.S.A. BORING LOGS**



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# MODIFIED BURMISTER SYSTEM



# VISUAL IDENTIFICATION OF SAMPLES

The samples were identified in accordance with the American Society for Engineering Education System of Definition.

## I. Definition of Soil Components and Fractions

Material	Symbol	Fraction	Sieve Size	Definition
Boulders	Bldr	—	9" +	Material retained on 9" sieve.
Cobbles	Cbl	—	3" to 9"	Material passing the 9" sieve and retained on the 3" sieve.
Gravel	G	coarse (c) medium (m) fine (f)	1" to 3" $\frac{1}{2}$ " to 1" No. 10 to $\frac{1}{2}$ "	Material passing the 3" sieve and retained on the No. 10 sieve.
Sand	S	coarse (c) medium (m) fine (f)	No. 30 to No. 10 No. 60 to No. 30 No. 200 to No. 60	Material passing the No. 10 sieve and retained on the No. 200 sieve.
Silt	\$	—	Passing No. 200 (0.074 mm)	Material passing the No. 200 sieve that is non-plastic in character and exhibits little or no strength when air dried.

### **Organic Silt (OS)**

Material passing the No. 200 sieve which exhibits plastic properties within a certain range of moisture content, and exhibits fine granular and organic characteristics.

		Plasticity	Plasticity Index	
Clayey SILT	Cy\$	Slight (SI)	1 to 5	Clay-Soil
SILT & CLAY	\$&C	Low (L)	5 to 10	Material passing the No. 200 sieve which can be made to exhibit plasticity and clay qualities within
CLAY & SILT	C&\$	Medium (M)	10 to 20	a certain range of moisture content, and which
Silty CLAY	\$yC	High (H)	20 to 40	exhibits considerable strength when air-dried.
CLAY	C	Very High (VH)	40 plus	

## II. Definition of Component Proportions

Component	Written	Proportions	Symbol	Percentage Range by Weight *
Principal	CAPITALS	—		50 or more
Minor	Lower Case	and some little trace	a. s. l. t.	35 to 50 20 to 35 10 to 20 1 to 10

\* Minus sign (—) lower limit, plus sign (+) upper limit, no sign middle range.

### III. Glossary of Modifying Abbreviations

Category	Symbol	Term	Symbol	Term	Symbol	Term
A. Borings	U/D	Undisturbed	B	Exploratory	A	Auger
B. Samples	C	Casing	L	Lost	U	Undisturbed
	D	Denison	S	Spoon	W	Wash
	O.E.	Open End				
C. Colors	bk	black	gn	green	wh	white
	bl	blue	or	orange	yw	yellow
	br	brown	rd	red	dk	dark
	gr	gray	tn	tan	lt	light
D. Organic Soils	dec	decayed	o	organic	veg	vegetation
	dec'g	decaying	rts	roots	pt	peat
	lig	lignite	ts	topsoil		
E. Rocks	LS	Limestone	rk	rock	Shst	Schist
	Gns	Gneiss	SS	Sandstone	Sh	Shale
F. Fill and Miscellaneous Materials	bldr (s)	boulder (s)	cbl (s)	cobble(s)	gis	glass
	brk (s)	brick (s)	wd	wood	misc	miscellaneous
	cndr (s)	cinder (s)	dbr	debris	rbl	rubble
G. Miscellaneous Terms	do	ditto	pp	pocket	ref	refusal
	el, El	elevation		penetrometer	sm	small
	fgmt (s)	fragment(s)	P. I.	Plasticity Index	W. L.	water level
	frqt	frequent			W. H.	
	lrg	large	P	pushed	W. R.	weight of hammer
	mtld	mottled		pressed		
	no rec	no recovery	pc (s)	piece (s)		
	pen	penetration	rec or R	recovered		
H. Stratified Soils	alt	alternating				
	thk	thick				
	thn	thin				
	w	with				
	prt	parting	—	0 to 1/16" thickness		
	seam	seam	—	1/16 to 1/2" thickness		
	lyr	layer	—	1/2 to 12" thickness		
	stra	stratum	—	greater than 12" thickness		
	vvd c	varved Clay	—	alternating seams or layers of sand, silt and clay		
	pkt	pocket	—	small, erratic deposit, usually less than 1 foot		
	lns	lens	—	lenticular deposit		
	occ	occasional	—	one or less per foot of thickness		
	freq	frequent	—	more than one per foot of thickness		

Table 3.5 Unified Soil Classification

Field Identification Procedures (Excluding particles larger than 3 in. and basing fractions on estimated weight)		Typical Names		Information Required for Describing Soils		Laboratory Classification Criteria	
Wide range in grain size and substantial amounts of all intermediate particle sizes	<i>GW</i>	Well graded gravel, gravel-sand mixtures, little or no fines		Give typical name; indicate approximate percentages of sand and gravel; maximum size; angularity, surface condition, and hardness of the coarse materials; local or geologic name and other pertinent descriptive information; and symbols in parentheses		$C_U = \frac{D_{so}}{D_{10} \times D_{60}}$ $C_G = \frac{D_{10}}{D_{10} \times D_{60}}$	Greater than 4 Between 1 and 3
Predominantly one size or a range of sizes with some intermediate sizes missing	<i>GP</i>	Poorly graded gravel, gravel-sand mixtures, little or no fines				Not meeting all gradation requirements for <i>GW</i>	
Nonplastic fines (for identification procedures, see <i>ML</i> below)	<i>GM</i>	Silty gravel, poorly graded gravel-sand-silt mixtures				Atterberg limits below "A" line with <i>PI</i> less than 4 and 7 are borderline cases requiring use of dual symbols	
Plastic fines (for identification procedures, see <i>CL</i> below)	<i>GC</i>	Clayey gravel, poorly graded gravel-sand-clay mixtures				Atterberg limits above "A" line, with <i>PI</i> greater than 7	
Wide range in grain size and substantial amounts of all intermediate particle sizes	<i>SW</i>	Well graded sands, gravelly sands, little or no fines		For undisturbed soils add information on stratification, degree of compaction, cementation, moisture conditions and drainage characteristics		$C_U = \frac{D_{so}}{D_{10} \times D_{60}}$ $C_G = \frac{D_{10}}{D_{10} \times D_{60}}$	Greater than 6 Between 1 and 3
Predominantly one size or a range of sizes with some intermediate sizes missing	<i>SP</i>	Poorly graded sands, gravelly sands, little or no fines				Not meeting all gradation requirements for <i>SW</i>	
Nonplastic fines (for identification procedures, see <i>ML</i> below)	<i>SM</i>	Silty sands, poorly graded sand-silt mixtures				Atterberg limits below "A" line or <i>PI</i> less than 5	
Plastic fines (for identification procedures, see <i>CL</i> below)	<i>SC</i>	Clayey sands, poorly graded sand-clay mixtures				Atterberg limits below "A" line with <i>PI</i> greater than 7	
Identification Procedures on Fractions Smaller than No. 40 Sieve Size		Dry Strength (Crushing characteristics)		Dilatancy (Consistency near plastic limit)		Comparing soils at equal liquid limit	
Sands with fines (approachable fines)	Clean sands (little fines)	None to slight	Quick to slow	None	Inorganic silts and very fine sands, rock flour, silt or clayey fine sands with slight plasticity	40 Toughness and dry strength increase with increasing plasticity index	
Sands with more than half of coarse gravels finer than 3 in. size may be used as aggregate	Gravels with fine sand	Medium to high	None to very slow	Medium	Inorganic clays of low to medium plasticity, gravelly lean clays, sandy clay, silty clays, lean clays	30	
Sands with more than half of coarse gravels finer than 3 in. size may be used as aggregate	Gravels with fine sand	Slight to medium	Slow	Slight	Organic silts and organic silty clays of low plasticity	20	
Sands with more than half of coarse gravels finer than 3 in. size may be used as aggregate	Gravels with fine sand	Slight to medium	Slow to none	Medium	Inorganic silts, micaceous or diaclaceous, fine sandy or silty soils, elastic silts	10 CH ML	
Sands with more than half of coarse gravels finer than 3 in. size may be used as aggregate	Gravels with fine sand	High to very high	None	High	Inorganic clays of high plasticity, fat clay	0	Liquid limit
Sands with more than half of coarse gravels finer than 3 in. size may be used as aggregate	Gravels with fine sand	Medium to high	None to very slow	Slight to medium	Organic clays of medium to high plasticity	0	Plasticity chart
Sands with more than half of coarse gravels finer than 3 in. size may be used as aggregate	Gravels with fine sand	Readily identified by colour, odour, sponge feel and frequency of fibrous texture		Peat and other highly organic soils			for laboratory classification of fine grained soils

From Wagner, 1951.

a Boundary classification. Soils possessing characteristics of two groups are designated by combinations of group symbols. For example *GW-GC*, well graded gravel-sand mixture with clay binder.

*Field Identification Procedure for Fine Graded Soils or Fractions*

*Dry Strength* (Crushing characteristics):

After removing particles larger than No. 40 sieve size, mould a pat of soil to the consistency of putty, adding water if necessary. Allow the pat to dry completely by oven, sun or air drying, and then test its strength by breaking and crumblin between the fingers. This strength is a measure of the character and quantity of the colloidal fraction contained in the soil. The dry strength increases with increasing plasticity.

*Hill dry strength* is characteristic for clays of the *CH* group. A typical fine sand inorganic soil possesses only very slight dry strength. Silty fine sands and silts have about the same slight dry strength, but can be distinguished by the feel when powdering the dried specimen. Fine sand feels gritty whereas a typical silt has the smooth feel of flour.

*Dilatancy* (Reaction to shaking):  
After removing particles larger than No. 40 sieve size, prepare a pat of moist soil with a volume of about one-half cubic inch. Add enough water if necessary to make the soil soft but not sticky. Place the pat in the open palm of one hand and shake horizontally, striking vigorously against the other hand several times. A positive reaction consists of the appearance of water on the surface of the pat which changes to a livery consistency and becomes glossy. When the sample is squeezed between the fingers, the water and silt disappear from the surface, the pat stiffens and finally it cracks or crumbles. The rapidity of appearance of water during shaking and of its disappearance during squeezing assist in identifying the character of the fine in a soil.

Very fine clean sands give the quickest and most distinct reaction whereas a plastic clay has no reaction. Inorganic silt, such as a typical rock flour, shows a moderately quick reaction.

Toughness.

After the thread near the plastic limit and the after the lump when it finally crumbles, the more potent is the colloid clay fraction in the soil. Weakness of the thread at the plastic limit and quick loss of coherence of the lump below the plastic limit indicate either inorganic clay of low plasticity, or materials such as kaolin-type clays and organic clays which occur below the A-line.

*Atterberg limits* (below the A-line with *PI* less than 4 and 7 are borderline cases requiring use of dual symbols).

*Atterberg limits* (above the A-line with *PI* greater than 7)

*Atterberg limits* (above the A-line with *PI* less than 5)

*Atterberg limits* (below the A-line with *PI* greater than 7)

After the thread crumbles, the pieces should be lumped together and a slight kneading action continued until the lump crumbles.

The tougher the thread near the plastic limit and the after the lump when it finally crumbles, the more potent is the colloid clay fraction in the soil. Weakness of the thread at the plastic limit and quick loss of coherence of the lump below the plastic limit indicate either inorganic clay of low plasticity, or materials such as kaolin-type clays and organic

**Soil Characteristics Pertinent to Roads and Airfields**

<b>Major Division*</b>	<b>Letter (1)</b>	<b>Name</b>	<b>Value as Subgrade When Not Subject to Frost Action</b>	<b>Value as Subbase When Not Subject to Frost Action</b>	<b>Potential Frost Action</b>	<b>Compressibility and Expansion</b>	<b>Drainage Characteristics</b>	<b>Compaction Equipment</b>	<b>Unit Dry Weight cu. ft.</b>	<b>Typical Design Values</b>	
									CBR (2)	Subgrade Modulus lb. per cu. in.	
<b>GRAVEL AND GRAVELLY SOILS</b>	GW	Well graded gravels or gravel sand mixtures, little or no fines	Excellent	Good	None to very slight	Almost none	Excellent	Crawler-type tractor, rubber-tired roller, steel-wheeled roller	125-140	40-60	
	GP	Poorly graded gravels or gravel sand mixtures, little or no fines	Good to excellent	Good	Fair to good	None to very slight	Excellent	Crawler-type tractor, rubber-tired roller, steel-wheeled roller	110-140	30-60	
	d	Silty gravels, gravel sand-silt mixtures	Good to excellent	Good	Fair to good	Slight to medium	Very slight	Rubber-tired roller, sheepfoot roller, close control of moisture	125-145	40-60	
	GM		Good	Fair	Poor to not suitable	Slight to medium	Slight	Rubber-tired roller, sheepfoot roller, close control of moisture	115-135	20-30	
	u			Fair	Poor to not suitable	Slight to medium	Slight	Rubber-tired roller, sheepfoot roller, close control of moisture	110-145	20-40	
	OC	Clayey gravels, gravel sand-clay mixtures	Good	Fair	Poor to not suitable	Slight to medium	Poor to practically impervious	Rubber-tired roller, sheepfoot roller	110-145	20-40	
	SW	Well graded sands or gravelly sands, little or no fines	Good	Fair to good	Poor	None to very slight	Almost none	Crawler-type tractor, rubber-tired roller	110-130	20-40	
	SP	Poorly graded sands or gravelly sands, little or no fines	Fair to good	Fair	Poor to not suitable	None to very slight	Almost none	Crawler-type tractor, rubber-tired roller	105-135	10-40	
	d	Silty sands, sand-silt mixtures	Fair to good	Poor	Slight to high	Very slight	Fair to poor	Rubber-tired roller, sheepfoot roller, close control of moisture	120-135	15-40	
	SM		Fair	Poor to fair	Not suitable	Slight to high	Slight to medium	Rubber-tired roller, sheepfoot roller, close control of moisture	100-130	10-20	
	SC	Clayey sands, sand-clay mixtures	Poor to fair	Poor	Not suitable	Slight to high	Slight to medium	Rubber-tired roller, sheepfoot roller, close control of moisture	100-135	5-20	
<b>COARSE- GRAINED SOILS</b>	ML	Inorganic silts and very fine sands, rock flour, silt or clayey fine sands or clayey silts with slight plasticity	Poor to fair	Not suitable	Not suitable	Medium to very high	Slight to medium	Rubber-tired roller, sheepfoot roller, close control of moisture	90-130	1.5 or less	
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	Poor to fair	Not suitable	Not suitable	Medium to high	Medium	Rubber-tired roller, sheepfoot roller	90-130	100-300	
	I.L. IS LESS THAN SO	Organic silts and organic silt-clays of low plasticity	Poor	Not suitable	Not suitable	Medium to high	Medium to high	Rubber-tired roller, sheepfoot roller	90-130	1.5 or less	
	OL	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	Poor	Not suitable	Not suitable	Medium to very high	High	Fair to poor	Sheepfoot roller, rubber-tired roller	80-105	10 or less
	MF	Organic silts, organic silts and organic silt-clays of high plasticity, peat	Poor to fair	Not suitable	Not suitable	Medium	High	Practically impervious	Sheepfoot roller, rubber-tired roller	90-115	15 or less
	CH	Inorganic clays of medium to high plasticity, organic silts	Poor to fair	Not suitable	Not suitable	Medium	High	Practically impervious	Sheepfoot roller, rubber-tired roller	80-110	5 or less
	LL, IS GREATER THAN SO	Organic clays of high plasticity, fat clays	Poor to very poor	Not suitable	Not suitable	Medium	High	Practically impervious	Compaction not practical	—	—
	PI	Peat and other highly organic soils	Not suitable	Not suitable	Not suitable	Very high	Very high	Fair to poor	Compaction not practical	—	—

Note:

- (1) Unit Dry Weights are for compacted soil at optimum moisture content for modified AASHTO compaction effort. Division of GM and SM groups into subdivision of d and u are for roads and airfields only. Subdivision is basis of Atterberg limits; suffix d (e.g., GMd) will be used when the liquid limit (L.L.) is 25 or less and the plasticity index is 6 or less; the suffix u will be used otherwise.
- (2) The maximum value that can be used in design of airfields is, in some cases, limited by gradation and plasticity requirements.

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG						Boring No. B-18	
PROJECT: 160 Fairview Avenue - Fairview Plaza						SHEET NO. 1 of 1	
CLIENT: Anthony Fabiano						JOB NO. 02.05244	
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.						M.P. ELEV. 101.32 ft	
PURPOSE: Monitoring Well Installation						GR. ELEV. 101.6 ft	
DRILLING METHOD: H.S.A.			SAMPLE	CORE	CASING	DATUM 100.00 ft	
DRILL RIG: Mobil B-53			TYPE Split Spoon	N/A	H.S.A.	DATE START 08/05/02	
GROUND WATER LEVEL: ~4.03 feet			DIAM. 2.0"	4.25"		DATE FINISH 08/05/02	
MEASURING PT.: Top of PVC			WT. 140lb	----		DRILLER W. DePace	
DATE: August 5, 2002			FALL 30.0"	▼	----	INSPECTOR T. Scott	
Depth (feet)	Sample ID	Blows on Sample Spoon per 6-inch interval	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION		REMARKS
0.0	S-1	6,8	13.5	GP	Shale Fragments (+/- 1.0 ft)		R=1.5'
2.0		10,13	19.2	GM	Br c-fS s, \$I, mfG - Brown coarse to fine SAND some Silt little, medium to fine Gravel		No Odor/Damp
3.0	S-2	5,4	Bkg	SC	Gr fS a, \$yC I, fG (+/- 2.0 ft)		R=1.0'
4.0		4,4			Gray fine SAND and Silty CLAY little, medium to fine Gravel		No Odor/Damp
5.0	S-3	2,2	Bkg	SC	Gr c-fS s, \$yC I, mfG; occ Gr lyr cmS (+/- 4.0 ft)		R=1.3 ft
6.0		5,8			Gray coarse to fine SAND some Silty CLAY little, medium to fine Gravel; occasional Gray layer coarse to medium SAND		No Odor/Damp
7.0	S-4	3,7	Bkg	CL	Gr vvd c; mtld Gr Dk Gr Gn (+/- 6.0 ft)		R=1.6'
8.0		7,5			Gray varved Clay; mottled Dark Gray and Green		No Odor/Wet
9.0							
10.0							
11.0	S-5	2,2	Bkg	CL	Same as above		R=1.7'
12.0		3,4					No Odor/WET
13.0	S-6	3,4	Bkg	SC	Dk Gr fS a, \$yC (+/- 12.0 ft)		R=1.4'
14.0		5,8			Dark Gray fine SAND and Silty CLAY		No Odor/Damp
15.0							
16.0	S-7	4,6	Bkg	CL	Br vvd c (+/- 15.0 ft)		R=2.0'
17.0		10,11			Brown varved Clay		No Odor/Dry
18.0							
19.0	S-8	4,5	Bkg	CL	Same as above		R=2.0'
20.0		9,10					No Odor/Dry

Soil Boring Completed at 20.0 feet

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG						Boring No. B-19	
PROJECT: 160 Fairview Avenue - Fairview Plaza						SHEET NO. 1 of 1	
CLIENT: Anthony Fabiano						JOB NO. 02.05244	
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.						M.P. ELEV. 101.93 ft	
PURPOSE: Monitoring Well Installation						GR. ELEV. 102.60 ft	
DRILLING METHOD: H.S.A.				SAMPLE	CORE	CASING	DATUM 100.00 ft
DRILL RIG: Mobil B-53			TYPE	Split Spoon	N/A	H.S.A.	DATE START 08/06/02
GROUND WATER LEVEL: 11.34 feet			DIAM.	2.0"		4.25"	DATE FINISH 08/06/02
MEASURING PT.: Top of PVC			WT.	140lb	----	DRILLER W. DePace	
DATE: August 7, 2002			FALL	30.0"	▼	INSPECTOR T. Scott	
Depth (feet)	Sample ID	Blows on Sample Spoon per 6-inch interval	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION		REMARKS
0.0	S-1	15,18	Bkg	SM	Asphalt - Br Bk c-fS s, \$ I, c-fG; occ Sh frgmts		R=1.0'
2.0		15,13			Brown Black coarse to fine SAND some, Silt little, coarse to fine Gravel; occasional shale fragments		No Odor/Damp
3.0	7,7						R=NR
4.0	S-2	6,6	N/A				
5.0		2,2			Br Gr fS a \$yC; occ Gn mtld		(+/- 4.0 ft) R=1.8'
6.0	S-3	3,4	Bkg		Brown Gray fine SAND and Silt CLAY; occasional Green mottling		No Odor/Dry
7.0		2,2			Same as Above		R=1.5'
8.0	S-4	3,9	Bkg				No Odor/Dry
9.0		3,3			Gr fS a \$yC I, fG		(+/- 8.0 ft) R=1.3'
10.0	S-5	4,5	Bkg		Gray fine SAND and Silty CLAY little, fine Gravel		No Odor/Damp
11.0		1,2			Same as above		R=0.8'
12.0	S-6	3,4	Bkg				No Odor/Damp
13.0		2,3			Same as above		R=1.7'
14.0	S-7	7,7	Bkg		Br fs a \$yC; mtld Gr		(+/- 13.5 ft) No Odor/Damp
15.0					Brown fine SAND and Silty CLAY; mottled Gray		
16.0	S-8	4,6	Bkg		Br vvd c		(+/- 15.0 ft) R=1.6'
17.0		7,12			Brown varved Clay		No Odor/Damp
18.0	S-9	4,5	Bkg				R=1.8'
19.0		8,11			Same as above		No Odor/Damp

Soil Boring Completed at 19.0 feet

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG						Boring No. B-20	
PROJECT: 160 Fairview Avenue - Fairview Plaza						SHEET NO. 1 of 1	
CLIENT: Anthony Fabiano						JOB NO. 02.05244	
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.						M.P. ELEV. 102.78 ft	
PURPOSE: Monitoring Well Installation						GR. ELEV. 102.94 ft	
DRILLING METHOD: H.S.A.			SAMPLE	CORE	CASING	DATUM 100.00 ft	
DRILL RIG: Mobil B-53			TYPE Split Spoon	N/A	H.S.A.	DATE START 08/07/02	
GROUND WATER LEVEL: 11.34 feet			DIAM. 2.0"		4.25"	DATE FINISH 08/07/02	
MEASURING PT.: Top of PVC			WT. 140lb		----	DRILLER W. DePace	
DATE: August 7, 2002			FALL 30.0"	▼	----	INSPECTOR T. Scott	
Depth (feet)	Sample ID	Blows on Sample Spoon per 6-inch interval	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION		REMARKS
0.0		3,7			Asphalt - Br c-fS s, \$ I, c-fG		R=0.6'
2.0	S-1	20,11	Bkg	SM	<u>Brown coarse to fine SAND some. Silt little, coarse to fine Gravel</u>		No Odor/Dry
3.0							
4.0							
5.0							
6.0		3,14			Gr c-fS a \$yC I mfG (+/- 5.0 ft)		R=0.8'
7.0	S-2	7,7	Bkg	SC	<u>Gray coarse to fine SAND and Silty CLAY little, medium to fine Gravel</u>		No Odor/Dry
8.0							
9.0							
10.0							
11.0		2,3			Gr mtld Br fS a \$yC		R=1.0'
12.0	S-3	5,7	Bkg	SC	<u>Gray mottled Brow fine SAND and Silty CLAY</u>		No Odor/Dry
13.0							
14.0							
15.0							
16.0		3,4			Br vvd c		R=2.0'
17.0	S-4	7,9	Bkg	CL	<u>Brown varved Clay</u>		No Odor/Dry
18.0							
19.0							
Soil Boring Completed at 27.0 feet							

Shipping Address: 2381 Route 9 Malta, NY 12020  
Mailing Address: P.O. Box 216 Malta, NY 12020

(518) 899-9684 - Phone  
(518) 899-5973 - Fax

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG						Boring No. B-20
PROJECT: 160 Fairview Avenue - Fairview Plaza						SHEET NO. 2 of 2
CLIENT: Anthony Fabiano						JOB NO. 02.05244
Depth (feet)	Sample ID	Blows on Sample Spoon per 6-inch interval	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION	REMARKS
20.0						
21.0	S-5	3,3	Bkg	CL	Br vvd c - <u>Brown varved Clay</u> (+/- 21.5 ft)	R=1.9'
22.0		5,6		SC	Br fS a \$4 t, \$ Brown fine SAND and Silt trace, Silty CLAY	No Odor/Dry-Dam
23.0						
24.0						
25.0						
26.0	S-6		Bkg	SC	Gr fS a \$yC; occ lyr Gr Br fS a \$ Gray fine SAND and Silty CLAY; occasional layer Gray Brown fine SAND and Silt	(+/- 25.0 ft) R=1.8'
27.0						No Odor/WET
28.0					End of boring @ 27.0 feet	
29.0						
30.0						
31.0						
32.0						
33.0						
34.0						
35.0						
36.0						
37.0						
38.0						
39.0						
40.0						
41.0						
42.0						
43.0						
44.0						

Soil Boring Completed at 27.0 feet

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG					Boring No. B-21		
PROJECT: 160 Fairview Avenue - Fairview Plaza					SHEET NO. 1 of 1		
CLIENT: Anthony Fabiano					JOB NO. 02.05244		
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.					M.P. ELEV. 102.38 ft		
PURPOSE: Monitoring Well Installation					GR. ELEV. 102.7 ft		
DRILLING METHOD: H.S.A.			SAMPLE	CORE	CASING	DATUM 100.00 ft	
DRILL RIG: Mobil B-53			TYPE Split Spoon	N/A	H.S.A.	DATE START 08/07/02	
GROUND WATER LEVEL: Dry			DIAM. 2.0"		4.25"	DATE FINISH 08/07/02	
MEASURING PT.: Top of PVC			WT. 140lb		----	DRILLER W. DePace	
DATE: August 7, 2002			FALL 30.0"	▼	----	INSPECTOR T. Scott	
Depth (feet)	Sample ID	Blows on Sample Spoon per 6-inch interval	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION		REMARKS
0.0					Asphalt		PID Poor Response
2.0					Auger to 15.0 feet		Temperature
3.0	S-1		13.0	SC	Gr fS a \$yC		Interference
4.0					Gray fine SAND and Silty CLAY		Problem
5.0							
6.0							
7.0							PID Poor Response
8.0	S-2		10.4	SC			
9.0							
10.0							
11.0							
12.0							PID Poor Response
13.0	S-3		9.6	SC			
14.0							
15.0					▼		
16.0	S-4	2,3	Bkg	CL	Br vvd c	(+/- 15.0 ft)	R=2.0'
17.0		4,5			Brown varved Clay		No Odor/Damp
18.0							
19.0							
Soil Boring Completed at 22.0 feet							

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG					Boring No.	B-21
PROJECT: 160 Fairview Avenue - Fairview Plaza					SHEET NO.	2 of 2
CLIENT: Anthony Fabiano					JOB NO.	02.05244
Depth (feet)	Sample ID	Blows on Sample Spoon per 6-inch interval	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION	REMARKS
20.0						
21.0	S-5	2,1	Bkg	SC	Gr fS a \$yC; occ lyr Br fS a \$	R=2.0'
22.0		2,2			Gray fine SAND and Silty CLAY; occasional layer Brown fine SAND and Silt	No Odor/WET
23.0					End of boring @ 27.0 feet	
24.0						
25.0						
26.0						
27.0						
28.0						
29.0						
30.0						
31.0						
32.0						
33.0						
34.0						
35.0						
36.0						
37.0						
38.0						
39.0						
40.0						
41.0						
42.0						
43.0						
44.0						

Soil Boring Completed at 22.0 feet

**ATTACHMENT B**

**WELL COMPLETION LOGS**

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

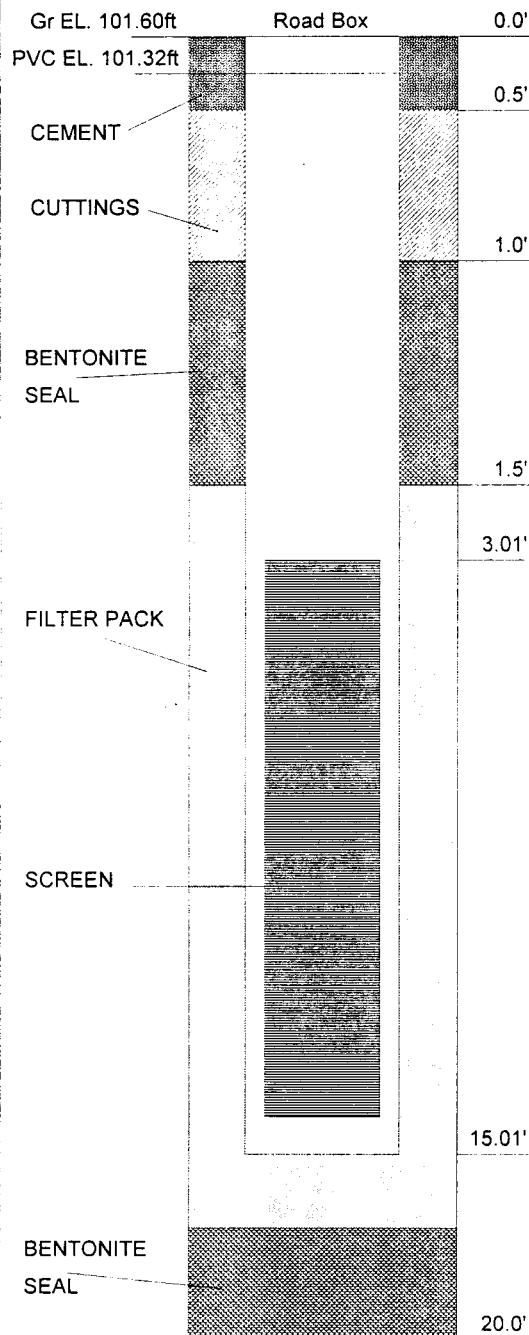
## MONITORING WELL COMPLETION LOG

WELL NO. MW-18

PROJECT: 160 Fairview Avenue - Fairview Plaza  
 CLIENT: Anthony Fabiano  
 PROJECT NO. 02.05244

DATE DRILLED: August 5, 2002  
 DATE DEVELOPED: August 8, 2002

### WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: T. Scott

DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.

**TYPE OF WELL:** Monitoring Well

**STATIC WATER LEVEL:** 3.01 feet

**DATE:** August 8, 2002

**MEASURING POINT:** Top of PVC

**TOTAL DEPTH OF WELL:** 15.01 feet

**TOTAL DEPTH OF BORING:** 20.0 feet

### DRILLING METHOD:

**TYPE:** H.S.A.

**DIAMETER:** 4.25"

**CASING:** Auger

### SAMPLING METHOD:

**TYPE:** Split Spoon

**DIAMETER:** 2.0"

**WEIGHT:** 140 lb

**FALL:** 30.0"

**INTERVAL:** Continous

### RISER PIPE LEFT IN PLACE:

**MATERIAL** Sch 40PVC

**DIAMETER:** 2.0"

**LENGTH:** 3.01'

**JOINT TYPE** Flush Thread

### SCREEN:

**MATERIAL** Sch 40PVC

**DIAMETER:** 2.0"

**SLOT SIZE:** Slot 10 (0.010)

**INTERVAL:** 3.01'-15.01'

**STRATEGIC UNIT SCREENED:** Sand, Silt and Clay

### FILTER PACK:

**TYPE:** Sand

**GRADE:** #1

**AMOUNT:** 500 lbs

**INTERVAL:** 1.5'-15.01'

### SEAL (S):

**TYPE:** Bentonite

**INTERVAL:** 1.0'-1.5'

**TYPE:** Clean Cuttings

**INTERVAL:** 0.5'-1.0'

**TYPE:** Concrete

**INTERVAL:** 0.0'-0.5'

### NOTES:

Road Box Installed

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

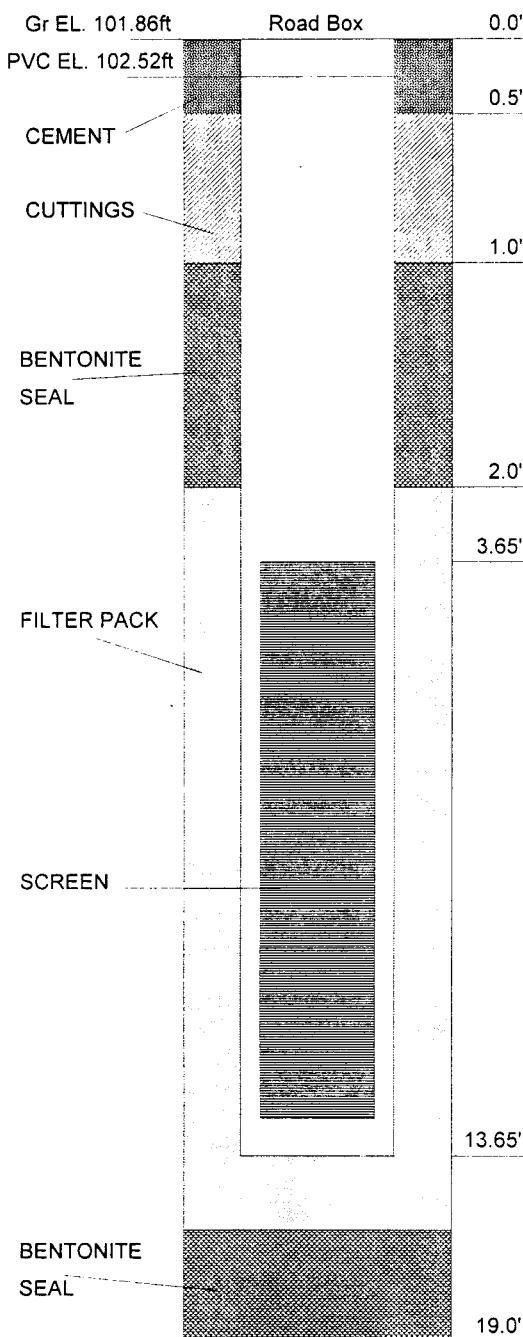
## MONITORING WELL COMPLETION LOG

WELL NO. MW-19

PROJECT: 160 Fairview Avenue - Fairview Plaza  
 CLIENT: Anthony Fabiano  
 PROJECT NO. 02.05244

DATE DRILLED: August 5, 2002  
 DATE DEVELOPED: August 8, 2002

### WELL CONSTRUCTION DETAIL



INSPECTOR: T. Scott

DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.

**TYPE OF WELL:** Monitoring Well

**STATIC WATER LEVEL:** 9.31 feet

**DATE:** August 8, 2002

**MEASURING POINT:** Top of PVC

**TOTAL DEPTH OF WELL:** 13.65 feet

**TOTAL DEPTH OF BORING:** 19.0 feet

### DRILLING METHOD:

TYPE: H.S.A.

**DIAMETER:** 4.25"

CASING: Auger

### SAMPLING METHOD:

TYPE: Split Spoon

**DIAMETER:** 2.0"

WEIGHT: 140 lb

**FALL:** 30.0"

INTERVAL: Continous

### RISER PIPE LEFT IN PLACE:

MATERIAL Sch 40PVC

**DIAMETER:** 2.0"

LENGTH: 3.65'

**JOINT TYPE:** Flush Thread

### SCREEN:

MATERIAL Sch 40PVC

**DIAMETER:** 2.0"

SLOT SIZE: Slot 10 (0.010)

**INTERVAL:** 3.65'-13.65'

STRATEGIC UNIT SCREENED: Sand, Silt and Clay

### FILTER PACK:

TYPE: Sand

GRADE: #1

AMOUNT: 400 lbs

**INTERVAL:** 2.0'-13.65'

### SEAL (S):

TYPE: Bentonite

**INTERVAL:** 1.0'-2.0'

TYPE: Clean Cuttings

**INTERVAL:** 0.5'-1.0'

TYPE: Concrete

**INTERVAL:** 0.0'-0.5'

### NOTES:

Road Box Installed

NOT TO SCALE

Shipping Address: 2381 Route 9  
 Mailing Address: P.O. Box 2167

Malta, NY 12020  
 Malta, NY 12020

(518) 899-9684 - Phone  
 (518) 899-5973 - Fax

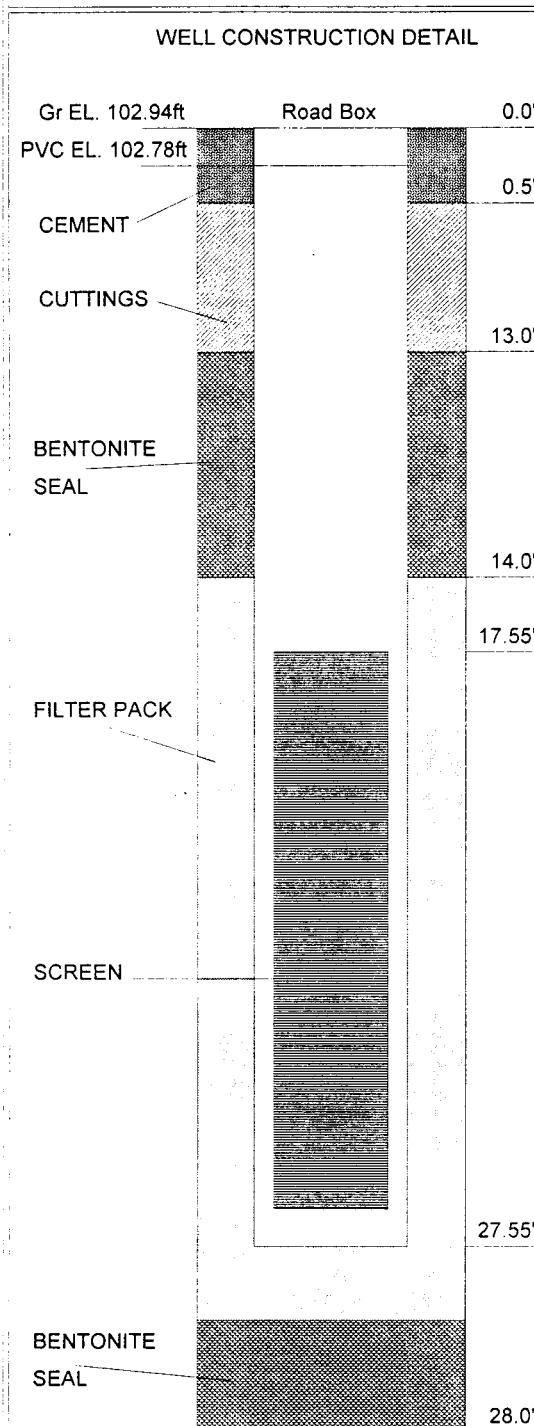
# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

## MONITORING WELL COMPLETION LOG

WELL NO. MW-20

PROJECT: 160 Fairview Avenue - Fairview Plaza  
 CLIENT: Anthony Fabiano  
 PROJECT NO. 02.05244

DATE DRILLED: August 5, 2002  
 DATE DEVELOPED: August 8, 2002



NOT TO SCALE

**INSPECTOR:** T. Scott

**DRILLING CONTRACTOR:** Northeastern Environmental Technologies Corp.

**TYPE OF WELL:** Monitoring Well

**STATIC WATER LEVEL:** 22.0 feet **DATE:** August 8, 2002

**MEASURING POINT:** Top of PVC

**TOTAL DEPTH OF WELL:** 27.55 feet

**TOTAL DEPTH OF BORING:** 28.0 feet

**DRILLING METHOD:**

**TYPE:** H.S.A. **DIAMETER:** 4.25"

**CASING:** Auger

**SAMPLING METHOD:**

**TYPE:** Split Spoon **DIAMETER:** 2.0"

**WEIGHT:** 140 lb **FALL:** 30.0"

**INTERVAL:** Continous

**RISER PIPE LEFT IN PLACE:**

**MATERIAL:** Sch 40PVC **DIAMETER:** 2.0"

**LENGTH:** 17.55' **JOINT TYPE:** Flush Thread

**SCREEN:**

**MATERIAL:** Sch 40PVC **DIAMETER:** 2.0"

**SLOT SIZE:** Slot 10 (0.010) **INTERVAL:** 17.55'-27.55'

**STRATEGIC UNIT SCREENED:** Sand, Silt and Clay

**FILTER PACK:**

**TYPE:** Sand

**GRADE:** #1

**AMOUNT:** 500 lbs

**INTERVAL:** 14.0'-27.55'

**SEAL (S):**

**TYPE:** Bentonite **INTERVAL:** 13.0'-14.0'

**TYPE:** Clean Cuttings **INTERVAL:** 0.5'-13.0'

**TYPE:** Concrete **INTERVAL:** 0.0'-0.5'

**NOTES:**

Road Box Installed

Shipping Address: 2381 Route 9  
 Mailing Address: P.O. Box 2167

Malta, NY 12020  
 Malta, NY 12020

(518) 899-9684 - Phone  
 (518) 899-5973 - Fax

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

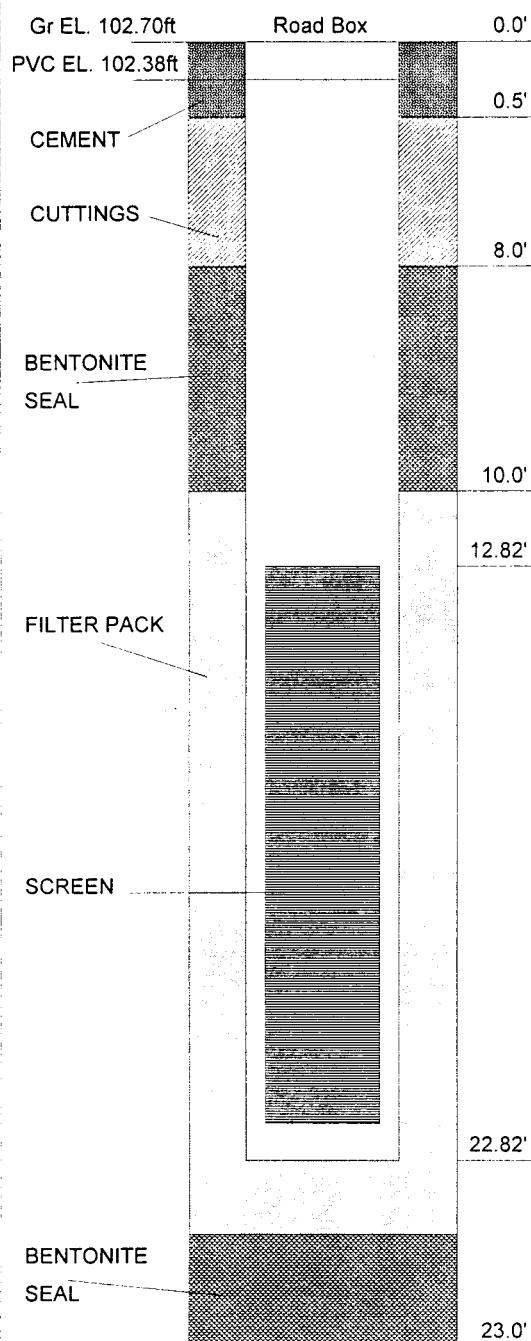
## MONITORING WELL COMPLETION LOG

WELL NO. MW-21

PROJECT: 160 Fairview Avenue - Fairview Plaza  
 CLIENT: Anthony Fabiano  
 PROJECT NO. 02.05244

DATE DRILLED: August 5, 2002  
 DATE DEVELOPED: August 8, 2002

### WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: T. Scott

DRILLING CONTRACTOR: Northeastern Environmental Technologies Corp.

**TYPE OF WELL:** Monitoring Well

**STATIC WATER LEVEL:** 20.63 feet

**DATE:** August 8, 2002

**MEASURING POINT:** Top of PVC

**TOTAL DEPTH OF WELL:** 22.82 feet

**TOTAL DEPTH OF BORING:** 23.0 feet

### DRILLING METHOD:

**TYPE:** H.S.A.

**DIAMETER:** 4.25"

**CASING:** Auger

### SAMPLING METHOD:

**TYPE:** Split Spoon

**DIAMETER:** 2.0"

**WEIGHT:** 140 lb

**FALL:** 30.0"

**INTERVAL:** Continous

### RISER PIPE LEFT IN PLACE:

**MATERIAL** Sch 40PVC

**DIAMETER:** 2.0"

**LENGTH:** 12.82'

**JOINT TYPE** Flush Thread

### SCREEN:

**MATERIAL** Sch 40PVC

**DIAMETER:** 2.0"

**SLOT SIZE:** Slot 10 (0.010)

**INTERVAL:** 12.82'-22.82'

**STRATEGIC UNIT SCREENED:** Sand, Silt and Clay

### FILTER PACK:

**TYPE:** Sand

**GRADE:** #1

**AMOUNT:** 500 lbs

**INTERVAL:** 10.0'-22.82'

### SEAL (S):

**TYPE:** Bentonite

**INTERVAL:** 8.0'-10.0'

**TYPE:** Clean Cuttings

**INTERVAL:** 0.5'-8.0'

**TYPE:** Concrete

**INTERVAL:** 0.0'-0.5'

### NOTES:

Road Box Installed

## **ATTACHMENT C**

## **HES SOIL QUALITY REPORT**

**SOIL ANALYTICAL DATA (SW846-8021B)**

**FAIRVIEW PLAZA**

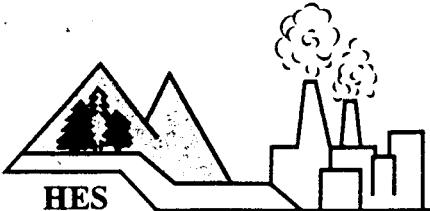
160 Fairview Avenue Hudson, New York

August 5, 2002

PARAMETER	SOIL SAMPLE DESCRIPTION				DEC
	B-18/S-1	B-18/S-2	B-18/S-3	B-18/S-4	
cis-1,2-Dichloroethene	36	60	ND	ND	ND
Trichloroethene (TCE)	101	41	ND	106	9.3
Tetrachloroethene (PERC)	<b>2,224</b>	ND	20	ND	ND
Non-target peaks	Negative	Negative	Negative	Negative	Negative
Total VOCs	<b>2,361</b>	808	20	106	9.3

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994.



## HUDSON ENVIRONMENTAL SERVICES, INC.

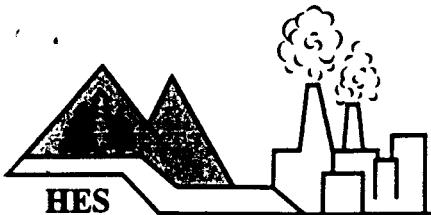
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803  
 Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803  
 Phone: 518/747-1060 Fax: 518/747-1062

### ANALYTICAL TEST RESULTS

N.Y.S.D.O.H. Lab ID #11140

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 08/05/02  
SAMPLE DESCRIPTION: B-18/S-1 DATE SAMPLE RECD: 08/12/02  
MATRIX: Soil TIME SAMPLED: 11:10 am  
LOCATION: 160 Fairview Ave. TYPE SAMPLE: Composite  
H.E.S. #: 020812C01 SAMPLER: T.Scott/NETC

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Dichlorodifluoromethane	SW846-8021B	<5.5	ug/kg	08/16/02
Chloromethane	SW846-8021B	<5.5	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<5.5	ug/kg	08/16/02
Chloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
Bromomethane	SW846-8021B	<5.5	ug/kg	08/16/02
Trichlorofluoromethane	SW846-8021B	<5.5	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<5.5	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<5.5	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<5.5	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<5.5	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	36	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<5.5	ug/kg	08/16/02
Chloroform	SW846-8021B	<5.5	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<5.5	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<5.5	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
Trichloroethene	SW846-8021B	101	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<5.5	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<5.5	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<5.5	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<5.5	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<5.5	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	2,224	ug/kg	08/16/02
1,3-Dichloropropane	SW846-8021B	<5.5	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<5.5	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<5.5	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
Bromoform	SW846-8021B	<5.5	ug/kg	08/16/02
Bromobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<5.5	ug/kg	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<5.5	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<5.5	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<5.5	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<5.5	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<5.5	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<5.5	ug/kg	08/16/02
Total Solids	EPA 160.3	91	%	08/14/02
Non-Target Peaks		Negative		



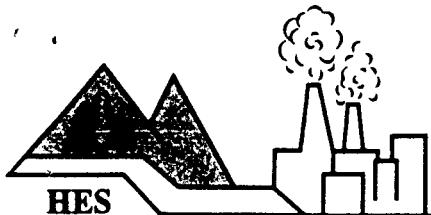
## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803  
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803  
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-18/S-2  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C02

DATE SAMPLED: 08/05/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 11:30 am  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.2	ug/kg	08/16/02
Chloromethane	SW846-8021B	<6.2	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<6.2	ug/kg	08/16/02
Chloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
Bromomethane	SW846-8021B	<6.2	ug/kg	08/16/02
Trichlorofluoromethane	SW846-8021B	<6.2	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<6.2	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<6.2	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<6.2	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<6.2	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	60	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<6.2	ug/kg	08/16/02
Chloroform	SW846-8021B	<6.2	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<6.2	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<6.2	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
Trichloroethene	SW846-8021B	41	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<6.2	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<6.2	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<6.2	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<6.2	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<6.2	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	<6.2	ug/kg	08/16/02
1,3-Dichloropropene	SW846-8021B	<6.2	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<6.2	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<6.2	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
Bromoform	SW846-8021B	<6.2	ug/kg	08/16/02
Bromobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.2	ug/kg	08/16/02
1,2,3-Trichloropropene	SW846-8021B	<6.2	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<6.2	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<6.2	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.2	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<6.2	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.2	ug/kg	08/16/02
Total Solids	EPA 160.3	81	%	08/14/02
Non-Target Peaks		Negative		



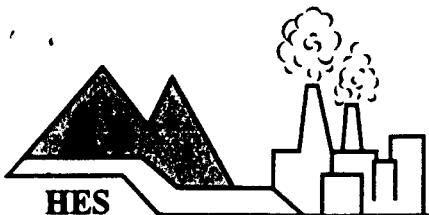
## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803  
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803  
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-18/S-3  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C03

DATE SAMPLED: 08/05/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 12:05 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<5.6	ug/kg	08/16/02
Chloromethane	SW846-8021B	<5.6	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<5.6	ug/kg	08/16/02
Chloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
Bromomethane	SW846-8021B	<5.6	ug/kg	08/16/02
Trichlorofluoromethane	SW846-8021B	<5.6	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<5.6	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<5.6	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<5.6	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<5.6	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<5.6	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<5.6	ug/kg	08/16/02
Chloroform	SW846-8021B	<5.6	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<5.6	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<5.6	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
Trichloroethene	SW846-8021B	<5.6	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<5.6	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<5.6	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<5.6	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<5.6	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<5.6	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	20	ug/kg	08/16/02
1,3-Dichloropropane	SW846-8021B	<5.6	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<5.6	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<5.6	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
Bromoform	SW846-8021B	<5.6	ug/kg	08/16/02
Bromobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<5.6	ug/kg	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<5.6	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<5.6	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<5.6	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<5.6	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<5.6	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<5.6	ug/kg	08/16/02
Total Solids	EPA 160.3	89	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

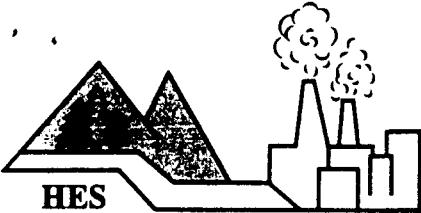
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-18/S-4  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C04

DATE SAMPLED: 08/05/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 12:40 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.5	ug/kg	08/16/02
Chloromethane	SW846-8021B	<6.5	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<6.5	ug/kg	08/16/02
Chloroethane	SW846-8021B	<6.5	ug/kg	08/16/02
Bromomethane	SW846-8021B	<6.5	ug/kg	08/16/02
Trichlorofluoromethane	SW846-8021B	<6.5	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<6.5	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<6.5	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<6.5	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<6.5	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<6.5	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<6.5	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<6.5	ug/kg	08/16/02
Chloroform	SW846-8021B	<6.5	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<6.5	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<6.5	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<6.5	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<6.5	ug/kg	08/16/02
Trichloroethene	SW846-8021B	106	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<6.5	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<6.5	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<6.5	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<6.5	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<6.5	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<6.5	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	<6.5	ug/kg	08/16/02
1,3-Dichloropropane	SW846-8021B	<6.5	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<6.5	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<6.5	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<6.5	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.5	ug/kg	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<6.5	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<6.5	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<6.5	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<6.5	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<6.5	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<6.5	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.5	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.5	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<6.5	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.5	ug/kg	08/16/02
Total Solids	EPA 160.3	77	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

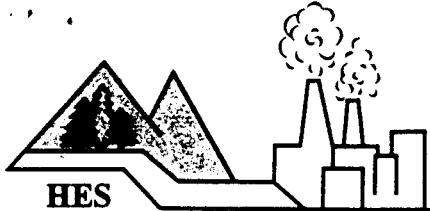
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 08/05/02  
SAMPLE DESCRIPTION: B-18/S-5 DATE SAMPLE RECD: 08/12/02  
MATRIX: Soil TIME SAMPLED: 1:08 pm  
LOCATION: 160 Fairview Ave. TYPE SAMPLE: Composite  
H.E.S. #: 020812C05 SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.7	ug/kg	08/16/02
Chloromethane	SW846-8021B	<6.7	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<6.7	ug/kg	08/16/02
Chloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
Bromomethane	SW846-8021B	<6.7	ug/kg	08/16/02
Trichlorodifluoromethane	SW846-8021B	<6.7	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<6.7	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<6.7	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<6.7	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<6.7	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<6.7	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<6.7	ug/kg	08/16/02
Chloroform	SW846-8021B	<6.7	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<6.7	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<6.7	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
Trichloroethene	SW846-8021B	<6.7	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<6.7	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<6.7	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<6.7	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<6.7	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<6.7	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	<6.7	ug/kg	08/16/02
1,3-Dichloropropane	SW846-8021B	<6.7	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<6.7	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<6.7	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
Bromoform	SW846-8021B	<6.7	ug/kg	08/16/02
Bromobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.7	ug/kg	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<6.7	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<6.7	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<6.7	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.7	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<6.7	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.7	ug/kg	08/16/02
Total Solids	EPA 160.3	74	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

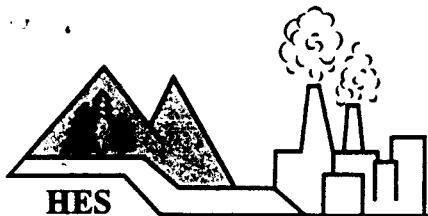
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-18/S-6  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C06

DATE SAMPLED: 08/05/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 1:30 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.8	ug/kg	08/16/02
Chloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<6.8	ug/kg	08/16/02
Chloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Bromomethane	SW846-8021B	<6.8	ug/kg	08/16/02
Trichlorofluoromethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<6.8	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
Chloroform	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Trichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<6.8	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
1,3-Dichloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<6.8	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Bromoform	SW846-8021B	<6.8	ug/kg	08/16/02
Bromobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,2,3-Trichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<6.8	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<6.8	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
Total Solids	EPA 160.3	74	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

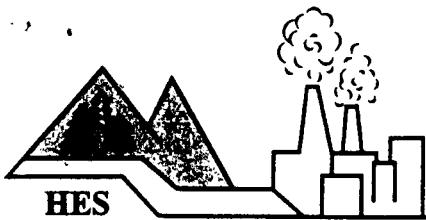
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-18/S-7  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C07

DATE SAMPLED: 08/05/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 1:55 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.8	ug/kg	08/16/02
Chloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
Vinyl chloride	SW846-8021B	<6.8	ug/kg	08/16/02
Chloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Bromomethane	SW846-8021B	<6.8	ug/kg	08/16/02
Trichlorofluoromethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,1-Dichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
Methylene chloride	SW846-8021B	<6.8	ug/kg	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1-Dichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
2,2-Dichloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
Bromochloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
Chloroform	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,1-Dichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
Carbon Tetrachloride	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Trichloroethene	SW846-8021B	9.3	ug/kg	08/16/02
1,2-Dichloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
Dibromomethane	SW846-8021B	<6.8	ug/kg	08/16/02
Bromodichloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Tetrachloroethene	SW846-8021B	<6.8	ug/kg	08/16/02
1,3-Dichloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
Dibromochloromethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dibromoethane	SW846-8021B	<6.8	ug/kg	08/16/02
Chlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
Bromoform	SW846-8021B	<6.8	ug/kg	08/16/02
Bromobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.8	ug/kg	08/16/02
1,2,3-Trichloropropene	SW846-8021B	<6.8	ug/kg	08/16/02
2-Chlorotoluene	SW846-8021B	<6.8	ug/kg	08/16/02
4-Chlorotoluene	SW846-8021B	<6.8	ug/kg	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.8	ug/kg	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
Hexachlorobutadiene	SW846-8021B	<6.8	ug/kg	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.8	ug/kg	08/16/02
Total Solids	EPA 160.3	73	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

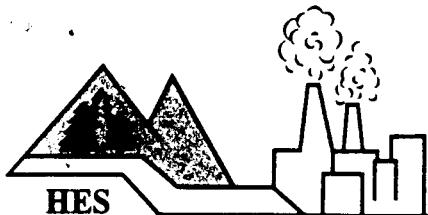
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-18/S-8  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C08

DATE SAMPLED: 08/05/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 2:15 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST_DATE
Dichlorodifluoromethane	SW846-8021B	<6.7	ug/kg	08/19/02
Chloromethane	SW846-8021B	<6.7	ug/kg	08/19/02
Vinyl chloride	SW846-8021B	<6.7	ug/kg	08/19/02
Chloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
Bromomethane	SW846-8021B	<6.7	ug/kg	08/19/02
Trichlorofluoromethane	SW846-8021B	<6.7	ug/kg	08/19/02
1,1-Dichloroethene	SW846-8021B	<6.7	ug/kg	08/19/02
Methylene chloride	SW846-8021B	<6.7	ug/kg	08/19/02
trans-1,2-Dichloroethene	SW846-8021B	<6.7	ug/kg	08/19/02
1,1-Dichloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
2,2-Dichloropropane	SW846-8021B	<6.7	ug/kg	08/19/02
cis-1,2-Dichloroethene	SW846-8021B	<6.7	ug/kg	08/19/02
Bromochloromethane	SW846-8021B	<6.7	ug/kg	08/19/02
Chloroform	SW846-8021B	<6.7	ug/kg	08/19/02
1,1,1-Trichloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
1,1-Dichloropropene	SW846-8021B	<6.7	ug/kg	08/19/02
Carbon Tetrachloride	SW846-8021B	<6.7	ug/kg	08/19/02
1,2-Dichloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
Trichloroethene	SW846-8021B	<6.7	ug/kg	08/19/02
1,2-Dichloropropane	SW846-8021B	<6.7	ug/kg	08/19/02
Dibromomethane	SW846-8021B	<6.7	ug/kg	08/19/02
Bromodichloromethane	SW846-8021B	<6.7	ug/kg	08/19/02
cis-1,3-Dichloropropene	SW846-8021B	<6.7	ug/kg	08/19/02
trans-1,3-Dichloropropene	SW846-8021B	<6.7	ug/kg	08/19/02
1,1,2-Trichloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
Tetrachloroethene	SW846-8021B	<6.7	ug/kg	08/19/02
1,3-Dichloropropane	SW846-8021B	<6.7	ug/kg	08/19/02
Dibromochloromethane	SW846-8021B	<6.7	ug/kg	08/19/02
1,2-Dibromoethane	SW846-8021B	<6.7	ug/kg	08/19/02
Chlorobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
Bromoform	SW846-8021B	<6.7	ug/kg	08/19/02
Bromobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.7	ug/kg	08/19/02
1,2,3-Trichloropropene	SW846-8021B	<6.7	ug/kg	08/19/02
2-Chlorotoluene	SW846-8021B	<6.7	ug/kg	08/19/02
4-Chlorotoluene	SW846-8021B	<6.7	ug/kg	08/19/02
1,3-Dichlorobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
1,4-Dichlorobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
1,2-Dichlorobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.7	ug/kg	08/19/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
Hexachlorobutadiene	SW846-8021B	<6.7	ug/kg	08/19/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.7	ug/kg	08/19/02
Total Solids	EPA 160.3	74	%	08/14/02
Non-Target Peaks		Negative		



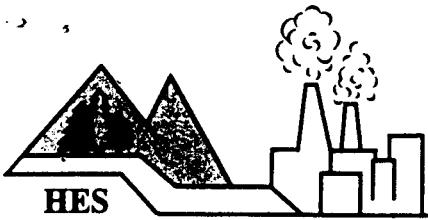
## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803  
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803  
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-19/S-5  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C09

DATE SAMPLED: 08/06/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 2:10 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.4	ug/kg	08/19/02
Chloromethane	SW846-8021B	<6.4	ug/kg	08/19/02
Vinyl chloride	SW846-8021B	<6.4	ug/kg	08/19/02
Chloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
Bromomethane	SW846-8021B	<6.4	ug/kg	08/19/02
Trichlorofluoromethane	SW846-8021B	<6.4	ug/kg	08/19/02
1,1-Dichloroethene	SW846-8021B	<6.4	ug/kg	08/19/02
Methylene chloride	SW846-8021B	<6.4	ug/kg	08/19/02
trans-1,2-Dichloroethene	SW846-8021B	<6.4	ug/kg	08/19/02
1,1-Dichloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
2,2-Dichloropropane	SW846-8021B	<6.4	ug/kg	08/19/02
cis-1,2-Dichloroethene	SW846-8021B	<6.4	ug/kg	08/19/02
Bromochloromethane	SW846-8021B	<6.4	ug/kg	08/19/02
Chloroform	SW846-8021B	<6.4	ug/kg	08/19/02
1,1,1-Trichloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
1,1-Dichloropropene	SW846-8021B	<6.4	ug/kg	08/19/02
Carbon Tetrachloride	SW846-8021B	<6.4	ug/kg	08/19/02
1,2-Dichloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
Trichloroethene	SW846-8021B	<6.4	ug/kg	08/19/02
1,2-Dichloropropane	SW846-8021B	<6.4	ug/kg	08/19/02
Dibromomethane	SW846-8021B	<6.4	ug/kg	08/19/02
Bromodichloromethane	SW846-8021B	<6.4	ug/kg	08/19/02
cis-1,3-Dichloropropene	SW846-8021B	<6.4	ug/kg	08/19/02
trans-1,3-Dichloropropene	SW846-8021B	<6.4	ug/kg	08/19/02
1,1,2-Trichloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
Tetrachloroethene	SW846-8021B	<6.4	ug/kg	08/19/02
1,3-Dichloropropane	SW846-8021B	<6.4	ug/kg	08/19/02
Dibromochloromethane	SW846-8021B	<6.4	ug/kg	08/19/02
1,2-Dibromoethane	SW846-8021B	<6.4	ug/kg	08/19/02
Chlorobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
Bromoform	SW846-8021B	<6.4	ug/kg	08/19/02
Bromobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.4	ug/kg	08/19/02
1,2,3-Trichloropropane	SW846-8021B	<6.4	ug/kg	08/19/02
2-Chlorotoluene	SW846-8021B	<6.4	ug/kg	08/19/02
4-Chlorotoluene	SW846-8021B	<6.4	ug/kg	08/19/02
1,3-Dichlorobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
1,4-Dichlorobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
1,2-Dichlorobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.4	ug/kg	08/19/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
Hexachlorobutadiene	SW846-8021B	<6.4	ug/kg	08/19/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.4	ug/kg	08/19/02
Total Solids	EPA 160.3	78	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

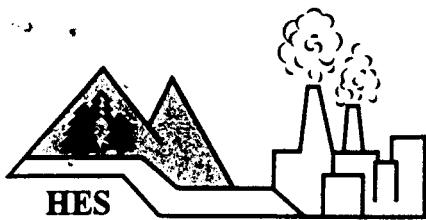
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-20/S-5  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C10

DATE SAMPLED: 08/07/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 2:05 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.5	ug/kg	08/19/02
Chloromethane	SW846-8021B	<6.5	ug/kg	08/19/02
Vinyl chloride	SW846-8021B	<6.5	ug/kg	08/19/02
Chloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
Bromomethane	SW846-8021B	<6.5	ug/kg	08/19/02
Trichlorofluoromethane	SW846-8021B	<6.5	ug/kg	08/19/02
1,1-Dichloroethene	SW846-8021B	<6.5	ug/kg	08/19/02
Methylene chloride	SW846-8021B	<6.5	ug/kg	08/19/02
trans-1,2-Dichloroethene	SW846-8021B	<6.5	ug/kg	08/19/02
1,1-Dichloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
2,2-Dichloropropane	SW846-8021B	<6.5	ug/kg	08/19/02
cis-1,2-Dichloroethene	SW846-8021B	<6.5	ug/kg	08/19/02
Bromochloromethane	SW846-8021B	<6.5	ug/kg	08/19/02
Chloroform	SW846-8021B	<6.5	ug/kg	08/19/02
1,1,1-Trichloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
1,1-Dichloropropene	SW846-8021B	<6.5	ug/kg	08/19/02
Carbon Tetrachloride	SW846-8021B	<6.5	ug/kg	08/19/02
1,2-Dichloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
Trichloroethene	SW846-8021B	<6.5	ug/kg	08/19/02
1,2-Dichloropropane	SW846-8021B	<6.5	ug/kg	08/19/02
Dibromomethane	SW846-8021B	<6.5	ug/kg	08/19/02
Bromodichloromethane	SW846-8021B	<6.5	ug/kg	08/19/02
cis-1,3-Dichloropropene	SW846-8021B	<6.5	ug/kg	08/19/02
trans-1,3-Dichloropropene	SW846-8021B	<6.5	ug/kg	08/19/02
1,1,2-Trichloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
Tetrachloroethene	SW846-8021B	<6.5	ug/kg	08/19/02
1,3-Dichloropropane	SW846-8021B	<6.5	ug/kg	08/19/02
Dibromochloromethane	SW846-8021B	<6.5	ug/kg	08/19/02
1,2-Dibromoethane	SW846-8021B	<6.5	ug/kg	08/19/02
Chlorobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
Bromoform	SW846-8021B	<6.5	ug/kg	08/19/02
Bromobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.5	ug/kg	08/19/02
1,2,3-Trichloropropane	SW846-8021B	<6.5	ug/kg	08/19/02
2-Chlorotoluene	SW846-8021B	<6.5	ug/kg	08/19/02
4-Chlorotoluene	SW846-8021B	<6.5	ug/kg	08/19/02
1,3-Dichlorobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
1,4-Dichlorobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
1,2-Dichlorobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.5	ug/kg	08/19/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
Hexachlorobutadiene	SW846-8021B	<6.5	ug/kg	08/19/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.5	ug/kg	08/19/02
Total Solids	EPA 160.3	77	%	08/14/02
Non-Target Peaks		Negative		



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: B-21/S-5  
MATRIX: Soil  
LOCATION: 160 Fairview Ave.  
H.E.S. #: 020812C11

DATE SAMPLED: 08/07/02  
DATE SAMPLE RECD: 08/12/02  
TIME SAMPLED: 3:30 pm  
TYPE SAMPLE: Composite  
SAMPLER: T.Scott/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<6.9	ug/kg	08/19/02
Chloromethane	SW846-8021B	<6.9	ug/kg	08/19/02
Vinyl chloride	SW846-8021B	<6.9	ug/kg	08/19/02
Chlороethane	SW846-8021B	<6.9	ug/kg	08/19/02
Bromomethane	SW846-8021B	<6.9	ug/kg	08/19/02
Trichlorofluoromethane	SW846-8021B	<6.9	ug/kg	08/19/02
1,1-Dichloroethene	SW846-8021B	<6.9	ug/kg	08/19/02
Methylene chloride	SW846-8021B	<6.9	ug/kg	08/19/02
trans-1,2-Dichloroethene	SW846-8021B	<6.9	ug/kg	08/19/02
1,1-Dichloroethane	SW846-8021B	<6.9	ug/kg	08/19/02
2,2-Dichloropropane	SW846-8021B	<6.9	ug/kg	08/19/02
cis-1,2-Dichloroethene	SW846-8021B	<6.9	ug/kg	08/19/02
Bromochloromethane	SW846-8021B	<6.9	ug/kg	08/19/02
Chloroform	SW846-8021B	<6.9	ug/kg	08/19/02
1,1,1-Trichloroethane	SW846-8021B	<6.9	ug/kg	08/19/02
1,1-Dichloropropene	SW846-8021B	<6.9	ug/kg	08/19/02
Carbon Tetrachloride	SW846-8021B	<6.9	ug/kg	08/19/02
1,2-Dichloroethane	SW846-8021B	<6.9	ug/kg	08/19/02
Trichloroethene	SW846-8021B	<6.9	ug/kg	08/19/02
1,2-Dichloropropane	SW846-8021B	<6.9	ug/kg	08/19/02
Dibromomethane	SW846-8021B	<6.9	ug/kg	08/19/02
Bromodichloromethane	SW846-8021B	<6.9	ug/kg	08/19/02
cis-1,3-Dichloropropene	SW846-8021B	<6.9	ug/kg	08/19/02
trans-1,3-Dichloropropene	SW846-8021B	<6.9	ug/kg	08/19/02
1,1,2-Trichloroethane	SW846-8021B	<6.9	ug/kg	08/19/02
Tetrachloroethene	SW846-8021B	<6.9	ug/kg	08/19/02
1,3-Dichloropropene	SW846-8021B	<6.9	ug/kg	08/19/02
Dibromochloromethane	SW846-8021B	<6.9	ug/kg	08/19/02
1,2-Dibromoethane	SW846-8021B	<6.9	ug/kg	08/19/02
Chlorobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<6.9	ug/kg	08/19/02
Bromoform	SW846-8021B	<6.9	ug/kg	08/19/02
Bromobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<6.9	ug/kg	08/19/02
1,2,3-Trichloropropene	SW846-8021B	<6.9	ug/kg	08/19/02
2-Chlorotoluene	SW846-8021B	<6.9	ug/kg	08/19/02
4-Chlorotoluene	SW846-8021B	<6.9	ug/kg	08/19/02
1,3-Dichlorobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
1,4-Dichlorobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
1,2-Dichlorobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<6.9	ug/kg	08/19/02
1,2,4-Trichlorobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
Hexachlorobutadiene	SW846-8021B	<6.9	ug/kg	08/19/02
1,2,3-Trichlorobenzene	SW846-8021B	<6.9	ug/kg	08/19/02
Total Solids	EPA 160.3	72	%	08/14/02
Non-Target Peaks		Negative		

Approval By:   
Date: 8/21/02

Hudson Environmental Services, Inc. certifies that the services provided were performed in accordance with the New York State Department of Health, Environmental Laboratory Approval Program certification manual. In the event of an error, HES's sole responsibility will be to perform reanalysis at its own expense. HES, Inc. assumes no other liability for damages incurred from the interpretation or use of the analysis provided.



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Road, South Glens Falls, NY 12803  
 Delivery: 211 Ferry Blvd., South Glens Falls, NY 12803  
 Phone: 518/747-1060 Fax: 518/747-1062

## CHAIN OF CUSTODY RECORD/ Lab Work Request

Client HES Client Contact/Person # 12345678901234567890  
 Project Location 123 Ferry Blvd. Purchase Order 12345678901234567890

HES Contact 12345678901234567890

Mail Address \_\_\_\_\_  
 Phone # 518-747-1062

HES Use Only  
 Lab ID \_\_\_\_\_

HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME A=a.m. P=p.m.	SAMPLE TYPE		# Contns.	ANALYSIS REQUIRED
				C=Composite	G=Grab		
002	160 FERRY L. / B-13 / S-1	3/5/02	A P	S	X	3	SOIL HIGHLIGHT ONLY
003	13-13 / S-2	3/13/02	A P	S	X		
004	13-13 / S-3	3/13/02	A P	S	X		
005	13-13 / S-4	3/13/02	A P	S	X		
006	13-18 / S-5	3/18/02	A P	S	X		
007	13-18 / S-6	3/18/02	A P	S	X		
008	13-18 / S-7	3/18/02	A P	S	X		
	SL - Sludge S - Soil SE - Sediment SO - Solid	SW - Surface Water L - Leachate DW - Drinking Water GW - Ground Water	DS - Drum Solids DL - Drum Liquids X - Other WW - Waste Water	Special Instructions: <u>WATER ARE BOTTOM LINE</u>			

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>John Doe</u>	3/7/02 6:30AM	<u>John Doe</u>	3/7/02
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>John Doe</u>	3/12/02 11:40	<u>John Doe</u>	3/12/02
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Method of Shipment:		Date/Time
Received @ Laboratory: <u>John Doe</u>	Date/Time: <u>3/12/02 12:55</u>	Turnaround Time:	Lab Approval:

WHITE - Lab Copy	YELLOW - Sampler Copy	PINK - Generator Copy
		NOTES: <u>N</u>

Discrepancies Between  
Sample Labels and COC  
Record? Y N

NOTES: N

Samples Were:  
 1. Shipped or Hand Delivered  
 NOTES: N

2. Ambient or Chilled  
 NOTES: N

3. Received Broken/  
Leaking (Improperly  
Scaled) Y  
 NOTES: N

4. Properly Preserved  
 NOTES: Y N

5. Received Within  
Holding Times  
Y N  
 NOTES: N

COC Tape Was:  
 1. Present on Outer  
Package Y N

2. Unbroken on Outer  
Package Y N

3. Present on Sample  
Y N

4. Unbroken on Sample  
 NOTES: Y N



## **HUDSON ENVIRONMENTAL SERVICES, INC.**

Mail: 22 Hudson Falls Road, South Glens Falls, NY 12803  
Delivery: 211 Ferry Blvd., South Glens Falls, NY 12803  
Phone: 518/747-1060 Fax: 518/747-1062

**CHAIN OF CUSTODY RECORD**

Lab Work Request

Client Ni-TC Client Contact/Person # T-Sc-H  
Project Location 1600 PARKVIEW Purchase Order \_\_\_\_\_

## Mail Address

Phone # 839-7134

## Project Location / ~~600 FARNIE LN~~

Purchase Order -

HES Contact

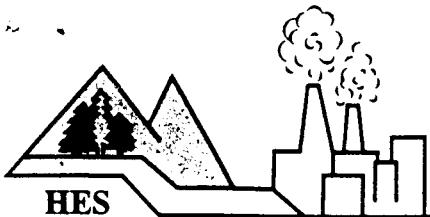
Sampled by: (Signature) <i>John S.</i>	Date/Time 8/7/02 6:30pm	Received by: (Signature)	Date/Time
Relinquished by: (Signature) <i>Lake High School</i>	Date/Time 8/12/02 11:40	Received by: (Signature) <i>MM-U</i>	Date/Time 8/12/02
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Method of Shipment:		Date/Time
Received @ Laboratory: <i>MM-U</i>	Date/Time 8/12/02	Turnaround Time: 1255	Lab Approval:

HES Use Only		
Samples Were:		
1. Shipped or Hand Delivered NOTES: <i>(Handwritten notes circled)</i>		
2. Ambient or Chilled NOTES: <i>(Handwritten notes circled)</i>		
3. Received Broken/ Leaking (Improperly Scaled) Y NOTES: <i>(Handwritten notes circled)</i>		
4. Properly Preserved NOTES: Y N		
5. Received Within Holding Times Y N NOTES: <i>(Handwritten notes circled)</i>		
COC Tape Was:		
1. Present on Outer Package Y N		
2. Unbroken on Outer Package Y N		
3. Present on Sample Y N		
4. Unbroken on Sample NOTES: Y N		
COC Record Was:		
1. Present upon Receipt of Samples Y N		
Discrepancies Between Sample Labels and COC Record? Y N NOTES:		

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803  
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803  
Phone: 518/747-1060 Fax: 518/747-1062

ANALYTICAL TEST RESULTS  
N.Y.S.D.O.H. LAB ID#11140

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 08/06/02

SAMPLE DESCRIPTION: Maintenance Surface Comp DATE SAMPLE RECD: 08/08/02

MATRIX: Soil TIME SAMPLED: 3:10 pm

LOCATION: 160 Fairview TYPE SAMPLE: Composite

H.E.S. #: 020808F01 SAMPLER: T.Scott/NETC

TOXICITY CHARACTERISTICS LEACHING PROCEDURE  
(TCLP)  
SW-846 METHOD 1311

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>	<u>TCLP REGULATORY LEVELS (mg/l)</u>
Arsenic	SW846-7060	0.10	mg/l	08/13/02	5.0
Barium	SW846-7080	1.90	mg/l	08/20/02	100.0
Benzene	SW846-8260B	<0.005	mg/l	08/20/02	0.5
Cadmium	SW846-7130	0.032	mg/l	08/20/02	1.0
Carbon Tetrachloride	SW846-8260B	<0.005	mg/l	08/20/02	0.5
Chlorobenzene	SW846-8260B	<0.005	mg/l	08/20/02	100.0
Chloroform	SW846-8260B	<0.005	mg/l	08/20/02	6.0
Chromium	SW846-7190	<0.05	mg/l	08/20/02	5.0
m-Cresol/p-Cresol	SW846-8270C	<0.02	mg/l	08/21/02	200.0
o-Cresol	SW846-8270C	<0.01	mg/l	08/21/02	200.0
1,4-Dichlorobenzene	SW846-8260B	<0.005	mg/l	08/20/02	7.5
1,2-Dichloroethane	SW846-8260B	<0.005	mg/l	08/20/02	0.5
1,1-Dichloroethylene	SW846-8260B	<0.005	mg/l	08/20/02	0.7
2,4-Dinitrotoluene	SW846-8270C	<0.01	mg/l	08/21/02	0.13
Hexachlorobenzene	SW846-8270C	<0.01	mg/l	08/21/02	0.13
Hexachlorobutadiene	SW846-8270C	<0.05	mg/l	08/21/02	0.5
Hexachloroethane	SW846-8270C	<0.01	mg/l	08/21/02	3.0
Lead	SW846-7420	<0.10	mg/l	08/20/02	5.0
Mercury	SW846-7470	<0.001	mg/l	08/21/02	0.2
Methyl Ethyl Ketone	SW846-8260B	<0.01	mg/l	08/20/02	200.0
Nitrobenzene	SW846-8270C	<0.01	mg/l	08/21/02	2.0
Pentachlorophenol	SW846-8270C	<0.05	mg/l	08/21/02	100.0
Pyridine	SW846-8270C	<0.1	mg/l	08/21/02	5.0
Selenium	SW846-7740	<0.002	mg/l	08/13/02	1.0
Silver	SW846-7760	<0.02	mg/l	08/14/02	5.0
Tetrachloroethylene	SW846-8260B	<0.005	mg/l	08/20/02	0.7
Trichloroethylene	SW846-8260B	<0.005	mg/l	08/21/02	0.5
2,4,5-Trichlorophenol	SW846-8270C	<0.01	mg/l	08/21/02	400.0
2,4,6-Trichlorophenol	SW846-8270C	<0.01	mg/l	08/20/02	2.0
Vinyl Chloride	SW846-8260B	<0.01	mg/l	08/AA/02	0.2
TPH	SW846-8100 (Modified)	12,608	mg/kg	08/16/02	20,000

Approval By: M.L. Thompson

Date: 8/22/02

Hudson Environmental Services, Inc. certifies that the services provided were performed in accordance with the New York State Department of Health, Environmental Laboratory Approval Program certification manual. In the event of an error, HES's sole responsibility will be to perform reanalysis at its own expense. HES, Inc. assumes no other liability for damages incurred from the interpretation or use of the analysis provided.



## ATTACHMENT D

### HES WATER QUALITY REPORT



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

**GROUNDWATER QUALITY SUMMARY (EPA METHOD 8021B)**

**FAIRVIEW PLAZA**

160 Fairview Avenue Hudson, New York

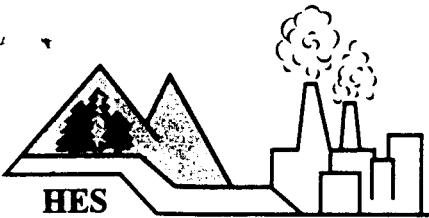
August 13, 2002

PARAMETER	WATER SAMPLE DESCRIPTION				DEC
	MW-5	MW-18	MW-19	MW-20	
Vinyl Chloride	ND	8.5	ND	ND	ND
trans-1,2-Dichloroethene	ND	1.1	ND	ND	ND
cis-1,2-Dichloroethene	0.7	16	ND	ND	ND
Trichloroethene (TCE)	ND	6	ND	ND	ND
Tetrachloroethene (PERC)	ND	31	ND	ND	ND
Non-Target Peaks	Negative	Negative	Negative	Negative	Negative
Total VOCs	0.7	62.6	---	---	---

Notes: All concentrations are in ug/l or ppb (parts per billion)

DEC = Groundwater quality standards & guidelines (6NYCRR Part 703)

\* Principal organic compound standard for groundwater is 5 ppb



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

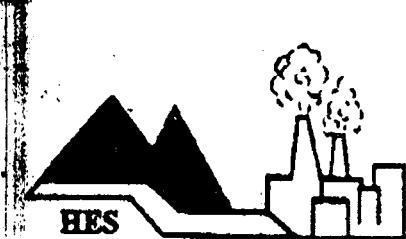
CLIENT: Northeastern Environmental Technologies, Corp.  
SAMPLE DESCRIPTION: MW-5  
MATRIX: Groundwater  
LOCATION: Fair View Plaza  
H.E.S. #: 020813I05

DATE SAMPLED: 08/13/02  
DATE SAMPLE RECD: 08/13/02  
TIME SAMPLED: 13:40  
TYPE SAMPLE: Grab  
SAMPLER: PG/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
Chloromethane	SW846-8021B	<0.5	ug/l	08/16/02
Vinyl chloride	SW846-8021B	<0.5	ug/l	08/16/02
Chloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichlorodifluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Methylene chloride	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
2,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	0.7	ug/l	08/16/02
Bromochloromethane	SW846-8021B	<0.5	ug/l	08/16/02
Chloroform	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
Carbon Tetrachloride	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromodichloromethane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Tetrachloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromochloromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromoethane	SW846-8021B	<0.5	ug/l	08/16/02
Chlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
Bromobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
2-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
4-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
Hexachlorobutadiene	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
MTBE	SW846-8021B	<0.5	ug/l	08/16/02
Non-Target Peaks		Negative		

Approval By: M. Henry  
Date: 8/27/02

Hudson Environmental Services, Inc. certifies that the services provided were performed in accordance with the New York State Department of Health, Environmental Laboratory Approval Program certification manual. In the event of an error, HES's sole responsibility will be to perform reanalysis at its own expense. HES, Inc. assumes no other liability for damages incurred from the interpretation or use of the analysis provided.



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

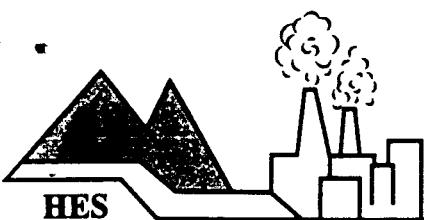
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 08/13/02  
SAMPLE DESCRIPTION: MW-18 DATE SAMPLE RECD: 08/13/02  
MATRIX: Groundwater TIME SAMPLED: 13:30  
LOCATION: Fair View Plaza TYPE SAMPLE: Grab  
H.E.S. #: 020813I04 SAMPLER: PG/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
Chloromethane	SW846-8021B	<0.5	ug/l	08/16/02
Vinyl chloride	SW846-8021B	8.5	ug/l	08/16/02
Chloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichlorofluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Methylene chloride	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	1.1	ug/l	08/16/02
1,1-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
2,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	16	ug/l	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
Carbon Tetrachloride	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichloroethene	SW846-8021B	6.0	ug/l	08/16/02
1,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromodichloromethane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Tetrachloroethene	SW846-8021B	31	ug/l	08/16/02
1,3-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromochloromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromoethane	SW846-8021B	<0.5	ug/l	08/16/02
Chlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
Bromobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
2-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
4-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
Hexachlorobutadiene	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
MTBE	SW846-8021B	<0.5	ug/l	08/16/02

Non-Target Peaks

Negative



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

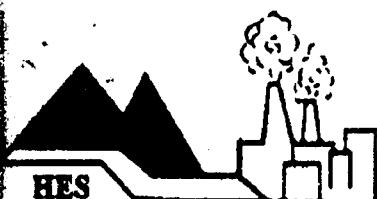
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp.    DATE SAMPLED: 08/13/02  
SAMPLE DESCRIPTION: MW-19    DATE SAMPLE RECD: 08/13/02  
MATRIX: Groundwater    TIME SAMPLED: 13:20  
LOCATION: Fair View Plaza    TYPE SAMPLE: Grab  
H.E.S. #: 020813I03    SAMPLER: PG/NETC

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Dichlorodifluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
Chloromethane	SW846-8021B	<0.5	ug/l	08/16/02
Vinyl chloride	SW846-8021B	<0.5	ug/l	08/16/02
Chloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichlorofluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Methylene chloride	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
2,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
Carbon Tetrachloride	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromodichloromethane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Tetrachloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromochloromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromoethane	SW846-8021B	<0.5	ug/l	08/16/02
Chlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
Bromobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
2-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
4-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
Hexachlorobutadiene	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
MTBE	SW846-8021B	<0.5	ug/l	08/16/02

Non-Target Peaks

Negative



## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

HES

## ANALYTICAL TEST RESULTS

N.Y.S.D.O.H. Lab ID #11140

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 08/13/02  
SAMPLE DESCRIPTION: MW-21 DATE SAMPLE RECD: 08/13/02  
MATRIX: Groundwater TIME SAMPLED: 12:30  
LOCATION: Fair View Plaza TYPE SAMPLE: Grab  
H.E.S. #: 020813I01 SAMPLER: PG/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
Chloromethane	SW846-8021B	<0.5	ug/l	08/16/02
Vinyl chloride	SW846-8021B	<0.5	ug/l	08/16/02
Chloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichlorofluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Methylene chloride	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
2,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
Carbon Tetrachloride	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromodichloromethane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Tetrachloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromochloromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromoethane	SW846-8021B	<0.5	ug/l	08/16/02
Chlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
Bromobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
2-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
4-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
Hexachlorobutadiene	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
MTBE	SW846-8021B	<0.5	ug/l	08/16/02
Non-Target Peaks		Negative		

28951

HES

## HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

**CLIENT:** Northeastern Environmental Technologies, Corp.  
**SAMPLE DESCRIPTION:** MW-20  
**MATRIX:** Groundwater  
**LOCATION:** Fair View Plaza  
**H.E.S. #:** 020813I02

**DATE SAMPLED:** 08/13/02  
**DATE SAMPLE RECD:** 08/13/02  
**TIME SAMPLED:** 13:40  
**TYPE SAMPLE:** Grab  
**SAMPLER:** PG/NETC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
Chloromethane	SW846-8021B	<0.5	ug/l	08/16/02
Vinyl chloride	SW846-8021B	<0.5	ug/l	08/16/02
Chloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichlorofluoromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Methylene chloride	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
2,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,2-Dichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,1-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
Carbon Tetrachloride	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Trichloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromomethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromodichloromethane	SW846-8021B	<0.5	ug/l	08/16/02
cis-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
trans-1,3-Dichloropropene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2-Trichloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Tetrachloroethene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
Dibromochloromethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromoethane	SW846-8021B	<0.5	ug/l	08/16/02
Chlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,1,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
Bromoform	SW846-8021B	<0.5	ug/l	08/16/02
Bromobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,1,2,2-Tetrachloroethane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichloropropane	SW846-8021B	<0.5	ug/l	08/16/02
2-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
4-Chlorotoluene	SW846-8021B	<0.5	ug/l	08/16/02
1,3-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,4-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
1,2-Dibromo-3-chloropropane	SW846-8021B	<0.5	ug/l	08/16/02
1,2,4-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
Hexachlorobutadiene	SW846-8021B	<0.5	ug/l	08/16/02
1,2,3-Trichlorobenzene	SW846-8021B	<0.5	ug/l	08/16/02
MTBE	SW846-8021B	<0.5	ug/l	08/16/02
Non-Target Peaks		Negative		

