

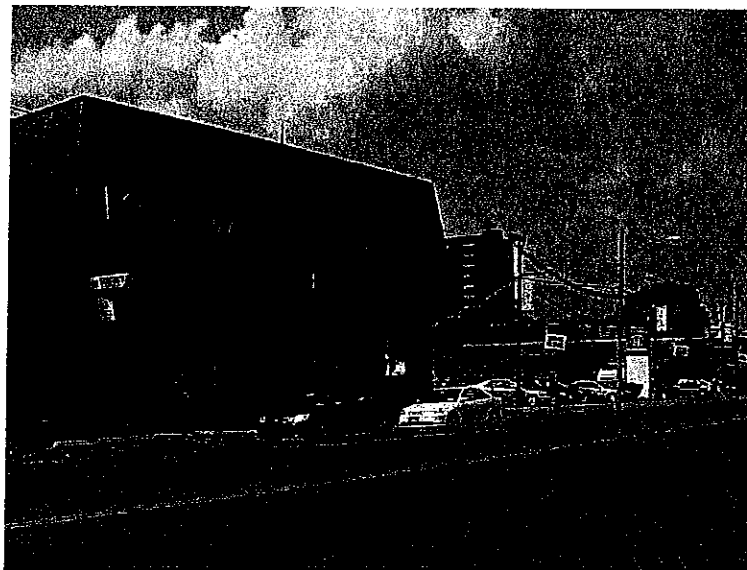
# Remedial Investigation & Tank Closure Program

## MOHAWK HONDA

728-756 STATE STREET  
SCHENECTADY, NEW YORK 12307

NETC PROJECT #02.08164

**September 22, 2003**



### **PREPARED FOR:**

**NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

#### **Region 4 Spill Unit**

1150 N. Westcott Rd.

Schenectady, New York 12307

and

#### **HARADEN MOTOR CAR CORP**

756 State Street

Schenectady, New York 12307

### **PREPARED BY:**

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*"..... providing integrated environmental and geotechnical services ....."*



GEO-ENVIRONMENTAL CONSULTING & PROPERTY MANAGEMENT SERVICES - SITE  
ASSESSMENTS - GEOTECHNICAL DRILLING & DPT PROBE SERVICES - TANK CLOSURES -  
EXCAVATION SERVICES - SOIL & GROUNDWATER REMEDIATION - EXPERT TESTIMONY -  
WASTE BROKERAGE SERVICES



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## 1.0 INTRODUCTION

The following information has been assimilated to outline the results of a recently completed "Remedial Investigation and Tank Closure Program" conducted at Mohawk Honda's 728 - 756 State Street Schenectady, NY facility (hereinafter termed the site - See **Figure 1**). The work was performed in accordance with the NYSDEC Stipulation agreement (STIP # R4-313). The field and laboratory methods used to accomplish the work were based on the methods outlined in NETC's May 14, 2003 work plan as well as the DEC ASSESSMENT GUIDANCE FOR PETROLEUM TANK CLOSURES & SPILL PREVENTION OPERATION TECHNICAL SERIES (SPOTS NO. 14), SITE ASSESSMENTS AT BULK STORAGE FACILITIES and the SPILL TECHNOLOGIES AND REMEDIATION SERIES MEMO #1.

In order to address the issues germane to this remedial action, site specific improvements, facility information and available soil and groundwater information previously assimilated by NETC were reviewed and / or considered. A more detailed discussion of the specific activities completed during the soil removal program is included below for consideration.

## 2.0 BACKGROUND INFORMATION

A previously completed Phase 1 Environmental Site Assessment, performed in advance of a property wide redevelopment program, identified the potential presence of seven underground storage tanks (UST) at the site. Five of the UST's relate to commercial establishments and similar residential structures that existed at the site prior to 1970. Haraden Motor Car Group (DBA Mohwak Honda) representatives substantiated the removal of (1) 2,000 gallon gasoline UST in 1992 and the in-place closure of a second UST in 1980. The disposition of the remaining USTs was evaluated during a subsurface investigation (SI) completed at the site in January 2003. The completed SI services identified (via remote sensing survey methods) a total of nine suspect anomalies that could represent UST infrastructure. A subsequent soil boring and test pit excavation program was used to confirm or refute the presence of UST infrastructure. The completed SI services have substantiated the presence of (4) inactive UST's. Petroleum contamination identified at the site is attributed to the historical use of the UST infrastructure.

To pursue the administrative closure of spill case # 0301751 and in accordance with the Stipulation agreement (RA4-313), UST removal and soil and groundwater source removal program was implemented on June 16, 2003 and completed on July 15, 2003. The remedial services focused on the removal of the USTs, UST infrastructure and grossly contaminated soil and groundwater from five locations at the site (see **Figure 2**). All completed work has occurred exclusively on the subject site.

NETC staff on behalf of the Haraden Motor Car Group, directed the soil removal and disposal services, and provided on site treatment services for contaminated groundwater recovered during the soil removal services. Contaminated soil transportation services and UST removal services were performed by Mangiardi

Trucking and MC Environmental respectively. A more complete accounting of the subsurface conditions encountered and the services completed at the site are presented for your consideration, as follows.

### 3.0 COMPLETED REMEDIAL MEASURES

The completed remedial measures resulted in the location, decontamination and removal of (4) single wall steel USTs. All UST closure services were performed in accordance with the DEC's Petroleum Bulk Storage Regulation 6NYCRR Part 613.9. Prior to the UST removal services petroleum-contaminated liquid and sludge in each UST were containerized and removed by MC Environmental Service (MCE). A total of 2,130 gallons of liquid petroleum and sludge were removed as a result of the tank closure services and 1,320 gallon of petroleum contaminated groundwater was removed and disposed of off site as a result of the soil removal services. Copies of the individual Bill of Lading's are included in **Appendix B**.

Visual inspection of each UST and excavation zone was performed following decontamination work to evaluate the general integrity of each structure and to consider the presence of petroleum contamination. Sidewall and base soil samples collected from each UST and / or soil removal zone were periodically subjected to visual, olfactory and volatile organic compound (VOC) head space soil gas analysis using a properly calibrated photoionization detector (PhotoVac Model 2020). The PID testing services were used to direct the soil removal efforts as well as short list end point soil samples for additional laboratory analysis. End point soil samples collected at the site were submitted to Hudson Environmental Services (HES) for the chemical analysis pursuant to the DEC STARS Memo #1 testing criteria SW846 Methods 8021 and 8270. Soil samples were also submitted to Upstate Laboratories Inc. (ULI) for Trimethyl Lead chemical analysis and Albany County Landfill parameters (8260, 8270, 8081, 8150, Metals, 8082). Copies of the HES and ULI laboratory reports are included in **Appendix C**.

PID soil removal thresholds of 5.0 ppm and 25 ppm were used for fuel oil and gasoline USTs, respectively. Soil horizons exhibiting visual and / or olfactory indications of petroleum contamination were also removed whenever possible. To assist in directing the soil removal effort, eight (8) additional soil borings were installed using direct push techniques. The soil borings were installed to depths ranging from ±6.0 to 26.0 feet to facilitate the acquisition of near surface soil samples. Each soil boring was completed in a manner to provide a geological log of the subsurface conditions and provide necessary data on the soil and / or groundwater condition. The additional soil borings were installed utilizing NETC's truck mounted Geoprobe 540U sampling system following standard direct push sampling methods. NETC performed all aspects of the soil boring program and was responsible for detailed logging of all samples. The specific soil boring locations advanced at the site are illustrated on **Figure 3**. Copies of the individual soil boring logs are included in **Appendix D**.

All petroleum contaminated soil was removed and temporarily stockpiled on site on 6 mil poly-synthetic liners. All contaminated soil generated as a result of the soil removal effort was disposed of at the City of Albany Rapp Rd. Landfill during the period from July 7 - 10, 2003. A total of 934.80 tons of contaminated soil was removed during the soil removal program. Copies of the soil disposal receipts are included in **Appendix E**.

To facilitate the effective removal of the soil contamination a total of 8,433 gallons of contaminated groundwater was removed during the excavation services. The groundwater dewatering services were necessary to facilitate the recovery of deep contaminated soil horizons. Contaminated groundwater was treated on-site using NETC's mobile air stripper and activated carbon treatment system. Treated groundwater was discharged to an on-site sanitary sewer drop inlet. Effluent samples were collected from the treatment system to ensure discharge compliance pursuant to Stipulation Agreement RA4-313. Copies of the laboratory results for both untreated groundwater (i.e., influent) removed during the dewatering service as well as the treated (effluent) groundwater data are included in **Appendix F**.

## 4.0 FINDINGS

### 4.1 REMOVAL AREA #1

Two 1000 gallon gasoline UST's (i.e., UST # 1 and 2) were decontaminated and removed from exploration Area #1. Visual inspection of the UST's identified pitting and corrosion (i.e.,  $\leq 1$  inch diameter) in each USTs. The UST's were installed end to end and manifolded via two 1 inch diameter steel pipes. The UST's were encountered at a depth  $\pm 7.0$  feet below ground surface (bgs) below an asphalt layer. The unconsolidated material encountered above the buried asphalt layer consisted of a sand and gravel cultural fill layer. The unconsolidated deposits encountered below the buried asphalt layer consisted of a brown medium to fine sand, and some silt. Groundwater was observed approximately 10.0 feet bgs.

Visual and olfactory evidence of petroleum contaminated soil was apparent at  $\pm 7.0$  feet below grade directly below the buried asphalt surface. Initial soil gas concentrations surrounding exceeded 2,000 ppm. Soil removal efforts were pursued along the southern and west portions of the excavation. Soil boring information (i.e., GP-12, GP-13, and GP-14) was also used to direct the soil removal efforts.

Four post excavation end point soil samples were collected along the south sidewall at  $\pm 13.5$  to 15.5 feet bgs (UST-1&2/S-1A&B), north sidewall at  $\pm 12.5$  feet bgs (UST 1&2/EPS-D), west sidewall at  $\pm 15.0$  feet bgs (UST-1&2/EPS-E), and north western sidewall at  $\pm 14.0$  feet bgs (UST-1&2/EPS-F) portions of the excavation. The end point soil sample locations are each illustrated on **Figure 4**. All end point samples underwent chemical analysis pursuant to the DEC STARS Memo #1 testing criteria via SW846 8021.

End point samples UST-1/S-1A&B and UST-1&2/EPS-D were reported to be unaffected by the chemical parameters inherent to STARS 8021 testing criteria. End point samples UST-1&2/EPS-E and UST-1&2/EPS-F were reported as containing low detectable levels of toluene, p-isopropyltoluene and toluene, ethylbenzene, m-xylene/p-xylene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, and p-isopropyltoluene respectively. Each chemical parameter report above was found to be below the DEC TAGM 4046 soil quality guidance criteria for the protection of groundwater. The end point soil sample results are included in **Appendix C**.

To further assist in the natural attenuation of residual petroleum contamination 90 lbs. of Oxygen Release Compound (ORC) was added to the western side of the excavation (adjacent to 738-740 State Street building) prior to the placement of fill in the excavation.

#### 4.2 REMOVAL AREA #2

One 1000 gallon waste oil (i.e., UST # 3) was decontaminated and removed from Area #2. Visual inspection identified one structure failure at the base of the UST. The top of the UST was encountered at 2 feet below ground surface (bgs). The upper 7.0 foot of unconsolidated deposits adjacent to the UST consisted of cultural fill (i.e., sand, gravel, brick, shale rock). The unconsolidated deposits below the fill layer consisted of brown medium to fine sand, and some silt. Groundwater was encountered at a depth of  $\pm$  7.0 feet bgs.

Visual and olfactory evidence of petroleum contamination was limited to the northern edge of the UST next to the building. PID readings obtained from soil adjacent to this area ranged between 50 -138 ppm at 6.0 feet bgs. Soil removal efforts were pursued to the extent feasible along the north wall of the excavation where soils exceeded the 25 ppm soil removal threshold. The soil removal efforts were limited due to the presence of the adjacent building. No petroleum odors or sheens were observed on the groundwater in the excavation.

Post excavation end point samples were collected along the northern (UST-3/S-1) and southern (UST-3/S-2) portions of the excavation. Both samples were collected from 7.0 feet bgs. The end point soil sample locations are illustrated on **Figure 5**. All end point soil samples underwent chemical analysis pursuant to the DEC STARS Memo #1 testing criteria via SW846 8021/8270.

The endpoint soil sample collected from UST-3/S-2 was found to be free of chemical parameters inherent to DEC's STARS 8021 & 8270 testing criteria. Soil sample UST-3/S-1 contained detectable concentrations of both VOC and SVOC. The individual petrochemicals as well as the aggregate VOC and SVOC concentration (i.e., total VOC < 10 ppm and total SVOC <500 ppm) reported in UST-3/S-1 were below the DEC's TAGM 4046 soil quality guidance criteria for the protection of groundwater. In addition, both end point soil samples were report by HES as positive for non-target peaks outside the DEC's STARS 8021 & 8270 testing criteria. HES reported the



non-target petroleum compounds as indicative of a "heavy fuel" pattern. The end point soil sample results are included in **Appendix C**.

#### 4.3 Removal Area #3

Between June 25-27, 2003, test pit excavation services were performed at Area #3 to assess the presence of UST infrastructure. The presence of an UST was suspected based on petroleum contaminated soil identified at soil boring GP-10, and the presence of a relic vent pipe infrastructure on the adjacent 730 State St. structure. No (intact) UST was found to exist in Area #3. A 4-foot diameter metal carcass indicative of a 1000 gallon UST along with miscellaneous piping was encountered and removed from Area #3.

The upper 7.0 foot of unconsolidated deposits adjacent to the UST consisted of cultural fill (i.e., sand, gravel, brick, shale rock). The unconsolidated deposits below the fill layer consisted of brown medium to fine sand, and some silt. Visual and olfactory evidence of petroleum contamination was evident in soils ranging between 8 and 17 feet bgs. PID readings obtained from the soil removal zone ranged between  $\pm 26 - 337$  ppm. Soil removal efforts were pursued to the extent feasible where VOC soil gas levels exceeded the 25 ppm. Excavation was restricted to the west due to the adjacent building, to the north by the adjacent City of Schenectady sidewalk and State Street, buried utilities, and to the east by a buried concrete foundation. Soil borings GP-17, GP-18, and GP-19 were also used to define the southern extent of the soil contamination. Groundwater was encountered at  $\pm 10.0$  feet bgs. No visible sheen or petroleum odor were observed on groundwater removed from Area #3.

Three post excavation end point samples were collected along the northwest side wall at 14.5 feet bgs (Area 3/EPS-1), east side wall at 17.0 feet bgs (Area 3/EPS-5), and southwest side wall at 13.0 feet bgs (Area 3/EPS-8). Sampling locations are shown in **Figure 6**. All samples were sent to Hudson Environmental Services, Inc. (HES) to undergo chemical analysis pursuant to the DEC STARS Memo #1 testing criteria via SW846 8021/8270.

The endpoint soil samples collect from the east side wall (Area 3/EPS-5) was found to be free of chemical parameters inherent to DEC's STARS 8021 & 8270 testing criteria. However the endpoint soil samples Area 3/EPS-1 and Area 3/EPS-8 contain detectable levels of p-isopropyltoluene and sec-butylbenzene respectively, each below the DEC's TAGM 4046 soil quality guidance criteria for the protection of groundwater. In addition HES identified non-target peaks outside the DEC STARS 8021 & 8270 testing criteria in endpoint soil samples Area 3/EPS-1 and Area 3/EPS-8. HES reported the non-target petroleum compounds as indicative of a "heavy fuel" pattern. The end point soil sample results are included in **Appendix C**.

#### 4.4 Removal Area #4

One 1000 gallon gasoline UST (i.e., UST # 4) was decontaminated and removed from the site. The top of the UST was encountered at 6.5 feet below ground surface (bgs). UST #4 had been previously filled with concrete. After uncovering the UST, a residual gasoline was encountered atop the concrete in the uppermost portion of the UST. The concrete surface was flushed with water and removed via drum-vac and stored in 55 gallon drum on site. Following the UST removal services the contaminated concrete was removed from the structure and disposed of along with the petroleum contaminated soil.

The unconsolidated material encountered consisted of a sand and gravel cultural fill layer followed by a brown medium to fine sand, and some silt. Groundwater was observed approximately 10.0 feet bgs. Visual and olfactory evidence of petroleum contamination was limited to the western portion of the excavation. PID soil gas concentrations obtained from areas adjacent to UST #4 exceeded 2,000 ppm. Soil removal efforts were pursued to the extent feasible along the western portion of the excavation where soils exceeded the 25 ppm soil removal threshold. The soil removal efforts were limited due to the presence of the adjacent building foundation located approximately 6 feet to the west.

Post excavation end point samples were collected along the eastern end of the excavation at  $\pm$  10.0 to 12.0 feet bgs (UST-4/EPS-1) and western end of the excavation at 17.0 feet bgs (UST-4/EPS-2) portions of the excavation. Sampling locations are shown in **Figure 7**. All samples were sent to Hudson Environmental Services, Inc. (HES) to undergo chemical analysis pursuant to the DEC STARS Memo #1 testing criteria via SW846 8021.

End point sample UST-4/EPS-1 (eastern side) is identified as unaffected by the chemical parameters inherent to the STARS 8021 testing criteria. End point soil sample UST-4/EPS-2 (western side) is identified as containing detectable levels of VOCs with benzene (172 ppm) and m-xylene/p-xylene at (1,364 ppm) above the DEC's TAGM 4046 soil quality guidance criteria for the protection of groundwater. The end point soil sample results are included in **Appendix C**.

#### 4.5 Removal Area #5

Exploratory excavation services were performed at Area #5 (i.e., northeast of the 738-740 State Street structure) to assess the presence of UST infrastructure. The excavation services were advanced near a fill pipe located in the adjacent sidewalk (see **Figure 7**). The test pit was advanced down to a depth of approximately 7.0 feet 3.5 feet south of the fill pipe. No evidence of an UST and / or UST infrastructure was found. A foundation wall was encountered along the south side of the sidewalk. The cultural fill (brick, concrete, clinker, household radiator, medicine chest, piping) encountered in Area #5 and the presence of a foundation along the sidewalk suggests the interior of a former building demolition debris. No visual or olfactory evidence of



contamination was observed. PID readings obtained from the test pit bottom and side walls were background (e.g., 0.0 ppm). Groundwater was not encountered in the test pit.

One post excavation soil sample (Area-5/S-1) was collected from the bottom of the test pit. The sample was submitted to HES to undergo chemical analysis pursuant to the DEC STARS Memo #1 testing criteria via SW846 8021/8270. Endpoint sample Area 5/S-1 was shown to be unaffected by STARS 8021 VOC parameters. However, 36,679 ug/kg of total semi-volatile organic compounds (SVOCs) were reported with five of the SVOCs (e.g., benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, and benzo(a)pyrene) being detected at concentrations exceeding DEC soil cleanup standards. The aggregate SVOC concentrations were however below the 500 ppm DEC TAGM 4046 soil quality guidance criteria for the protection of groundwater. The end point soil sample results are included in **Appendix C**.

A complete photographic log of the remedial measures completed at Areas 1 - 5 is included in **Appendix G**.

## 5.0 DISCUSSION

It is the opinion of this firm that the completed tank closure and soil removal services have removed (were possible) the ostensible contaminant sources of concern. The residual petroleum contamination documented in select end point soil and groundwater samples are considered localized and not indicative of wide spread contamination. The industrialized / commercial location of the site, the encapsulated - capped (i.e., paved) condition of each UST / soil removal zone, the lack of sensitive receptors and the use of municipal water in the study area would appear to reduce (if not eliminate) the exposure risk posed by the residual petroleum contaminants that remain. NETC's opinions regarding the low risk posed by the residual petroleum contaminants are also based on favorable soil and groundwater quality conditions documented during this and previous site assessment work performed at the site (i.e., NETC's SUBSURFACE INVESTIGATION REPORT DATED MARCH 18, 2003).

In view of the completed site assessment and the corrective action services, NETC respectfully request, on behalf of the project sponsor, regulatory administrative closure (i.e., not meeting standards) for Spill Case # 0301751. NETC remains available to assist the DEC with this and related matters, as necessary.

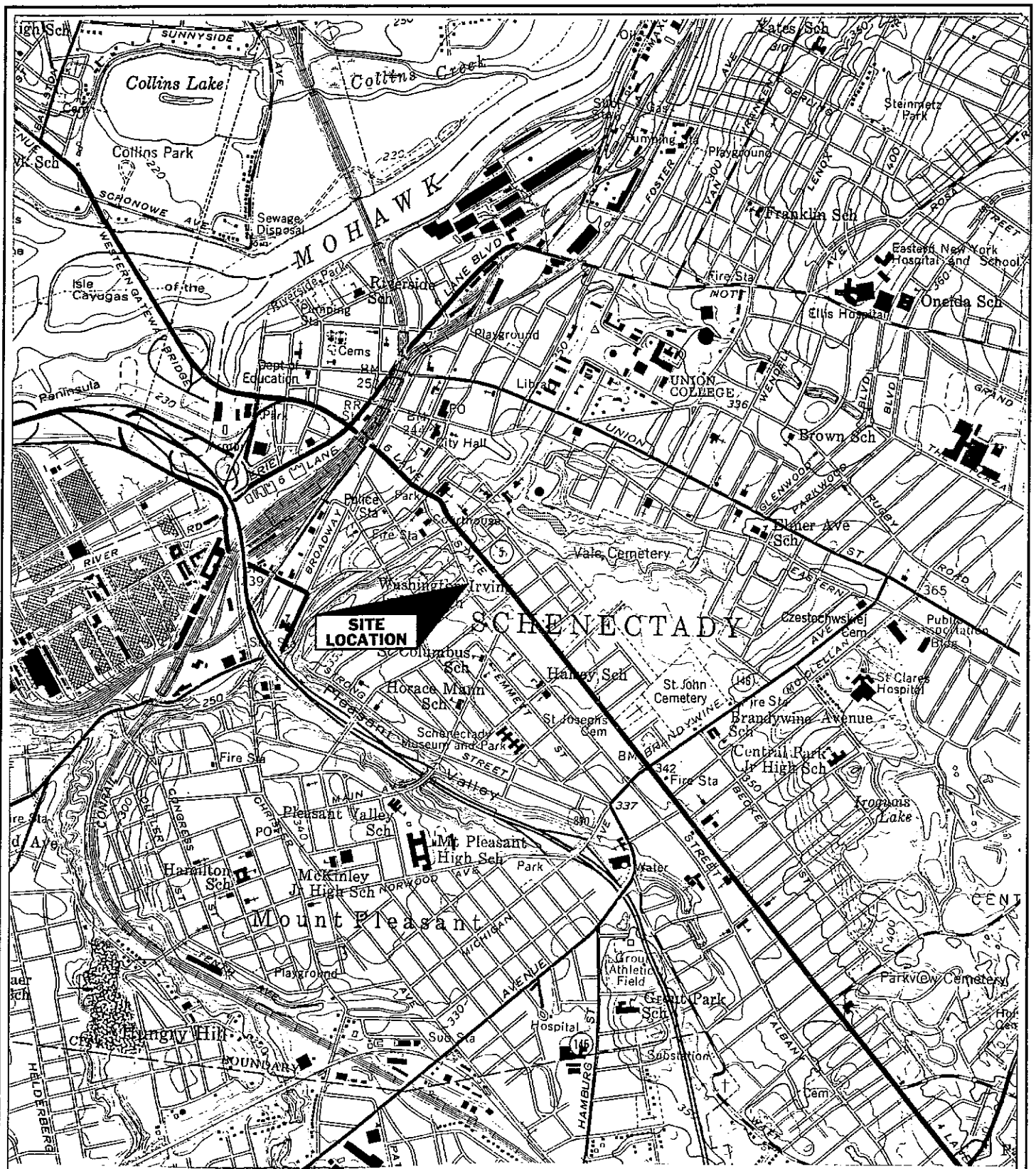
# APPENDIX A

## MAP INFORMATION & FIGURES



NORTHEASTERN  
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TECHNOLOGIES CORP.

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**FIGURE 1:** Location Map  
**PROJECT:** Mohawk Honda  
 728-756 State Street  
 Schenectady, NY

Project # 02.08164

SCALE 1"= 2000'

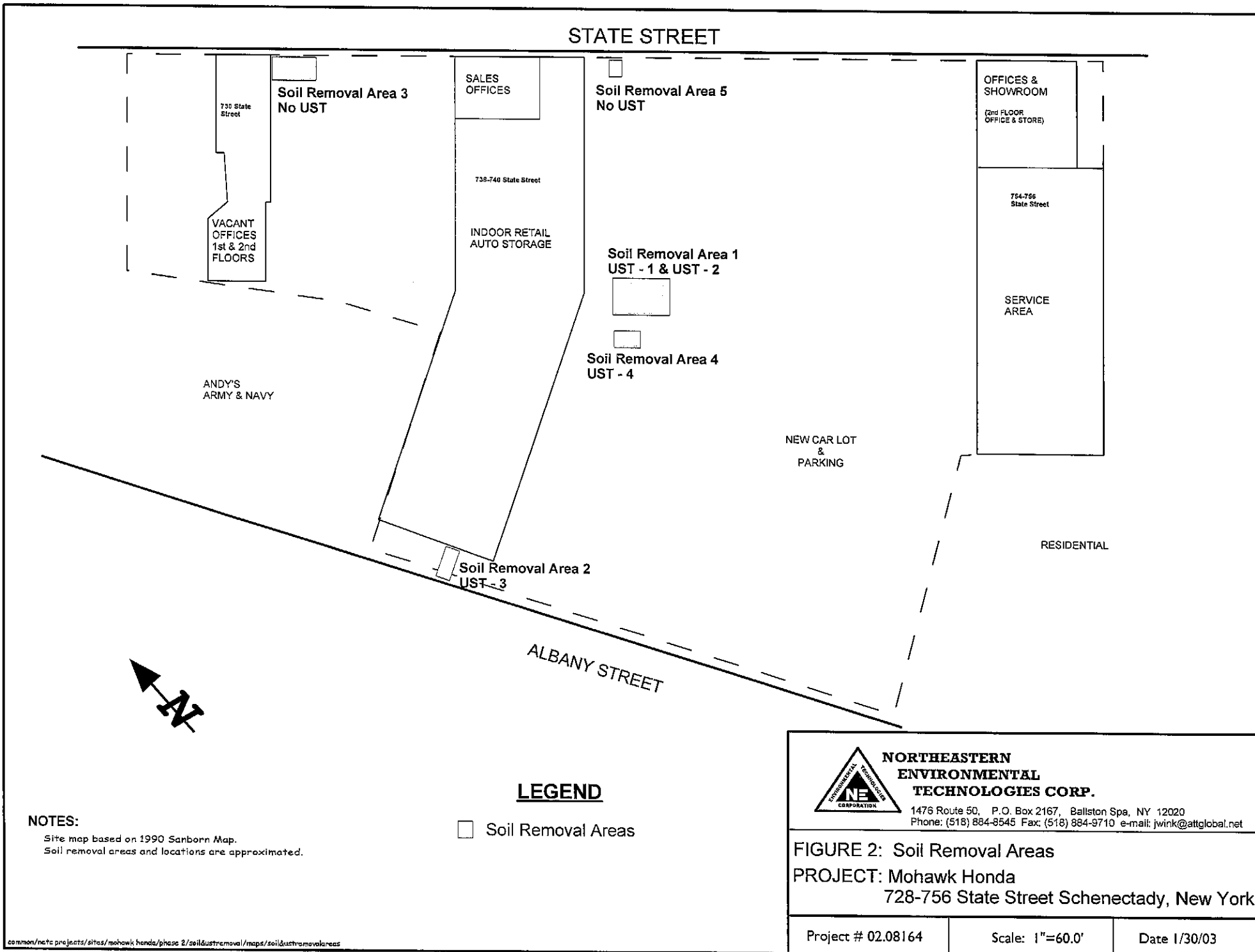
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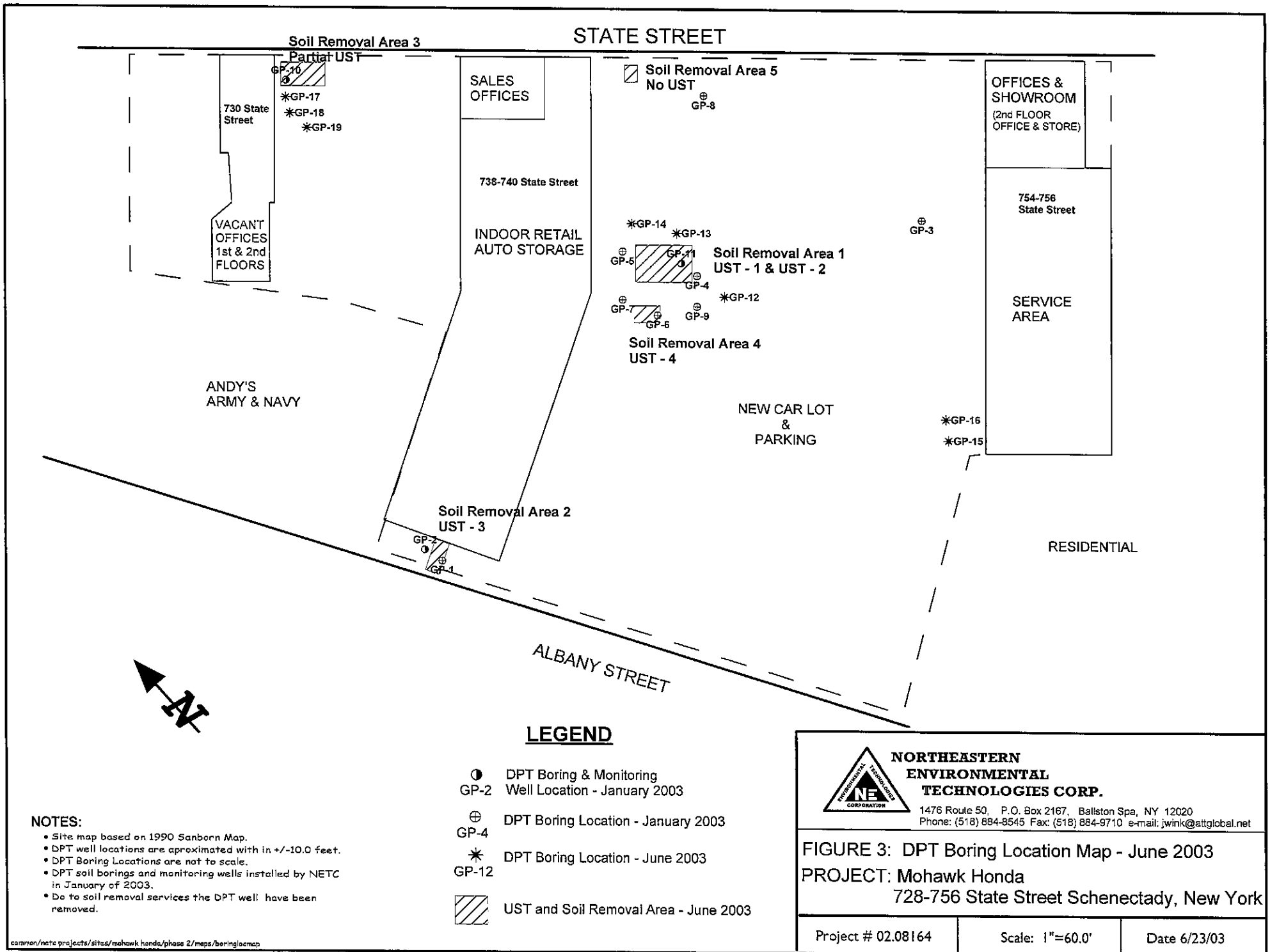


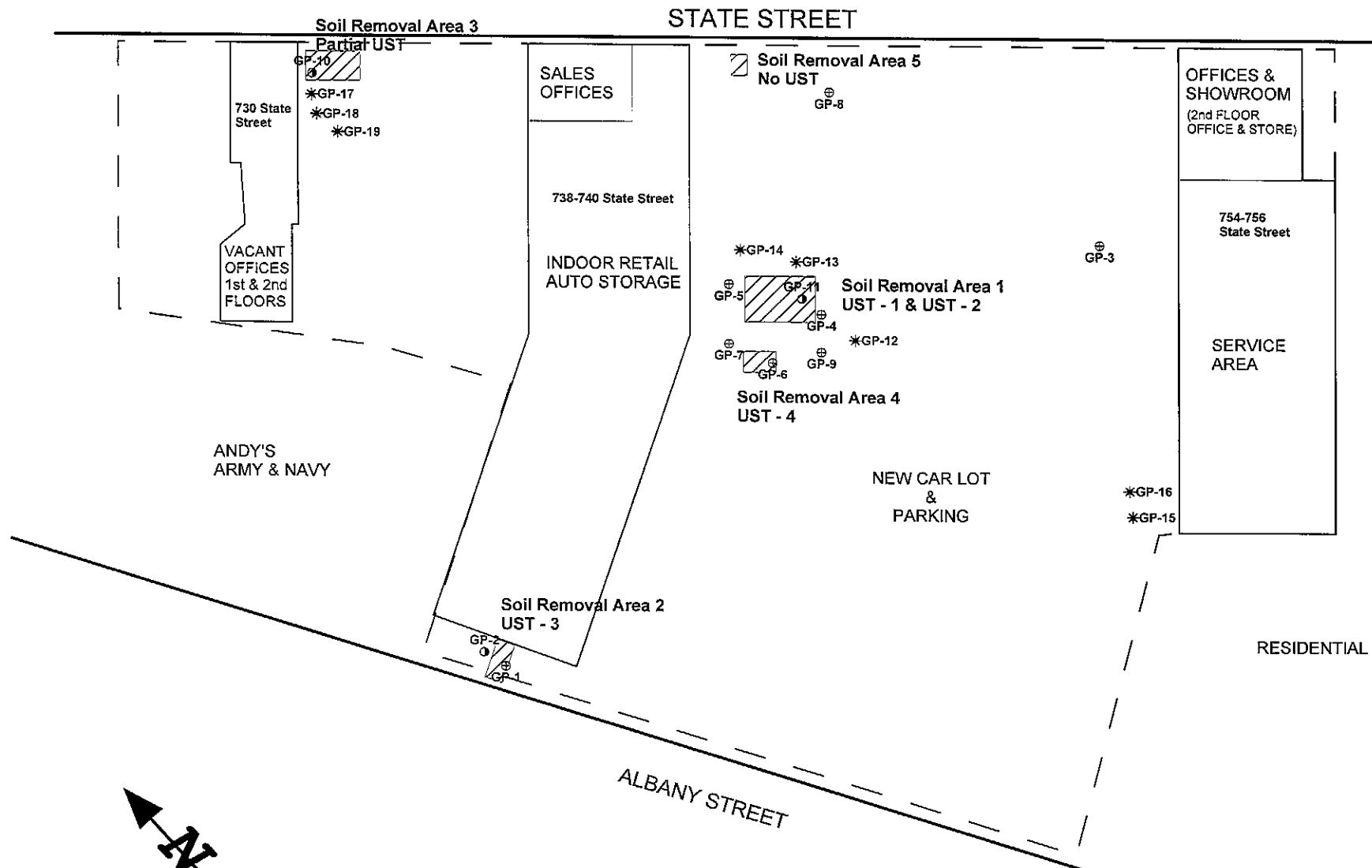
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GEO-ENVIRONMENTAL CONSULTING & PROPERTY MANAGEMENT SERVICES \*  
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 TANK CLOSURES \* EXCAVATION SERVICES \* SOIL & GROUNDWATER  
 REMEDIATION \* EXPERT TESTIMONY \* OSHA FIELD CERTIFIED





**LEGEND**

- DPT Boring & Monitoring  
GP-2 Well Location - January 2003
- ⊕ DPT Boring Location - January 2003  
GP-4
- \* DPT Boring Location - June 2003  
GP-12
- ▨ UST and Soil Removal Area - June 2003

**NOTES:**

- Site map based on 1990 Sanborn Map.
- DPT well locations are approximated with in +/-10.0 feet.
- DPT Boring Locations are not to scale.
- DPT soil borings and monitoring wells installed by NETC in January of 2003.
- Do to soil removal services the DPT well have been removed.



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**FIGURE 3: DPT Boring Location Map - June 2003**  
**PROJECT: Mohawk Honda**  
**728-756 State Street Schenectady, New York**

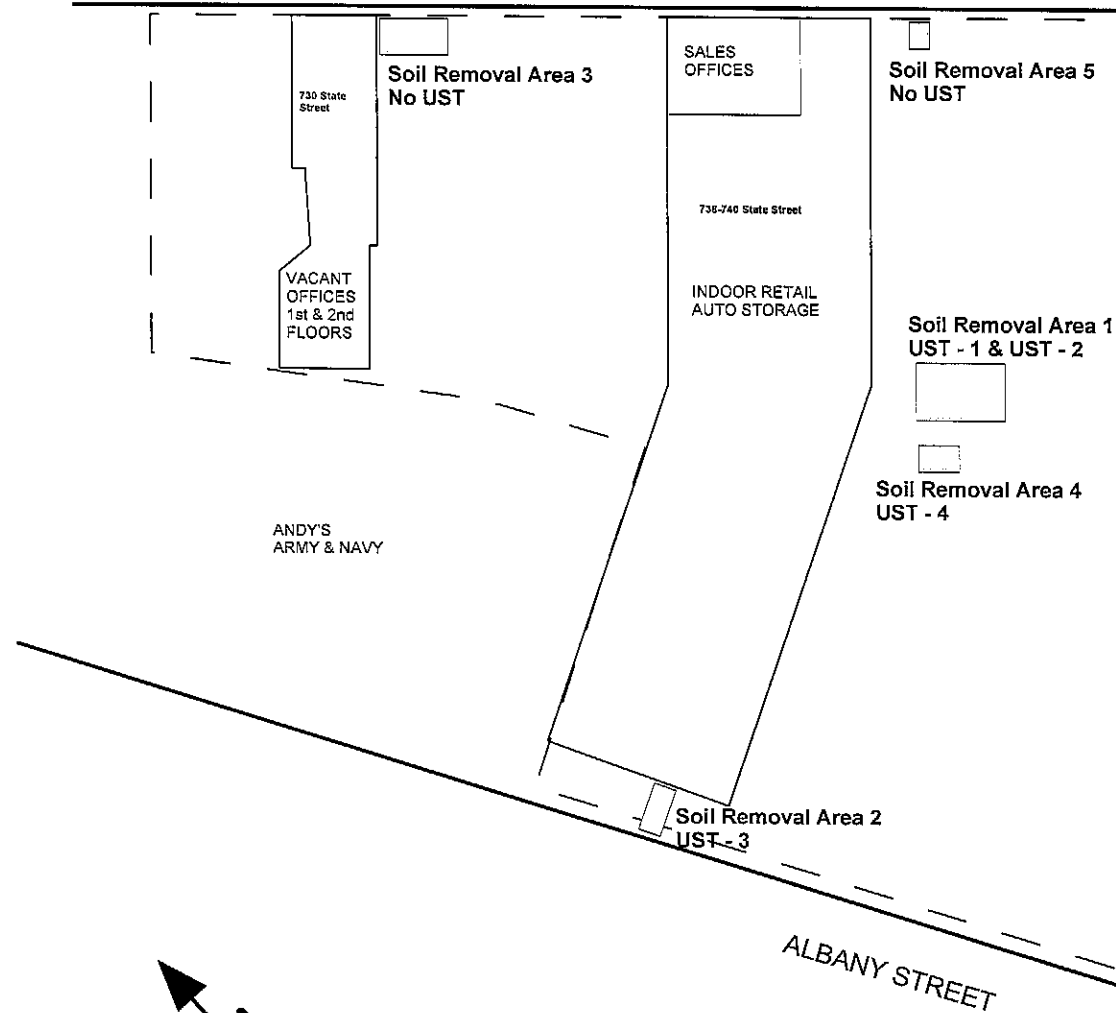
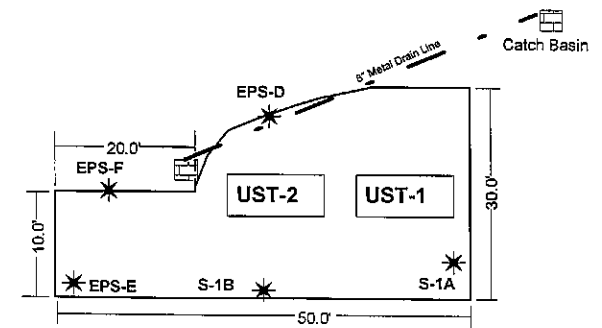
Project # 02.08164

Scale: 1"=60.0'

Date 6/23/03



STATE STREET

**Soil Removal Area 1 / UST-1 & 2****Notes:**

End point soil samples S-1A and S-1B were composited together to create one sample.

**NOTES:**

Site map based on 1990 Sanborn Map.  
Soil removal areas and locations are approximated.



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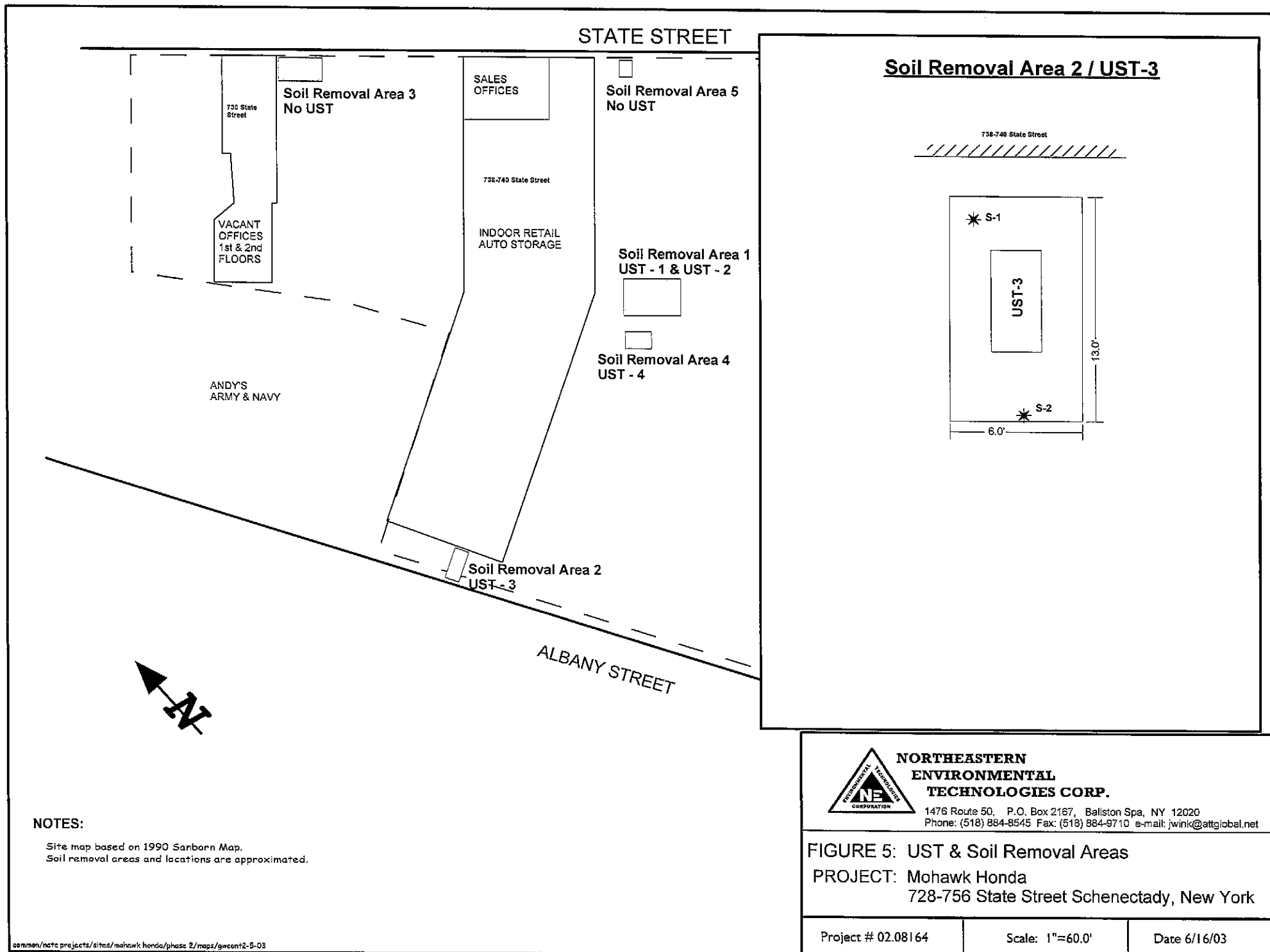
**FIGURE 4: UST & Soil Removal Areas**

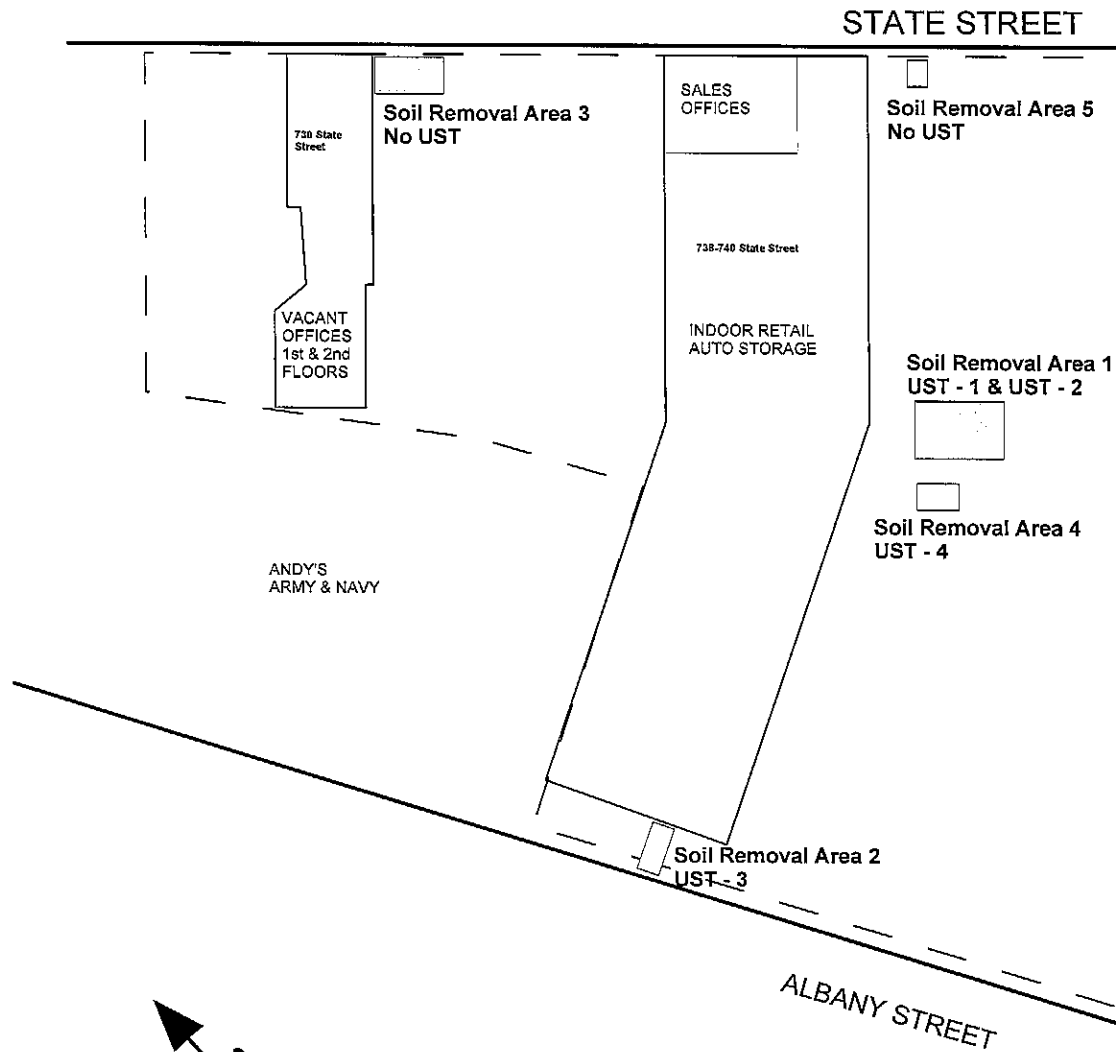
**PROJECT:** Mohawk Honda  
728-756 State Street Schenectady, New York

Project # 02.08164

Scale: 1"=60.0'

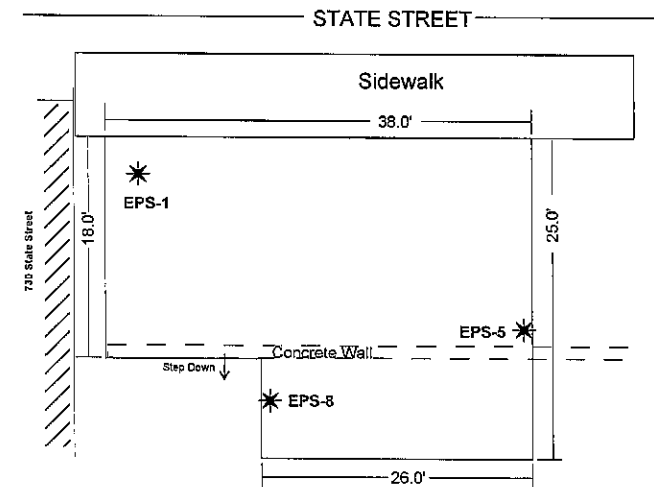
Date 6/16/03





## NOTES:

Site map based on 1990 Sanborn Map.  
Soil removal areas and locations are approximated.

**Soil Removal Area 3**

**NORTHEASTERN  
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FIGURE 6: UST &amp; Soil Removal Areas

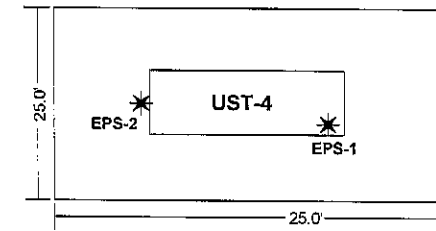
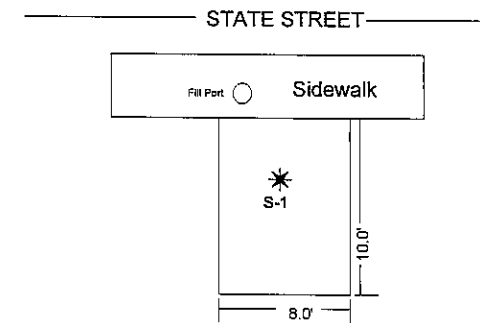
PROJECT: Mohawk Honda  
728-756 State Street Schenectady, New York

Project # 02.08164

Scale: 1"=60.0'

Date 6/16/03

STATE STREET

**Soil Removal Area 4 / UST-4****Soil Removal Area 5**

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**FIGURE 7: UST & Soil Removal Areas**

**PROJECT: Mohawk Honda**  
728-756 State Street Schenectady, New York

Project # 02.08164

Scale: 1"=60.0'

Date 6/16/03

736 State  
Street  
  
VACANT  
OFFICES  
1st & 2nd  
FLOORS

**Soil Removal Area 3**  
No UST

SALES  
OFFICES

**Soil Removal Area 5**  
No UST

736-740 State Street

INDOOR RETAIL  
AUTO STORAGE

**Soil Removal Area 1**  
UST - 1 & UST - 2

**Soil Removal Area 4**  
UST - 4

ANDY'S  
ARMY & NAVY

**Soil Removal Area 2**  
UST - 3

ALBANY STREET

**NOTES:**

Site map based on 1990 Sanborn Map.  
Soil removal areas and locations are approximated.

## APPENDIX B

# LIQUID WASTE BILL OF LADING RECEIPTS



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五、六、七

Carrier No. 54-175

Doc 6-15-53

Page 1 of 7

McC Environmental Services

150403

4b

TO: White Corp FROM: Bond - Dealings  
 Consignee S. Saratoga Street Shipper State Street  
 Street City Cohoes State NY Zip Code 12000  
 City State NY Zip Code 12000  
 24 hrs. Emergency Contact Tel. No. 1-800-451-1914

24 hr. Emergency Contact Tel. No. 1-800-451-1914

|              |     |                   |                |     |
|--------------|-----|-------------------|----------------|-----|
| Route        | 100 | BASIC DESCRIPTION | Vehicle Number | 051 |
| No. of Units | 1   |                   |                |     |

| BASIC DESCRIPTION                                               |       |
|-----------------------------------------------------------------|-------|
| Proper Shipping Name, Hazard Class, Identification Number, etc. |       |
| 1                                                               | 1.1   |
| 2                                                               | 2.1   |
| 3                                                               | 3.1   |
| 4                                                               | 4.1   |
| 5                                                               | 5.1   |
| 6                                                               | 6.1   |
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| 12                                                              | 12.1  |
| 13                                                              | 13.1  |
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| 15                                                              | 15.1  |
| 16                                                              | 16.1  |
| 17                                                              | 17.1  |
| 18                                                              | 18.1  |
| 19                                                              | 19.1  |
| 20                                                              | 20.1  |
| 21                                                              | 21.1  |
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| 27                                                              | 27.1  |
| 28                                                              | 28.1  |
| 29                                                              | 29.1  |
| 30                                                              | 30.1  |
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| 37                                                              | 37.1  |
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| 41                                                              | 41.1  |
| 42                                                              | 42.1  |
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| 77                                                              | 77.1  |
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| 88                                                              | 88.1  |
| 89                                                              | 89.1  |
| 90                                                              | 90.1  |
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| 92                                                              | 92.1  |
| 93                                                              | 93.1  |
| 94                                                              | 94.1  |
| 95                                                              | 95.1  |
| 96                                                              | 96.1  |
| 97                                                              | 97.1  |
| 98                                                              | 98.1  |
| 99                                                              | 99.1  |
| 100                                                             | 100.1 |

| IDENTIFICATION NUMBER (UNIT OR N/A), PACKING GROUP, PER 172.101, 172.202, 172.203 | (MERCURY, VOLKMAN, GALLONS, ETC.) | SUBJECT TO CONNECTION | RATE | (FOR QUANTITY USE ONLY) |
|-----------------------------------------------------------------------------------|-----------------------------------|-----------------------|------|-------------------------|
| 1                                                                                 | 1                                 | 1                     | 1    | 1                       |
| 2                                                                                 | 2                                 | 2                     | 2    | 2                       |
| 3                                                                                 | 3                                 | 3                     | 3    | 3                       |
| 4                                                                                 | 4                                 | 4                     | 4    | 4                       |
| 5                                                                                 | 5                                 | 5                     | 5    | 5                       |
| 6                                                                                 | 6                                 | 6                     | 6    | 6                       |
| 7                                                                                 | 7                                 | 7                     | 7    | 7                       |
| 8                                                                                 | 8                                 | 8                     | 8    | 8                       |
| 9                                                                                 | 9                                 | 9                     | 9    | 9                       |
| 10                                                                                | 10                                | 10                    | 10   | 10                      |
| 11                                                                                | 11                                | 11                    | 11   | 11                      |
| 12                                                                                | 12                                | 12                    | 12   | 12                      |
| 13                                                                                | 13                                | 13                    | 13   | 13                      |
| 14                                                                                | 14                                | 14                    | 14   | 14                      |
| 15                                                                                | 15                                | 15                    | 15   | 15                      |
| 16                                                                                | 16                                | 16                    | 16   | 16                      |
| 17                                                                                | 17                                | 17                    | 17   | 17                      |
| 18                                                                                | 18                                | 18                    | 18   | 18                      |
| 19                                                                                | 19                                | 19                    | 19   | 19                      |
| 20                                                                                | 20                                | 20                    | 20   | 20                      |
| 21                                                                                | 21                                | 21                    | 21   | 21                      |
| 22                                                                                | 22                                | 22                    | 22   | 22                      |
| 23                                                                                | 23                                | 23                    | 23   | 23                      |
| 24                                                                                | 24                                | 24                    | 24   | 24                      |
| 25                                                                                | 25                                | 25                    | 25   | 25                      |
| 26                                                                                | 26                                | 26                    | 26   | 26                      |
| 27                                                                                | 27                                | 27                    | 27   | 27                      |
| 28                                                                                | 28                                | 28                    | 28   | 28                      |
| 29                                                                                | 29                                | 29                    | 29   | 29                      |
| 30                                                                                | 30                                | 30                    | 30   | 30                      |
| 31                                                                                | 31                                | 31                    | 31   | 31                      |
| 32                                                                                | 32                                | 32                    | 32   | 32                      |
| 33                                                                                | 33                                | 33                    | 33   | 33                      |
| 34                                                                                | 34                                | 34                    | 34   | 34                      |
| 35                                                                                | 35                                | 35                    | 35   | 35                      |
| 36                                                                                | 36                                | 36                    | 36   | 36                      |
| 37                                                                                | 37                                | 37                    | 37   | 37                      |
| 38                                                                                | 38                                | 38                    | 38   | 38                      |
| 39                                                                                | 39                                | 39                    | 39   | 39                      |
| 40                                                                                | 40                                | 40                    | 40   | 40                      |
| 41                                                                                | 41                                | 41                    | 41   | 41                      |
| 42                                                                                | 42                                | 42                    | 42   | 42                      |
| 43                                                                                | 43                                | 43                    | 43   | 43                      |
| 44                                                                                | 44                                | 44                    | 44   | 44                      |
| 45                                                                                | 45                                | 45                    | 45   | 45                      |
| 46                                                                                | 46                                | 46                    | 46   | 46                      |
| 47                                                                                | 47                                | 47                    | 47   | 47                      |
| 48                                                                                | 48                                | 48                    | 48   | 48                      |
| 49                                                                                | 49                                | 49                    | 49   | 49                      |
| 50                                                                                | 50                                | 50                    | 50   | 50                      |
| 51                                                                                | 51                                | 51                    | 51   | 51                      |
| 52                                                                                | 52                                | 52                    | 52   | 52                      |
| 53                                                                                | 53                                | 53                    | 53   | 53                      |
| 54                                                                                | 54                                | 54                    | 54   | 54                      |
| 55                                                                                | 55                                | 55                    | 55   | 55                      |
| 56                                                                                | 56                                | 56                    | 56   | 56                      |
| 57                                                                                | 57                                | 57                    | 57   | 57                      |
| 58                                                                                | 58                                | 58                    | 58   | 58                      |
| 59                                                                                | 59                                | 59                    | 59   | 59                      |
| 60                                                                                | 60                                | 60                    | 60   | 60                      |
| 61                                                                                | 61                                | 61                    | 61   | 61                      |
| 62                                                                                | 62                                | 62                    | 62   | 62                      |
| 63                                                                                | 63                                | 63                    | 63   | 63                      |
| 64                                                                                | 64                                | 64                    | 64   | 64                      |
| 65                                                                                | 65                                | 65                    | 65   | 65                      |
| 66                                                                                | 66                                | 66                    | 66   | 66                      |
| 67                                                                                | 67                                | 67                    | 67   | 67                      |
| 68                                                                                | 68                                | 68                    | 68   | 68                      |
| 69                                                                                | 69                                | 69                    | 69   | 69                      |
| 70                                                                                | 70                                | 70                    | 70   | 70                      |
| 71                                                                                | 71                                | 71                    | 71   | 71                      |
| 72                                                                                | 72                                | 72                    | 72   | 72                      |
| 73                                                                                | 73                                | 73                    | 73   | 73                      |
| 74                                                                                | 74                                | 74                    | 74   | 74                      |
| 75                                                                                | 75                                | 75                    | 75   | 75                      |
| 76                                                                                | 76                                | 76                    | 76   | 76                      |
| 77                                                                                | 77                                | 77                    | 77   | 77                      |
| 78                                                                                | 78                                | 78                    | 78   | 78                      |
| 79                                                                                | 79                                | 79                    | 79   | 79                      |
| 80                                                                                | 80                                | 80                    | 80   | 80                      |
| 81                                                                                | 81                                | 81                    | 81   | 81                      |
| 82                                                                                | 82                                | 82                    | 82   | 82                      |
| 83                                                                                | 83                                | 83                    | 83   | 83                      |
| 84                                                                                | 84                                | 84                    | 84   | 84                      |
| 85                                                                                | 85                                | 85                    | 85   | 85                      |
| 86                                                                                | 86                                | 86                    |      |                         |

|   |                   | Contract No. | Quantity | Unit Price | Total Price | Remarks | Date | Signature | Stamp |
|---|-------------------|--------------|----------|------------|-------------|---------|------|-----------|-------|
| X | Gasoline Fuel Oil | Shkuta Hukta | 1330     |            |             |         |      |           |       |
|   | 3 N/A- 1203       | pg IV        | 9AL      |            |             |         |      |           |       |

3NA-1203 pg 171

SEN 217431

62563

PLACARDS TENDERED: YES ☒ NO ☐

|                                                                                                                                                                                                                                                                        |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Notes - (3) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated as the sum of \$_____." | I hereby declare that the contents of this consignment are fully and accurately |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|

12.02 Where the applicable limit per person's specified in the carrier's liability schedule is a value determined by the weight and the type of cargo, the carrier's liability of a declared value, the carrier's liability shall be limited by such provisions. See NMIC Item 12.2.

must be so marked and packaged as to ensure safe transportation. See Section 21(a) of Item 360, Rules of Listing, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

[illegible]

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6-78-03

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THE UNIVERSITY OF CHICAGO





ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING  
ORIGINAL - NOT NEGOTIABLE

Shipper No.

Page 1 of 1  
Carrier No. 5A125  
Date 7-14-03

(Name of carrier)

On Collier on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 435, Sec. 1.

TO: Consignee  
Avalite Corp  
Street S SARA TOGA STREET  
City Colton State NY Zip Code  
FROM: Shipper  
Avalite Corp  
Street Rt 5  
City Schenectady State NY Zip Code  
24 hr. Emergency Contact Tel. No. 800-451-8864

| Route                         |                                                                                                                                         | Vehicle Number                                    |                                   | 052  |                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|------|-----------------------------------|
| No. of Units & Container Type | BASIC DESCRIPTION<br>Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203 | TOTAL QUANTITY<br>(Weight, Volume, Gallons, etc.) | WEIGHT<br>(Subject to Correction) | RATE | CHARGES<br>(For Carrier Use Only) |
| 1<br>HM                       | X Gasoline & Water Mixture                                                                                                              | 150                                               |                                   |      |                                   |
| 11                            | 3 WA. 1203 pg 111                                                                                                                       | 9AL                                               |                                   |      |                                   |
|                               | SAU217 488                                                                                                                              |                                                   |                                   |      |                                   |

PLACARDS TENDERED: YES ☐ NO ☐

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. (2) Where the property is not exceeding the carrier's liability or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See IMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

REMIT C.O.D. TO: ADDRESS  
COD Amt: \$  
G.O.D. FEE: PREPAID ☐ COLLECT ☐ \$  
TOTAL CHARGES: \$  
FREIGHT CHARGES: \$  
FREIGHT PREPAID ☐ Freight collect ☐ Freight is checked ☐

RECEIVED, subject to classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under contract) agrees to carry to its usual place of delivery at said destination, on its route, otherwise to deliver to another place or the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification and conditions in the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Avalite Corp  
CARRIER: MCES  
PER: Walter J. Cook  
PER: Roger L. Calow  
DATE: 7-14-03

## APPENDIX C

# SOIL QUALITY LABORATORY REPORTS



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@attglobal.net](mailto:jwink@attglobal.net)

**TABLE 1**  
**SOIL ANALYTICAL DATA (STARS 8021)**  
**Mohawk Honda**  
 728 - 756 State Street Schenectady, New York  
 Sampled from June 20 to July 1, 2003

| PARAMETER               | SOIL SAMPLE DESCRIPTION |                        |                        |                  | DEC    |
|-------------------------|-------------------------|------------------------|------------------------|------------------|--------|
|                         | Date Collected 6/20/03  | Date Collected 6/30/03 | Date Collected 7/01/03 |                  |        |
|                         | UST-1 / S-1A&B          | UST -1&2 / EPS-D       | UST -1&2 / EPS-E       | UST -1&2 / EPS-F |        |
| MTBE                    | <6.1                    | <5.9                   | <5.4                   | <6.0             | 1000   |
| Benzene                 | <6.1                    | <5.9                   | <5.4                   | <6.0             | 60     |
| Toluene                 | <6.1                    | <5.9                   | 22.0                   | 14               | 1500   |
| Ethylbenzene            | <6.1                    | <5.9                   | <5.4                   | 11               | 5500   |
| m-Xylene / p-Xylene     | <6.1                    | <5.9                   | <5.4                   | 49               | 1200   |
| o-Xylene                | <6.1                    | <5.9                   | <5.4                   | <6.0             | 1200   |
| Isopropylbenzene        | <6.1                    | <5.9                   | <5.4                   | 17               | -----* |
| n-Propylbenzene         | <6.1                    | <5.9                   | <5.4                   | 57               | -----* |
| 1,3,5- Trimethylbenzene | <6.1                    | <5.9                   | <5.4                   | 51               | -----* |
| tert-Butylbenzene       | <6.1                    | <5.9                   | <5.4                   | <6.0             | -----* |
| 1,2,4- Trimethylbenzene | <6.1                    | <5.9                   | <5.4                   | 288              | -----* |
| sec-Butylbenzene        | <6.1                    | <5.9                   | <5.4                   | 29               | -----* |
| p-Isopropyltoluene      | <6.1                    | <5.9                   | 41.0                   | 8.7              | -----* |
| n-Butylbenzene          | <6.1                    | <5.9                   | <5.4                   | <6.0             | -----* |
| Non-target peaks        | Negative                | Negative               | Negative               | Positive#        | -----  |
| Total VOC's             | -----                   | -----                  | 63.0                   | 126.0            | -----  |

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

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

\*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

# = Heavy Fuel Pattern



## 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: 06/20/03SAMPLE DESCRIPTION: UST 1/S-1 A-B/13.5'-15.5'TIME SAMPLED: 2:00 PMMATRIX: SoilDATE SAMPLE RECD: 06/25/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030625T01SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| Benzene                | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| Toluene                | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| Ethylbenzene           | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| o-Xylene               | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| Isopropylbenzene       | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| n-Propylbenzene        | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| tert, Butylbenzene     | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| sec-Butylbenzene       | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| p-Isopropyltoluene     | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| n-Butylbenzene         | SW846-8260B   | <6.1          | ug/kg        | 07/03/03         |
| Non-Target Peaks       |               | Negative      |              |                  |
| Total Solids           | EPA 160.3     | 82            | %            | 06/26/03         |



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

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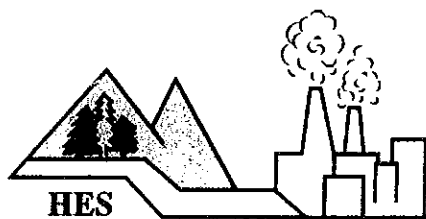
Phone: 518/747-1060 Fax: 518/747-1062

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

CLIENT: Northeastern Environmental Technologies, Corp. TIME SAMPLED: 06/30/03SAMPLE DESCRIPTION: UST 1-2/EPS-D/12.5'TIME SAMPLED: 2:20 pmMATRIX: SoilDATE SAMPLE RECD: 07/09/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030709TT01SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| Benzene                | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| Toluene                | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| Ethylbenzene           | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| o-Xylene               | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| Isopropylbenzene       | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| n-Propylbenzene        | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| tert, Butylbenzene     | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| sec-Butylbenzene       | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| p-Isopropyltoluene     | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| n-Butylbenzene         | SW846-8260B   | <5.9          | ug/kg        | 07/12/03         |
| Non-Target Peaks       |               | Negative      |              |                  |
| Total Solids           | EPA 160.3     | 84            | %            | 07/11/03         |





## 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. TIME SAMPLED: 07/01/03SAMPLE DESCRIPTION: UST 1-2/EPS-E/16.0'TIME SAMPLED: 9:25 amMATRIX: SoilDATE SAMPLE RECD: 07/09/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030709TT02SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Benzene                | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Toluene                | SW846-8260B   | 22            | ug/kg        | 07/12/03         |
| Ethylbenzene           | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| o-Xylene               | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Isopropylbenzene       | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| n-Propylbenzene        | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| tert,Butylbenzene      | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| sec-Butylbenzene       | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| p-Isopropyltoluene     | SW846-8260B   | 41            | ug/kg        | 07/12/03         |
| n-Butylbenzene         | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Non-Target Peaks       |               | Negative      |              |                  |
| Total Solids           | EPA 160.3     | 84            | %            | 07/11/03         |



## HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

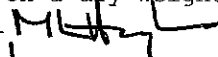
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp. TIME SAMPLED: 07/01/03SAMPLE DESCRIPTION: UST 1-2/EPS-F/14.0'TIME SAMPLED: 10:00 amMATRIX: SoilDATE SAMPLE RECD: 07/09/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030709TT03SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <6.0          | ug/kg        | 07/12/03         |
| Benzene                | SW846-8260B   | <6.0          | ug/kg        | 07/12/03         |
| Toluene                | SW846-8260B   | 14            | ug/kg        | 07/12/03         |
| Ethylbenzene           | SW846-8260B   | 11            | ug/kg        | 07/12/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | 49            | ug/kg        | 07/12/03         |
| o-Xylene               | SW846-8260B   | <6.0          | ug/kg        | 07/12/03         |
| Isopropylbenzene       | SW846-8260B   | 17            | ug/kg        | 07/12/03         |
| n-Propylbenzene        | SW846-8260B   | 57            | ug/kg        | 07/12/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | 51            | ug/kg        | 07/12/03         |
| tert,Butylbenzene      | SW846-8260B   | <6.0          | ug/kg        | 07/12/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | 288           | ug/kg        | 07/12/03         |
| sec-Butylbenzene       | SW846-8260B   | 29            | ug/kg        | 07/12/03         |
| p-Isopropyltoluene     | SW846-8260B   | 8.7           | ug/kg        | 07/12/03         |
| n-Butylbenzene         | SW846-8260B   | <6.0          | ug/kg        | 07/12/03         |
| Non-Target Peaks       |               | Positive*     |              |                  |
| *Heavy fuel pattern.   |               |               |              |                  |

Total Solids EPA 160.3 83 % 07/11/03

All results on a dry weight.

Approval By: 

Date: 7/23/03

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.

# SOIL REMOVAL AREA 2 / UST-3

## END POINT SOIL QUALITY

**TABLE 2**

SOIL ANALYTICAL DATA (STARS 8021 / 8270)

**Mohawk Honda**

728 - 756 State Street Schenectady, New York

Sampled on June 19, 2003

| PARAMETER                   | SOIL SAMPLE DESCRIPTION |              | DEC            |
|-----------------------------|-------------------------|--------------|----------------|
|                             | UST-3 / S-1             | UST-3 / S-2  |                |
| MTBE                        | <5.8                    | <6.2         | 1000           |
| Benzene                     | <5.8                    | <6.2         | 60             |
| Toluene                     | <5.8                    | <6.2         | 1500           |
| Ethylbenzene                | 66.0                    | <6.2         | 5500           |
| m-Xylene / p-Xylene         | 27.0                    | <6.2         | 1200           |
| o-Xylene                    | 282.0                   | <6.2         | 1200           |
| Isopropylbenzene            | 232.0                   | <6.2         | -----*         |
| n-Propylbenzene             | 715.0                   | <6.2         | -----*         |
| 1,3,5- Trimethylbenzene     | 3,638.0                 | <6.2         | -----*         |
| tert-Butylbenzene           | 128.0                   | <6.2         | -----*         |
| 1,2,4- Trimethylbenzene     | 165.0                   | <6.2         | -----*         |
| sec-Butylbenzene            | 1,041.0                 | <6.2         | -----*         |
| p-Isopropyltoluene          | 1,020.0                 | <6.2         | -----*         |
| n-Butylbenzene              | 14.0                    | <6.2         | -----*         |
| <b>Total VOC's</b>          | <b>7,328.0</b>          | <b>-----</b> | <b>10000*</b>  |
| Naphthalene                 | 2,078.0                 | <407         | 13000          |
| Acenaphthene                | <384                    | <407         | 50,000*        |
| Fluorene                    | <384                    | <407         | 50,000*        |
| Phenanthrene                | <384                    | <407         | 50,000*        |
| Anthracene                  | <384                    | <407         | 50,000*        |
| Fluoranthene                | <384                    | <407         | 50,000*        |
| Pyrene                      | <384                    | <407         | 50,000*        |
| Benzo(a)anthracene          | <384                    | <407         | 224 or MDL     |
| Chrysene                    | <384                    | <407         | 400            |
| Benzo(b)fluoranthene        | <384                    | <407         | 1100           |
| Benzo(k)fluoranthene        | <384                    | <407         | 1100           |
| Benzo(a)pyrene              | <384                    | <407         | 61 or MDL      |
| Indeno(1,2,3-cd)pyrene      | <384                    | <407         | 3200           |
| Dibenz(a,h)anthracene       | <384                    | <407         | 14 or MDL      |
| Benzo(g,h,i)perylene        | <384                    | <407         | 50,000*        |
| <b>Total SVOCs</b>          | <b>2,078.0</b>          | <b>-----</b> | <b>500,000</b> |
| Non-target peaks            | Positive#               | Positive#    | -----          |
| <b>Total VOC &amp; SVOC</b> | <b>9,406.0</b>          | <b>-----</b> | <b>-----</b>   |

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

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

\* = as per TAGM #4046; Total VOC &lt;= 10ppm; Total SVOC &lt;= 500ppm; Individual SVOC &lt;= 50ppm

# = Heavy Fuel Pattern



## 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: 06/19/03

SAMPLE DESCRIPTION: UST 3/S-1/7.0'

TIME SAMPLED: 4:00 PM

MATRIX: Soil

DATE SAMPLE RECD: 06/25/03

LOCATION: Mohawk Honda

TYPE SAMPLE: Grab

H.E.S.#: 030625T02

SAMPLER: W.Cook/NETC

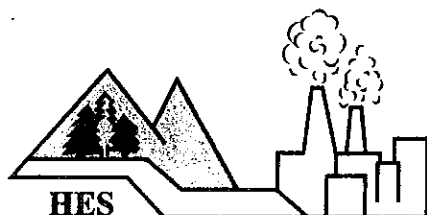
| PARAMETER                | METHOD      | RESULT | UNITS | TEST DATE |
|--------------------------|-------------|--------|-------|-----------|
| MTBE                     | SW846-8260B | <5.8   | ug/kg | 07/03/03  |
| Benzene                  | SW846-8260B | <5.8   | ug/kg | 07/03/03  |
| Toluene                  | SW846-8260B | <5.8   | ug/kg | 07/03/03  |
| Ethylbenzene             | SW846-8260B | 66     | ug/kg | 07/03/03  |
| m-Xylene\p-Xylene        | SW846-8260B | 27     | ug/kg | 07/03/03  |
| o-Xylene                 | SW846-8260B | 282    | ug/kg | 07/03/03  |
| Isopropylbenzene         | SW846-8260B | 232    | ug/kg | 07/03/03  |
| n-Propylbenzene          | SW846-8260B | 715    | ug/kg | 07/03/03  |
| 1,3,5-Trimethylbenzene   | SW846-8260B | 3,638  | ug/kg | 07/03/03  |
| tert, Butylbenzene       | SW846-8260B | 128    | ug/kg | 07/03/03  |
| 1,2,4-Trimethylbenzene   | SW846-8260B | 165    | ug/kg | 07/03/03  |
| sec-Butylbenzene         | SW846-8260B | 1,041  | ug/kg | 07/03/03  |
| p-Isopropyltoluene       | SW846-8260B | 1,020  | ug/kg | 07/03/03  |
| n-Butylbenzene           | SW846-8260B | 14     | ug/kg | 07/03/03  |
| Naphthalene              | SW846-8270C | 2,078  | ug/kg | 06/26/03  |
| Acenaphthene             | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Fluorene                 | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Phenanthrene             | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Anthracene               | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Fluoranthene             | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Pyrene                   | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Benzo (a) anthracene     | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Chrysene                 | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Benzo (b) fluoranthene   | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Benzo (k) fluoranthene   | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Benzo (a) pyrene         | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Indeno (1,2,3-CD) pyrene | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Dibenz (a,h) anthracene  | SW846-8270C | <384   | ug/kg | 06/26/03  |
| Benzo (g,h,i) perylene   | SW846-8270C | <384   | ug/kg | 06/26/03  |

Non-Target Peaks

Positive\*

\*Heavy fuel pattern.

|              |           |    |   |          |
|--------------|-----------|----|---|----------|
| Total Solids | EPA 160.3 | 86 | % | 06/26/03 |
|--------------|-----------|----|---|----------|



## HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 06/19/03  
SAMPLE DESCRIPTION: UST 3/S-2/7.0' TIME SAMPLED: 4:00 PM  
MATRIX: Soil DATE SAMPLE RECD: 06/25/03  
LOCATION: Mohawk Honda TYPE SAMPLE: Grab  
H.E.S.#: 030625T03 SAMPLER: W.Cook/NETC

| PARAMETER                   | METHOD      | RESULT    | UNITS | TEST DATE |
|-----------------------------|-------------|-----------|-------|-----------|
| MTBE                        | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| Benzene                     | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| Toluene                     | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| Ethylbenzene                | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| m-Xylene\p-Xylene           | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| o-Xylene                    | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| Isopropylbenzene            | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| n-Propylbenzene             | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| 1,3,5-Trimethylbenzene      | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| tert,Butylbenzene           | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| 1,2,4-Trimethylbenzene      | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| sec-Butylbenzene            | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| p-Isopropyltoluene          | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| n-Butylbenzene              | SW846-8260B | <6.2      | ug/kg | 07/03/03  |
| Naphthalene                 | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Acenaphthene                | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Fluorene                    | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Phenanthrene                | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Anthracene                  | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Fluoranthene                | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Pyrene                      | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Benzo (a) anthracene        | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Chrysene                    | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Benzo (b) fluoranthene      | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Benzo (k) fluoranthene      | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Benzo (a) pyrene            | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Indeno (1,2,3-CD) pyrene    | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Dibenz (a,h) anthracene     | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Benzo (g,h,i) perylene      | SW846-8270C | <407      | ug/kg | 06/26/03  |
| Non-Target Peaks            |             | Positive* |       |           |
| *Slight heavy fuel pattern. |             |           |       |           |

Total Solids EPA 160.3 81 % 06/26/03

All results on a dry weight.

Approval By: *MLH*

Date: 7/14/03

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.



## SOIL REMOVAL AREA 3

## END POINT SOIL QUALITY

**TABLE 3**  
**SOIL ANALYTICAL DATA (STARS 8021 / 8270)**  
**Mohawk Honda**  
 728 - 756 State Street Schenectady, New York

Sampled on June 27, 2003

| PARAMETER                   | SOIL SAMPLE DESCRIPTION |                |                | DEC            |
|-----------------------------|-------------------------|----------------|----------------|----------------|
|                             | Area 3 / EPS-1          | Area 3 / EPS-5 | Area 3 / EPS-8 |                |
| MTBE                        | <6.3                    | <6.7           | <5.9           | 1000           |
| Benzene                     | <6.3                    | <6.7           | <5.9           | 60             |
| Toluene                     | <6.3                    | <6.7           | <5.9           | 1500           |
| Ethylbenzene                | <6.3                    | <6.7           | <5.9           | 5500           |
| m-Xylene / p-Xylene         | <6.3                    | <6.7           | <5.9           | 1200           |
| o-Xylene                    | <6.3                    | <6.7           | <5.9           | 1200           |
| Isopropylbenzene            | <6.3                    | <6.7           | <5.9           | -----*         |
| n-Propylbenzene             | <6.3                    | <6.7           | <5.9           | -----*         |
| 1,3,5- Trimethylbenzene     | <6.3                    | <6.7           | <5.9           | -----*         |
| tert-Butylbenzene           | <6.3                    | <6.7           | <5.9           | -----*         |
| 1,2,4- Trimethylbenzene     | <6.3                    | <6.7           | <5.9           | -----*         |
| sec-Butylbenzene            | <6.3                    | <6.7           | 225.0          | -----*         |
| p-Isopropyltoluene          | 32.0                    | <6.7           | <5.9           | -----*         |
| n-Butylbenzene              | <6.3                    | <6.7           | <5.9           | -----*         |
| <b>Total VOC's</b>          | <b>32.0</b>             | <b>-----</b>   | <b>225.0</b>   | <b>10000*</b>  |
| Naphthalene                 | <418                    | <440           | <388           | 13000          |
| Acenaphthene                | <418                    | <440           | <388           | 50,000*        |
| Fluorene                    | <418                    | <440           | <388           | 50,000*        |
| Phenanthrene                | <418                    | <440           | <388           | 50,000*        |
| Anthracene                  | <418                    | <440           | <388           | 50,000*        |
| Fluoranthene                | <418                    | <440           | <388           | 50,000*        |
| Pyrene                      | <418                    | <440           | <388           | 50,000*        |
| Benzo(a)anthracene          | <418                    | <440           | <388           | 224 or MDL     |
| Chrysene                    | <418                    | <440           | <388           | 400            |
| Benzo(b)fluoranthene        | <418                    | <440           | <388           | 1100           |
| Benzo(k)fluoranthene        | <418                    | <440           | <388           | 1100           |
| Benzo(a)pyrene              | <418                    | <440           | <388           | 61 or MDL      |
| Indeno(1,2,3-cd)pyrene      | <418                    | <440           | <388           | 3200           |
| Dibenz(a,h)anthracene       | <418                    | <440           | <388           | 14 or MDL      |
| Benzo(g,h,i)perylene        | <418                    | <440           | <388           | 50,000*        |
| <b>Total SVOCs</b>          | <b>-----</b>            | <b>-----</b>   | <b>-----</b>   | <b>500,000</b> |
| Non-target peaks            | Positive#               | Negative       | Positive#      | -----          |
| <b>Total VOC &amp; SVOC</b> | <b>32.0</b>             | <b>-----</b>   | <b>225.0</b>   | <b>-----</b>   |

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

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

\*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

# = Heavy Fuel Pattern



## 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.O.C.H. Lab ID#111140

CLIENT: Northeastern Environmental Services, Inc.

DATE SAMPLED: 06/27/03

SAMPLE DESCRIPTION: Area 3/EPS-1/14.5'

TIME SAMPLED: 10:00 AM

MATRIX: Soil

DATE SAMPLE RECD: 07/01/03

LOCATION: Mohawk Honda

TYPE SAMPLE: Grab

H.E.S.#: 030701HD1

SAMPLER: W. Cook/NETC

| PARAMETER                    | METHOD      | RESULT    | UNITS | TEST DATE |
|------------------------------|-------------|-----------|-------|-----------|
| MTBE                         | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| Benzene                      | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| Toluene                      | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| Ethylbenzene                 | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| m-Xylene/p-Xylene            | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| o-Xylene                     | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| Isopropylbenzene             | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| n-Propylbenzene              | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| 1,3,5-Trimethylbenzene       | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| tert-Butylbenzene            | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| 1,2,4-Trimethylbenzene       | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| sec-Butylbenzene             | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| p-Isopropyltoluene           | SW846-8260B | 32        | ug/kg | 07/11/03  |
| n-Butylbenzene               | SW846-8260B | <6.3      | ug/kg | 07/11/03  |
| Naphthalene                  | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Acenaphthene                 | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Fluorene                     | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Phenanthrene                 | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Anthracene                   | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Fluoranthene                 | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Pyrene                       | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Benzo (a) anthracene         | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Chrysene                     | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Benzo (b) fluoranthene       | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Benzo (k) fluoranthene       | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Benzo (a) pyrene             | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Indeno (1,2,3-CD) pyrene     | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Dibenz (a,h) anthracene      | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Benzo (g,h,i) perylene       | SW846-8270C | <418      | ug/kg | 07/17/03  |
| Non-Target Peaks             |             | Positive* |       |           |
| *Heavy fuel pattern present. |             |           |       |           |
| Total Solids                 | EPA 160.3   | 79        | %     | 07/11/03  |



## 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 Services, Inc.

SAMPLE DESCRIPTION: Area 3/EPS-5/17.C1

MATRIX: Soil

LOCATION: Mohawk Honda

H.E.S.I.: 030701H02

DATE SAMPLED: 06/27/03

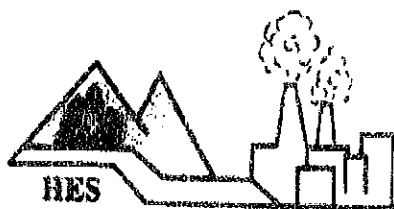
TIME SAMPLED: 11:39 AM

DATE SAMPLE RECD: 07/01/03

TYPE SAMPLE: Grab

SAMPLER: W. Cook/NETC

| PARAMETER                | METHOD      | RESULT   | UNITS | TEST DATE |
|--------------------------|-------------|----------|-------|-----------|
| MTBE                     | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| Benzene                  | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| Toluene                  | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| Ethylbenzene             | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| m-Xylene/p-Xylene        | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| o-Xylene                 | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| Isopropylbenzene         | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| n-Propylbenzene          | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| 1,3,5-Trimethylbenzene   | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| tert-Butylbenzene        | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| 1,2,4-Trimethylbenzene   | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| sec-Butylbenzene         | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| p-Isopropyltoluene       | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| n-Butylbenzene           | SW846-8260B | <6.7     | ug/kg | 07/11/03  |
| Naphthalene              | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Acenaphthene             | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Fluorene                 | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Phenanthrene             | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Anthracene               | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Fluoranthene             | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Pyrene                   | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Benzo (a) anthracene     | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Chrysene                 | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Benzo (b) fluoranthene   | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Benzo (k) fluoranthene   | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Benzo (a) pyrene         | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Indeno (1,2,3-CD) pyrene | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Dibenz (a,h) anthracene  | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Benzo (g,h,i) perylene   | SW846-8270C | <440     | ug/kg | 07/17/03  |
| Non-Target Peaks         |             | Negative |       |           |
| Total Solids             | EPA 160.3   | 75       | %     | 07/11/03  |



## 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 Services, Inc.

SAMPLE DESCRIPTION: Area 3/EPS-9/13,0'

MATRIX: Soil

LOCATION: Mohawk Honda

H.E.S.#: 030701H03

DATE SAMPLED: 06/27/03

TIME SAMPLED: 2:05 PM

DATE SAMPLE RECD: 07/01/03

TYPE SAMPLE: Grab

SAMPLER: W.Cook/NETC

| PARAMETER                    | METHOD      | RESULT    | UNITS | TEST DATE |
|------------------------------|-------------|-----------|-------|-----------|
| MTBE                         | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| Benzene                      | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| Toluene                      | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| Ethylbenzene                 | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| m-Xylene\p-Xylene            | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| o-Xylene                     | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| Isopropylbenzene             | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| n-Propylbenzene              | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| 1,3,5-Trimethylbenzene       | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| tert-Butylbenzene            | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| 1,2,4-Trimethylbenzene       | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| sec-Butylbenzene             | SW846-8260B | 225       | ug/kg | 07/11/03  |
| p-Isopropyltoluene           | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| n-Butylbenzene               | SW846-8260B | <5.9      | ug/kg | 07/11/03  |
| Naphthalene                  | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Acenaphthene                 | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Fluorene                     | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Phenanthrene                 | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Anthracene                   | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Fluoranthene                 | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Pyrene                       | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Benzo (a) anthracene         | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Chrysene                     | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Benzo (b) fluoranthene       | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Benzo (k) fluoranthene       | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Benzo (a) pyrene             | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Indeno (1,2,3-CD) pyrene     | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Dibenz (a,h) anthracene      | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Benzo (g,h,i) perylene       | SW846-8270C | <388      | ug/kg | 07/17/03  |
| Non-Target Peaks             |             | Positive* |       |           |
| *Heavy fuel pattern present. |             |           |       |           |
| Total Solids                 | EPA 16G.3   | 85        | %     | 07/11/03  |

All results on a dry weight.

Approval By: *M. H. H.*

Date: 7/25/03

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.

# SOIL REMOVAL AREA 4 / UST-4

## END POINT SOIL QUALITY

# TABLE 4

## SOIL ANALYTICAL DATA (STARS 8021)

### Mohawk Honda

728 - 756 State Street Schenectady, New York

Sampled on July 2, 2003

| PARAMETER               | SOIL SAMPLE DESCRIPTION |               | DEC    |
|-------------------------|-------------------------|---------------|--------|
|                         | UST-4 / EPS-1           | UST-4 / EPS-2 |        |
| MTBE                    | <5.4                    | <6.2          | 1000   |
| Benzene                 | <5.4                    | 172.0         | 60     |
| Toluene                 | <5.4                    | 1,056.0       | 1500   |
| Ethylbenzene            | <5.4                    | 295.0         | 5500   |
| m-Xylene / p-Xylene     | <5.4                    | 1,364.0       | 1200   |
| o-Xylene                | <5.4                    | 584.0         | 1200   |
| Isopropylbenzene        | <5.4                    | 38.0          | -----* |
| n-Propylbenzene         | <5.4                    | 122.0         | -----* |
| 1,3,5- Trimethylbenzene | <5.4                    | 206.0         | -----* |
| tert-Butylbenzene       | <5.4                    | 70.0          | -----* |
| 1,2,4- Trimethylbenzene | <5.4                    | 850.0         | -----* |
| sec-Butylbenzene        | <5.4                    | 8.5           | -----* |
| p-Isopropyltoluene      | <5.4                    | 25.0          | -----* |
| n-Butylbenzene          | <5.4                    | <6.2          | -----* |
| Non-target peaks        | Negative                | Positive#     | -----  |
| Total VOC's             | -----                   | 4,790.5       | -----  |

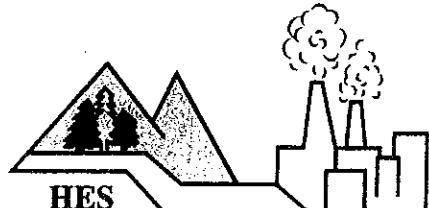
Notes: All concentrations are in ug/kg or ppb (parts per billion)

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

\*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

# = Heavy Fuel Pattern





## HUDSON ENVIRONMENTAL SERVICES, INC.

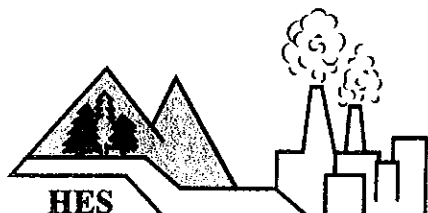
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

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

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

ANALYTICAL TEST RESULTSN.Y.S.D.O.H. Lab ID#11140CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 07/02/03SAMPLE DESCRIPTION: UST 4/EPS-1/10'- 12'TIME SAMPLED: 3:00 pmMATRIX: SoilDATE SAMPLE RECD: 07/07/03LOCATION: Mohawk HondaTYPE SAMPLE: CompositeH.E.S.#: 030707F01SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Benzene                | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Toluene                | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Ethylbenzene           | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| o-Xylene               | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Isopropylbenzene       | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| n-Propylbenzene        | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| tert,Butylbenzene      | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| sec-Butylbenzene       | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| p-Isopropyltoluene     | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| n-Butylbenzene         | SW846-8260B   | <5.4          | ug/kg        | 07/12/03         |
| Non-Target Peaks       |               | Negative      |              |                  |
| Total Solids           | EPA 160.3     | 93            | %            | 07/11/03         |



## 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: 07/02/03SAMPLE DESCRIPTION: UST 4/EPS-2/17'TIME SAMPLED: 3:50 pmMATRIX: SoilDATE SAMPLE RECD: 07/07/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030707F02SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <6.2          | ug/kg        | 07/12/03         |
| Benzene                | SW846-8260B   | 172           | ug/kg        | 07/12/03         |
| Toluene                | SW846-8260B   | 1,056         | ug/kg        | 07/12/03         |
| Ethylbenzene           | SW846-8260B   | 295           | ug/kg        | 07/12/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | 1,364         | ug/kg        | 07/12/03         |
| o-Xylene               | SW846-8260B   | 584           | ug/kg        | 07/12/03         |
| Isopropylbenzene       | SW846-8260B   | 38            | ug/kg        | 07/12/03         |
| n-Propylbenzene        | SW846-8260B   | 122           | ug/kg        | 07/12/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | 206           | ug/kg        | 07/12/03         |
| tert, Butylbenzene     | SW846-8260B   | 70            | ug/kg        | 07/12/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | 850           | ug/kg        | 07/12/03         |
| sec-Butylbenzene       | SW846-8260B   | 8.5           | ug/kg        | 07/12/03         |
| p-Isopropyltoluene     | SW846-8260B   | 25            | ug/kg        | 07/12/03         |
| n-Butylbenzene         | SW846-8260B   | <6.2          | ug/kg        | 07/12/03         |

## Non-Target Peaks

Positive

Total Solids EPA 160.3 80 % 07/11/03

All results on a dry weight.

Approval By: M. H. L.Date: 7/17/03

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.

# SOIL REMOVAL AREA 5

## END POINT SOIL QUALITY

**TABLE 5**  
**SOIL ANALYTICAL DATA (STARS 8021 / 8270)**  
**Mohawk Honda**

728 - 756 State Street Schenectady, New York

Sampled on July 7, 2003

| PARAMETER                   | SOIL SAMPLE DESCRIPTION | DEC            |
|-----------------------------|-------------------------|----------------|
|                             | Area 5 / S-1            |                |
| MTBE                        | <5.5                    | 1000           |
| Benzene                     | <5.5                    | 60             |
| Toluene                     | <5.5                    | 1500           |
| Ethylbenzene                | <5.5                    | 5500           |
| m-Xylene / p-Xylene         | <5.5                    | 1200           |
| o-Xylene                    | <5.5                    | 1200           |
| Isopropylbenzene            | <5.5                    | -----*         |
| n-Propylbenzene             | <5.5                    | -----*         |
| 1,3,5- Trimethylbenzene     | <5.5                    | -----*         |
| tert-Butylbenzene           | <5.5                    | -----*         |
| 1,2,4- Trimethylbenzene     | <5.5                    | -----*         |
| sec-Butylbenzene            | <5.5                    | -----*         |
| p-Isopropyltoluene          | <5.5                    | -----*         |
| n-Butylbenzene              | <5.5                    | -----*         |
| <b>Total VOC's</b>          | -----                   | <b>10000*</b>  |
| Naphthalene                 | <363                    | 13000          |
| Acenaphthene                | 877.0                   | 50,000*        |
| Fluorene                    | 904.0                   | 50,000*        |
| Phenanthrene                | 5,189.0                 | 50,000*        |
| Anthracene                  | 1,299.0                 | 50,000*        |
| Fluoranthene                | 6,013.0                 | 50,000*        |
| Pyrene                      | 4,132.0                 | 50,000*        |
| Benzo(a)anthracene          | 2,975.0                 | 224 or MDL     |
| Chrysene                    | 1,724.0                 | 400            |
| Benzo(b)fluoranthene        | 3,592.0                 | 1100           |
| Benzo(k)fluoranthene        | 5,954.0                 | 1100           |
| Benzo(a)pyrene              | 1,921.0                 | 61 or MDL      |
| Indeno(1,2,3-cd)pyrene      | 835.0                   | 3200           |
| Dibenz(a,h)anthracene       | 576.0                   | 14 or MDL      |
| Benzo(g,h,i)perylene        | 688.0                   | 50,000*        |
| <b>Total SVOCs</b>          | 36,679.0                | <b>500,000</b> |
| Non-target peaks            | <b>Positive</b>         | -----          |
| <b>Total VOC &amp; SVOC</b> | 36,679.0                | -----          |

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

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

\*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm



## 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.

SAMPLE DESCRIPTION: Area 5/S-1/6.5'

MATRIX: Soil

LOCATION: Mohawk Honda

H.E.S.#: 030709UU01

DATE SAMPLED: 07/07/03

TIME SAMPLED: 10:45 am

DATE SAMPLE RECD: 07/09/03

TYPE SAMPLE: Grab

SAMPLER: W.Cook/NETC

| PARAMETER                | METHOD      | RESULT   | UNITS | TEST DATE |
|--------------------------|-------------|----------|-------|-----------|
| MTBE                     | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| Benzene                  | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| Toluene                  | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| Ethylbenzene             | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| m-Xylene\p-Xylene        | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| o-Xylene                 | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| Isopropylbenzene         | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| n-Propylbenzene          | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| 1,3,5-Trimethylbenzene   | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| tert, Butylbenzene       | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| 1,2,4-Trimethylbenzene   | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| sec-Butylbenzene         | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| p-Isopropyltoluene       | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| n-Butylbenzene           | SW846-8260B | <5.5     | ug/kg | 07/12/03  |
| Naphthalene              | SW846-8270C | <363     | ug/kg | 07/14/03  |
| Acenaphthene             | SW846-8270C | 877      | ug/kg | 07/14/03  |
| Fluorene                 | SW846-8270C | 904      | ug/kg | 07/14/03  |
| Phenanthrene             | SW846-8270C | 5,189    | ug/kg | 07/14/03  |
| Anthracene               | SW846-8270C | 1,299    | ug/kg | 07/14/03  |
| Fluoranthene             | SW846-8270C | 6,013    | ug/kg | 07/14/03  |
| Pyrene                   | SW846-8270C | 4,132    | ug/kg | 07/14/03  |
| Benzo (a) anthracene     | SW846-8270C | 2,975    | ug/kg | 07/14/03  |
| Chrysene                 | SW846-8270C | 1,724    | ug/kg | 07/14/03  |
| Benzo (b) fluoranthene   | SW846-8270C | 3,592    | ug/kg | 07/14/03  |
| Benzo (k) fluoranthene   | SW846-8270C | 5,954    | ug/kg | 07/14/03  |
| Benzo (a) pyrene         | SW846-8270C | 1,921    | ug/kg | 07/14/03  |
| Indeno (1,2,3-CD) pyrene | SW846-8270C | 835      | ug/kg | 07/14/03  |
| Dibenz (a,h) anthracene  | SW846-8270C | 576      | ug/kg | 07/14/03  |
| Benzo (g,h,i) perylene   | SW846-8270C | 688      | ug/kg | 07/14/03  |
| Non-Target Peaks         |             | Positive |       |           |
| Total Solids             | EPA 160.3   | 91       | %     | 07/14/03  |

All results on a dry weight.

Approval By: *[Signature]*

Date: 7/23/03

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.

**UPSTATE LABORATORIES INC.**

**SOIL QUALITY REPORT**

# ALBANY COUNTY LANDFILL RESULTS





# **Upstate Laboratories inc.**

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209

Mailing: Box 289 • Syracuse, NY 13206

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Binghamton (607) 724-0478

Buffalo (716) 649-2533

Rochester (585) 436-9070

New Jersey (201) 343-5353

July 7, 2003

Mr. Jeff Wink  
NE Environmental Tech. Corp.  
P.O. Box 2167  
Ballston Spa, NY 12020

Re: Analysis Report #17403045 - Mohawk Honda

Dear Mr. Wink:

Please find enclosed the results for your samples which were received on June 20, 2003.

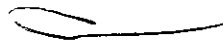
We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

  
Anthony J. Scala  
Director

AJS/ac

Enclosures: report, invoice

cc/encs: N. Scala, ULI  
file

Note: Faxed results were given to your office on 6/26 and 7/3/03. AJS

**Disclaimer:** The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 07/07/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 17403045

Client I.D.: NE ENVIRONMENTAL TECH., CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL: \_\_\_\_\_

QC: \_\_\_\_\_

Lab I.D.: 10170

UST-1/2 EXCAVATION SOIL 1100H 06/20/03 G

ULI I.D.: 17403046

Matrix: Soil

| PARAMETERS     | RESULTS     | TIME | DATE     | ANAL. | KEY | KEY | FILE#  |
|----------------|-------------|------|----------|-------|-----|-----|--------|
| Percent Solids | 89%         |      | 06/24/03 |       |     |     | WE4299 |
| TCLP Arsenic   | <0.5mg/l    |      | 07/01/03 |       |     |     | MB5596 |
| TCLP Barium    | 0.4mg/l     |      | 07/01/03 |       |     |     | MB5596 |
| TCLP Cadmium   | <0.005mg/l  |      | 07/01/03 |       |     |     | MB5596 |
| TCLP Chromium  | <0.05mg/l   |      | 07/01/03 |       |     |     | MB5596 |
| TCLP Lead      | 0.3mg/l     |      | 07/01/03 |       |     |     | MB5596 |
| TCLP Mercury   | <0.0004mg/l |      | 06/30/03 |       |     |     | MB5595 |
| TCLP Selenium  | <0.5mg/l    |      | 07/01/03 |       |     |     | MB5596 |
| TCLP Silver    | <0.05mg/l   |      | 07/01/03 |       |     |     | MB5596 |

## TCLP Volatile Organic Compounds by 8260

|                           |           |  |          |  |  |  |        |
|---------------------------|-----------|--|----------|--|--|--|--------|
| TCLP Benzene              | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP Carbon Tetrachloride | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP Chlorobenzene        | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP Chloroform           | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP 1,4-Dichlorobenzene  | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP 1,2-Dichloroethane   | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP 1,1-Dichloroethene   | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP 2-Butanone           | <0.1mg/l  |  | 07/02/03 |  |  |  | VM4546 |
| TCLP Tetrachloroethene    | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP Trichloroethene      | <0.03mg/l |  | 07/02/03 |  |  |  | VM4546 |
| TCLP Vinyl Chloride       | <0.02mg/l |  | 07/02/03 |  |  |  | VM4546 |

## TCLP Semivolatile Compounds by 8270

|                            |           |  |          |  |  |  |        |
|----------------------------|-----------|--|----------|--|--|--|--------|
| TCLP Cresols, Total        | <0.10mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP 2,4-Dinitrotoluene    | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP Hexachlorobenzene     | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP Hexachlorobutadiene   | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP Hexachloroethane      | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP Nitrobenzene          | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP Pentachlorophenol     | <0.10mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP Pyridine              | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP 2,4,5-Trichlorophenol | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |
| TCLP 2,4,6-Trichlorophenol | <0.05mg/l |  | 06/26/03 |  |  |  | SA3936 |

## PCB (Aroclors) by EPA Method 8082

|              |               |  |          |  |  |  |        |
|--------------|---------------|--|----------|--|--|--|--------|
| Aroclor 1016 | <0.09mg/kg dw |  | 06/29/03 |  |  |  | GA1977 |
| Aroclor 1221 | <0.09mg/kg dw |  | 06/29/03 |  |  |  | GA1977 |
| Aroclor 1232 | <0.09mg/kg dw |  | 06/29/03 |  |  |  | GA1977 |
| Aroclor 1242 | <0.09mg/kg dw |  | 06/29/03 |  |  |  | GA1977 |

dw = Dry weight

DATE: 07/07/03

Upstate Laboratories, Inc.  
Analysis Results

Report Number: 17403045

Client I.D.: NE ENVIRONMENTAL TECH., CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL: \_\_\_\_\_

QC: \_\_\_\_\_

Lab I.D.: 10170

UST-1/2 EXCAVATION SOIL 1100H 06/20/03 G

ULI I.D.: 17403046

Matrix: Soil

| PARAMETERS                         | RESULTS       | TIME | DATE ANAL. | KEY | KEY | FILE#  |
|------------------------------------|---------------|------|------------|-----|-----|--------|
| Aroclor 1248                       | <0.09mg/kg dw |      | 06/29/03   |     |     | GA1977 |
| Aroclor 1254                       | <0.09mg/kg dw |      | 06/29/03   |     |     | GA1977 |
| Aroclor 1260                       | <0.09mg/kg dw |      | 06/29/03   |     |     | GA1977 |
| Total PCB                          | <0.09mg/kg dw |      | 06/29/03   |     |     | GA1977 |
| TCLP EPA 8081 Pesticides           |               |      |            |     |     |        |
| TCLP Chlordane                     | <0.01mg/l     |      | 07/01/03   |     |     | GA1979 |
| TCLP Endrin                        | <0.0005mg/l   |      | 07/01/03   |     |     | GA1979 |
| TCLP Heptachlor                    | <0.0005mg/l   |      | 07/01/03   |     |     | GA1979 |
| TCLP Lindane                       | <0.01mg/l     |      | 07/01/03   |     |     | GA1979 |
| TCLP Methoxychlor                  | <0.1mg/l      |      | 07/01/03   |     |     | GA1979 |
| TCLP Toxaphene                     | <0.01mg/l     |      | 07/01/03   |     |     | GA1979 |
| TCLP Heptachlor Epoxide            | <0.0005mg/l   |      | 07/01/03   |     |     | GA1979 |
| TCLP Herbicides by EPA Method 8150 |               |      |            |     |     |        |
| TCLP 2,4-D                         | <0.1mg/l      |      | 07/01/03   |     |     | GA1978 |
| TCLP 2,4,5-TP                      | <0.01mg/l     |      | 07/01/03   |     |     | GA1978 |

dw = Dry weight

## KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS  
 2 REFERENCE SAMPLE/CCV RECOVERY WAS OUTSIDE OF CONTROL LIMITS  
 3 METHOD BLANK RESULT WAS ABOVE THE CONTROL LIMITS  
 4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE  
 5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS  
 6 BLANK CORRECTED  
 7 HEAD SPACE PRESENT IN SAMPLE  
 8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE  
 9 QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.  
 10 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID  
 11 RESULTS ARE REPORTED ON AN AS REC.D BASIS  
 12 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY  
 13 SAMPLE ANALYZED OVER HOLDING TIME  
 14 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM  
 15 THE FILTERING PROCEDURE  
 16 SAMPLED BY ULI  
 17 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE  
 18 WITHIN EXPERIMENTAL ERROR  
 19 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS  
 20 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING  
 21 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL  
 22 INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.  
 23 CALCULATION BASED ON DRY WEIGHT  
 24 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION  
 25 LIMITS  
 26 UG/KG AS REC.D / UG/KG DRY WT  
 27 MG/KG AS REC.D / MG/KG DRY WT  
 28 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS  
 29 SAMPLE DILUTED/BLANK CORRECTED  
 30 ND(NON-DETECTED)  
 31 DUPLICATE SAMPLE OUTSIDE QC CRITERIA  
 32 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE  
 33 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL  
 34 LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL  
 35 ANALYZED BY METHOD OF STANDARD ADDITIONS  
 36 FIELD MEASURED PARAMETER TAKEN BY CLIENT  
 37 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED  
 38 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS)  
 39 PER DAY LAS  
 40 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED  
 41 TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20,  
 42 CREATING A THEORETICAL TCLP VALUE  
 43 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON  
 44 PETROLEUM DISTILLATES  
 45 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY  
 46 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY  
 47 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS)  
 48 PER DAY OF CL2  
 49 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY  
 (B) DETECTED IN BLANK  
 (D) ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR  
 (E) COMPOUNDS WHOSE CONCENTRATIONS EXCEED THE CALIBRATION RANGE OF THE GC/MS  
 INSTRUMENT FOR THAT SPECIFIC ANALYSIS  
 (J) DETECTED BELOW THE CRQL  
 (a) SAMPLE(S) RECEIVED AT THE IMPROPER TEMPERATURE  
 (b) HEADSPACE IN VOA VIAL(S)  
 (c) HEADSPACE IN ALKALINITY BOTTLE(S)  
 (d) SAMPLE CONTAINER(S) RECEIVED BROKEN

# Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017  
(315) 437 0255 Fax 437 1209

## Chain of Custody Record

| Client: Northeastern Env. Technologies Corp. |  | Client Project # / Project Name |  | Site Location (city/state) |  | Phone # |  | Date  |  | Time                       |  | Matrix                       |  | Grab or Comp. |  | ULI Internal Use Only |  | No. of Containers        |  | Special Turnaround Time 24 HRS (Lab Notification required)                                                                                                                     |  | Remarks |  |
|----------------------------------------------|--|---------------------------------|--|----------------------------|--|---------|--|-------|--|----------------------------|--|------------------------------|--|---------------|--|-----------------------|--|--------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|
| Client Contact: Jeff Wink                    |  | Sample Location: V              |  | UST-1/2 EXCAVATION WATER   |  | 6/20/03 |  | 11:15 |  | WATER                      |  | G                            |  | 17403045      |  | 2                     |  |                          |  |                                                                                                                                                                                |  |         |  |
| parameter and method                         |  | sample bottle:                  |  | type                       |  | size    |  | pres. |  | Sampled by: (Please Print) |  | Relinquished by: (Signature) |  | Date          |  | Time                  |  | Received by: (Signature) |  | ULI Internal Use Only Delivery (check one):                                                                                                                                    |  |         |  |
| 1) EPA 502.2 + MTBE                          |  | G                               |  | 40ML                       |  | NONE    |  |       |  | WILLIAM J. COOK            |  | William Cook                 |  | 6/20/03       |  | 12:30                 |  | D. M. Tull               |  | <input type="checkbox"/> ULI Sampled<br><input type="checkbox"/> Pickup<br><input checked="" type="checkbox"/> Dropoff<br><input checked="" type="checkbox"/> CC EASTERN CONN. |  |         |  |
| 2)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 3)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 4)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 5)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 6)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 7)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 8)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 9)                                           |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |
| 10)                                          |  |                                 |  |                            |  |         |  |       |  |                            |  |                              |  |               |  |                       |  |                          |  |                                                                                                                                                                                |  |         |  |

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

**Upstate Laboratories, Inc.**  
6034 Corporate Drive • E. Syracuse, NY 13057-1017  
(315) 437 0255 Fax 437 1209

# Chain Of Custody Record

## ATTACHMENT 7

[illegible]

**Syracuse**

Rochester

**Buffalo**

Alban

**Binghamton**

**Fair Lawn (NJ)**

# TRIMETHYL LEAD RESULTS

# **Upstate Laboratories inc.**

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July 30, 2003

Mr. Jeff Wink  
Northeastern Env. Tech. Corp.  
P.O. Box 2167  
Ballston Spa, NY 12020

Re: Analysis Report #18803028 - Mohawk Honda

Dear Mr. Wink:

Please find enclosed the results for your samples which were received on July 3, 2003.

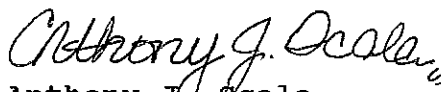
We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

  
Anthony J. Scala  
Director

AJS/ac

Enclosures: report, invoice

cc/encs: N. Scala, ULI  
file

Note: Faxed results were given to your office on 7/30/03. AJS

**Disclaimer:** The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.



DATE: 07/30/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 18803028

Client I.D.: NORTHEASTERN ENV. TECH. CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL: *afs*QC: *TS*

Lab I.D.: 10170

UST 1/HS/9.0' 0900H 07/01/03 G

ULI I.D.: 18803028

Matrix: Soil

| PARAMETERS                         | RESULTS      | TIME | DATE     | ANAL. | KEY | KEY | FILE#  |
|------------------------------------|--------------|------|----------|-------|-----|-----|--------|
| Percent Solids                     | 86%          |      | 07/08/03 |       |     |     | WE4462 |
| Other Compounds by EPA Method 8270 |              |      |          |       |     |     |        |
| Tetraethyl Pb                      | 1300ug/kg dw |      | 07/29/03 |       |     |     | SA3952 |

dw = Dry weight

DATE: 07/30/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 18803028

Client I.D.: NORTHEASTERN ENV. TECH. CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL: *C/S*QC: *JS*

Lab I.D.: 10170

UST 4/EPS-2/17' 1550H 07/02/03 G

ULI I.D.: 18803029

Matrix: Soil

| PARAMETERS                         | RESULTS      | TIME | DATE     | ANAL. | KEY | KEY | FILE#  |
|------------------------------------|--------------|------|----------|-------|-----|-----|--------|
| Percent Solids                     | 77%          |      | 07/08/03 |       |     |     | WE4462 |
| Other Compounds by EPA Method 8270 |              |      |          |       |     |     |        |
| Tetraethyl Pb                      | <430ug/kg dw |      | 07/29/03 |       |     |     | SA3952 |

dw = Dry weight

**Chain of Custody Record**

Client: NETC Client Project # / Project Name: 1403THALIC HOUA

Client Contact: BILL COOK / JEFF WALK Phone # 718 804-8545 Site Location (city/state): SCHENECTADY

Sample Location: US 1 / HS 19.0' Date: 7/1/03 Time: 9:00 AM Matrix: Soil Grab or Comp.: G ULI Internal Use Only: 1803028

| parameter and method         | sample bottle: | type | size  | pres. | No. of Containers                                                                 | Time _____<br>(Lab Notification required) |        |      |      |                                              |                                                                                                                                                                                                                     |   |   |   |    |
|------------------------------|----------------|------|-------|-------|-----------------------------------------------------------------------------------|-------------------------------------------|--------|------|------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|----|
|                              |                |      |       |       |                                                                                   | 1                                         | 2      | 3    | 4    | 5                                            | 6                                                                                                                                                                                                                   | 7 | 8 | 9 | 10 |
| 1) <del>Heavy Metal Pb</del> |                | G    | 40 ml | ICE   | Sampled by: (Please Print)<br><u>JEFF WILLIAM J. COOK</u><br>Company: <u>NETC</u> |                                           |        |      |      |                                              |                                                                                                                                                                                                                     |   |   |   |    |
| 2) <u>Soils X-ray</u>        |                |      |       |       |                                                                                   |                                           |        |      |      |                                              |                                                                                                                                                                                                                     |   |   |   |    |
| 3)                           |                |      |       |       |                                                                                   |                                           |        |      |      |                                              |                                                                                                                                                                                                                     |   |   |   |    |
| 4)                           |                |      |       |       | Relinquished by: (Signature)<br><u>William Cook</u>                               | Date                                      | 7/1/03 | Time | 3:30 | Received by: (Signature)<br><u>MA B</u>      | ULI Internal Use Only<br>Delivery (check one):<br><input type="checkbox"/> ULI Sampled<br><input type="checkbox"/> Pickup <input checked="" type="checkbox"/> Dropoff<br><input type="checkbox"/> CC <u>EASTMAN</u> |   |   |   |    |
| 5)                           |                |      |       |       | Relinquished by: (Signature)<br><u>MA B</u>                                       | Date                                      | 7/6/03 | Time | 5    | Received by: (Signature)                     |                                                                                                                                                                                                                     |   |   |   |    |
| 6)                           |                |      |       |       | Relinquished by: (Signature)                                                      | Date                                      |        | Time |      | Received by: (Signature)                     |                                                                                                                                                                                                                     |   |   |   |    |
| 7)                           |                |      |       |       | Relinquished by: (Signature)                                                      | Date                                      |        | Time |      | Received by: (Signature)                     | Special Turnaround<br>Time _____<br>(Lab Notification required)<br>Remarks                                                                                                                                          |   |   |   |    |
| 8)                           |                |      |       |       | Relinquished by: (Signature)                                                      | Date                                      |        | Time |      | Received by: (Signature)                     |                                                                                                                                                                                                                     |   |   |   |    |
| 9)                           |                |      |       |       | Relinquished by: (Signature)                                                      | Date                                      |        | Time |      | Received by: (Signature)                     |                                                                                                                                                                                                                     |   |   |   |    |
| 10)                          |                |      |       |       | Relinquished by: (Signature)                                                      | Date                                      | 7/1/03 | Time | 0900 | Rec'd for Lab by: (Signature)<br><u>MA B</u> |                                                                                                                                                                                                                     |   |   |   |    |

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

7/17

# Chair of Custody Record

Fax 437 1209

Client Pro

Special T

[illegible]

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Buffalo (716) 649-2533

Rochester (585) 436-9070

New Jersey (201) 343-5353

July 30, 2003

Mr. Jeff Wink  
Northeastern Env. Tech. Corp.  
P.O. Box 2167  
Ballston Spa, NY 12020

Re: Analysis Report #17803030 - Mohawk Honda

Dear Mr. Wink:

Please find enclosed the results for your samples which were received on June 25, 2003.

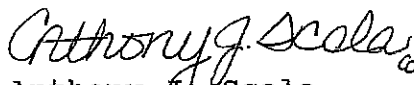
We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

  
Anthony J. Scala  
Director

AJS/ac

Enclosures: report, invoice

cc/encs: N. Scala, ULI  
file

Note: Faxed results were given to your office on 7/30/03. AJS

**Disclaimer:** The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 07/30/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 17803030

Client I.D.: NORTHEASTERN ENV. TECH. CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL: *QJS*QC: *TS*

Lab I.D.: 10170

S-1/AREA 3-STATE ST/14' 1315H 06/25/03 G

-----  
ULI I.D.: 17803030-----  
Matrix: Soil

| PARAMETERS                         | RESULTS      | TIME | DATE     | ANAL. | KEY  | KEY   | FILE#  |
|------------------------------------|--------------|------|----------|-------|------|-------|--------|
| -----                              | -----        | ---- | -----    | ----- | ---- | ----- | -----  |
| Percent Solids                     | 80%          |      | 07/01/03 |       |      |       | WE4394 |
| Other Compounds by EPA Method 8270 |              |      |          |       |      |       |        |
| Tetraethyl Pb                      | <420ug/kg dw |      | 07/29/03 |       |      |       | SA3941 |

dw = Dry weight

DATE: 07/30/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 17803030

Client I.D.: NORTHEASTERN ENV. TECH. CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL: *CJS*QC: *JS*

Lab I.D.: 10170

UST 3/5-1/7.0' 1600H 06/19/03 G

ULI I.D.: 17803031

Matrix: Soil

| PARAMETERS                         | RESULTS      | TIME | DATE     | ANAL. | KEY | KEY | FILE#  |
|------------------------------------|--------------|------|----------|-------|-----|-----|--------|
| Percent Solids                     | 89%          |      | 07/01/03 |       |     |     | WE4394 |
| Other Compounds by EPA Method 8270 |              |      |          |       |     |     |        |
| Tetraethyl Pb                      | <370ug/kg dw |      | 07/29/03 |       |     |     | SA3941 |

dw = Dry weight





| Client: <b>N ETC</b>                         |         |         |        | Client Project # / Project Name                               |                       |      |       | No. of Containers                                                                                                                                                                                          |    | Special Turnaround Time     |    |    |    |    |     |         |
|----------------------------------------------|---------|---------|--------|---------------------------------------------------------------|-----------------------|------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------|----|----|----|----|-----|---------|
| Client Contact: <b>BILL COOK / TEST WALK</b> |         | Phone # |        | Site Location (city/state): <b>PORTABLE HANDA SCHENECTADY</b> |                       |      |       | Con-tain-ers                                                                                                                                                                                               |    | (Lab Notification required) |    |    |    |    |     |         |
| Sample Location:                             | Date    | Time    | Matrix | Grab or Comp.                                                 | ULI Internal Use Only | 1)   | 2)    | 3)                                                                                                                                                                                                         | 4) | 5)                          | 6) | 7) | 8) | 9) | 10) | Remarks |
| VST 3/5-1/9.0'                               | 6/19/03 | 4:00    | SOIL   | G                                                             | 17203031              | (2)  | X     | X                                                                                                                                                                                                          |    |                             |    |    |    |    |     |         |
| parameter and method                         |         |         |        | sample bottle:                                                | type                  | size | pres. | <div> <div>Sampled by: (Please Print)</div> <div><i>William Clark</i></div> <div>Company: <b>N ETC</b></div> </div>                                                                                        |    |                             |    |    |    |    |     |         |
| 1) <del>STANDARD</del> <b>AB (S220)</b>      |         |         |        |                                                               | G                     | 40ml | ND    | <div> <div>Relinquished by: (Signature)</div> <div><i>William Clark</i></div> <div>Date: 6/25/03</div> <div>Time: Noon</div> <div>Received by: (Signature)</div> <div><i>William Clark</i></div> </div>    |    |                             |    |    |    |    |     |         |
| 2) <b>(90-2210)</b>                          |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div><i>William Clark</i></div> <div>Date: 6/25/03</div> <div>Time: 5:00 PM</div> <div>Received by: (Signature)</div> <div><i>William Clark</i></div> </div> |    |                             |    |    |    |    |     |         |
| 3)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 4)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 5)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 6)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 7)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 8)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 9)                                           |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |
| 10)                                          |         |         |        |                                                               |                       |      |       | <div> <div>Relinquished by: (Signature)</div> <div></div> <div>Date:</div> <div>Time:</div> <div>Received by: (Signature)</div> <div></div> </div>                                                         |    |                             |    |    |    |    |     |         |

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

ULI Internal Use Only

Delivery (check one):

☐ ULI Sampled
 ☒ Pickup
 ☐ Dropoff
 ☒ CC Eastern Conn.

Rec'd for Lab by: (Signature)

*RC Jung*

# APPENDIX D

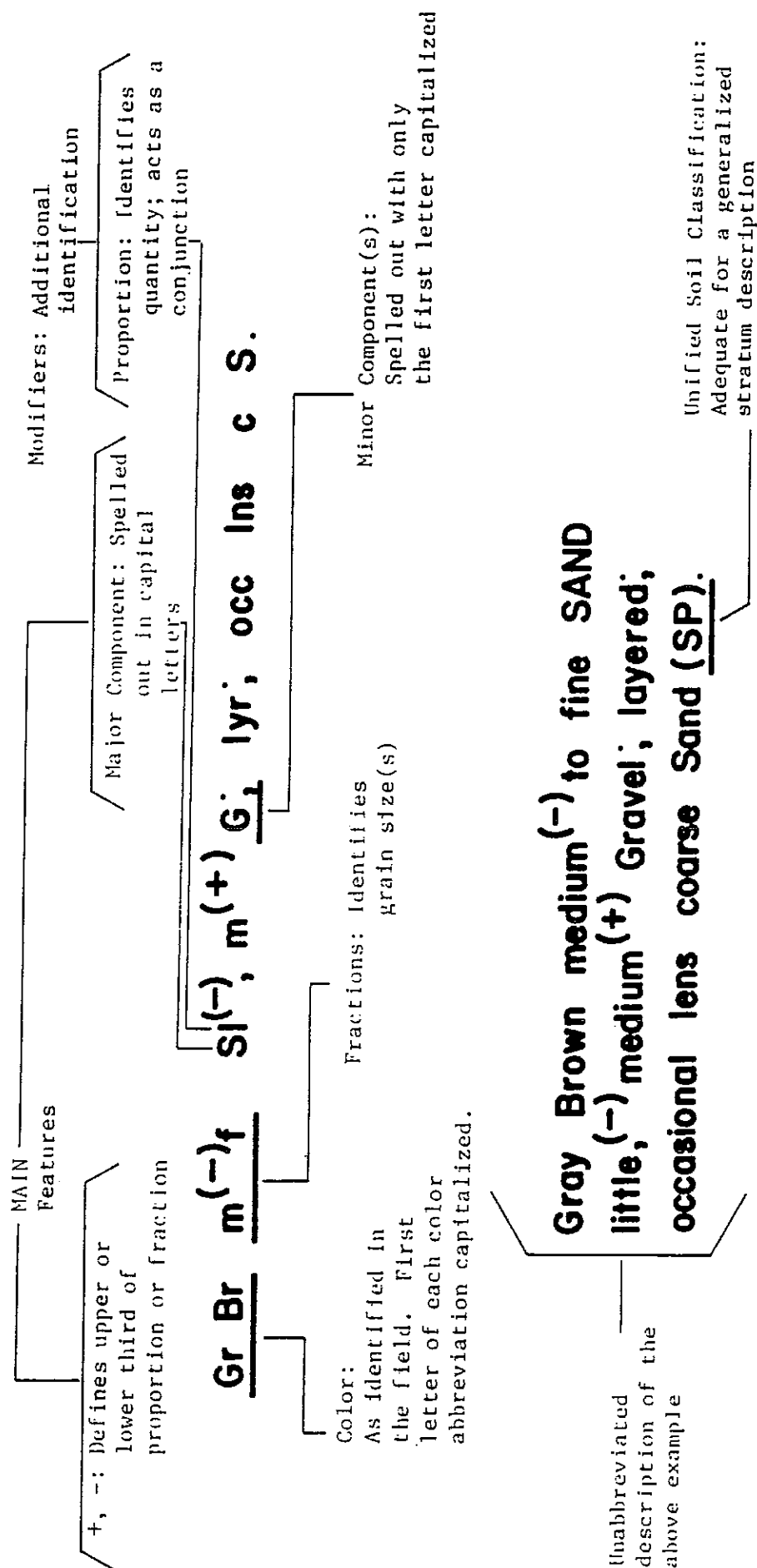
## SOIL BORING LOGS



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@attglobal.net](mailto:jwink@attglobal.net)

# MODIFIED BURMISTER SYSTEM



**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)        | gls    | 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.  | weight of hammer |
|                                     | lrg      | large       | P        | pushed           | W. R.  | weight of rods   |
|                                     | 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     |          |                  |        |                  |
|                                     | seam     | seam        |          |                  |        |                  |
|                                     | lyr      | layer       |          |                  |        |                  |
|                                     | stra     | stratum     |          |                  |        |                  |
|                                     | vvd c    | varved Clay |          |                  |        |                  |
|                                     | pkt      | pocket      |          |                  |        |                  |
|                                     | lns      | lens        |          |                  |        |                  |
|                                     | occ      | occasional  |          |                  |        |                  |
|                                     | freq     | frequent    |          |                  |        |                  |

— 0 to 1/16" thickness

— 1/16 to 1/2" thickness

— 1/2 to 12" thickness

— greater than 12" thickness

— alternating seams or layers of sand, silt and clay

— small, erratic deposit, usually less than 1 foot

— lenticular deposit

— one or less per foot of thickness

— more than one per foot of thickness

# 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)<br>medium (m)<br>fine (f) | 1" to 3"<br>$\frac{3}{8}$ " to 1"<br>No. 10 to $\frac{3}{8}$ " | Material passing the 3" sieve and retained on the No. 10 sieve.                                                        |
| Sand     | S      | coarse (c)<br>medium (m)<br>fine (f) | No. 30 to No. 10<br>No. 60 to No. 30<br>No. 200 to No. 60      | Material passing the No. 10 sieve and retained on the No. 200 sieve.                                                   |
| Silt     | \$     | —                                    | Passing No. 200<br>(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 (O\$)

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

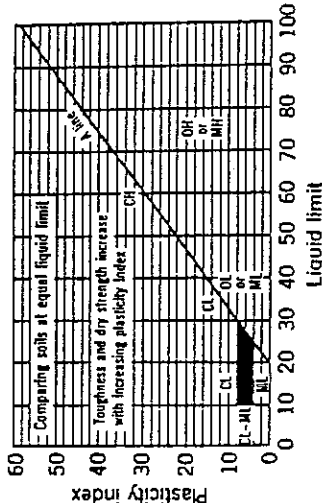
## II. Definition of Component Proportions

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

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

Table 3.5 Unified Soil Classification

| Field Identification Procedures<br>(Excluding particles larger than 3 in. and basing fractions on estimated weights)                                                 |                                                                              |                                                                                     | Group Symbols | Typical Names                                                                                      | Information Required for Describing Soils                                                                                                                                                                                                                  | Use grain size curve in identifying the fractions as given under field identification                                                                                                                                                                                                                                             | Laboratory Classification Criteria                                                                                  |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Coarse-grained soils<br>More than half of material is larger than No. 200 sieve size<br>(The No. 200 sieve size is about the smallest particle visible to naked eye) | Gravels<br>More than half of coarse fraction is larger than No. 4 sieve size | Clean gravels (little or no fines)                                                  |               |                                                                                                    |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   | Criteria                                                                                                            |                                                                                              |
| Fine-grained soils<br>More than half of material is smaller than No. 200 sieve size<br>(The No. 200 sieve size is about the smallest particle visible to naked eye)  | Gravels with appreciable amount of fines                                     | Wide range in grain size and substantial amounts of all intermediate particle sizes | GW            | Well graded gravels, gravel-sand mixtures, little or no fines                                      | Give typical name; indicate approximate percentage of sand and gravel; maximum size; angularity, surface condition, and hardness of the coarse grains; local or geologic name and other pertinent descriptive information; and symbols in parentheses      | Determine percentages of gravel and sand from grain size curve<br>Depending on percentage of fines (fraction smaller than No. 200 sieve size) coarse grained soils are classified as follows:<br>GW, GP, SW, SC<br>GM, GC, SM, SC<br>More than 12%<br>Less than 5%<br>5% to 12%<br>Borderline cases requiring use of dual symbols | $C_u = \frac{D_{60}}{D_{10}}$<br>$C_c = \frac{D_{30}}{D_{10} \times D_{60}}$<br>Greater than 4<br>Between 1 and 3   |                                                                                              |
|                                                                                                                                                                      | Gravels with appreciable amount of fines                                     | Predominantly one size or a range of sizes with some intermediate sizes missing     | GP            | Poorly graded gravels, gravel-sand mixtures, little or no fines                                    | For undisturbed soils add information on stratification, degree of compactness, cementation, moisture conditions and drainage characteristics                                                                                                              |                                                                                                                                                                                                                                                                                                                                   | Not meeting all gradation requirements for GW                                                                       |                                                                                              |
|                                                                                                                                                                      | Gravels with appreciable amount of fines                                     | Nonplastic fines (for identification procedures, see CL below)                      | GM            | Silty gravels, poorly graded gravel-sand-silt mixtures                                             | Example:<br>Silty sand, gravelly; about 20% hard, angular gravel particles 1-in. maximum size; rounded and subangular sand grains coarse to fine about 15% non-plastic fines with low dry strength; well compacted and moist in place; alluvial sand; (SM) |                                                                                                                                                                                                                                                                                                                                   | Atterberg limits below "A" line, or $P_f$ less than 4<br>Atterberg limits above "A" line, with $P_f$ greater than 7 | Above "A" line with $P_f$ between 4 and 7 are borderline cases requiring use of dual symbols |
|                                                                                                                                                                      | Gravels with appreciable amount of fines                                     | Plastic fines (for identification procedures, see CL below)                         | GC            | Clayey gravels, poorly graded gravel-sand-clay mixtures                                            |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   | $C_u = \frac{D_{60}}{D_{10}}$<br>$C_c = \frac{D_{30}}{D_{10} \times D_{60}}$<br>Greater than 6<br>Between 1 and 3   |                                                                                              |
| Identification Procedures on Fraction Smaller than No. 40 Sieve Size                                                                                                 | Sands<br>More than half of coarse fraction is smaller than No. 4 sieve size  | Wide range in grain size and substantial amounts of all intermediate particle sizes | SW            | Well graded sands, gravelly sands, little or no fines                                              |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   | Not meeting all gradation requirements for SW                                                                       |                                                                                              |
|                                                                                                                                                                      | Sands with appreciable amount of fines                                       | Predominantly one size or a range of sizes with some intermediate sizes missing     | SP            | Poorly graded sands, gravelly sands, little or no fines                                            |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   | Atterberg limits below "A" line or $P_f$ less than 5<br>Atterberg limits below "A" line with $P_f$ greater than 7   | Above "A" line with $P_f$ between 4 and 7 are borderline cases requiring use of dual symbols |
|                                                                                                                                                                      | Sands with appreciable amount of fines                                       | Nonplastic fines (for identification procedures, see CL below)                      | SM            | Silty sands, poorly graded sand-silt mixtures                                                      |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Sands with appreciable amount of fines                                       | Plastic fines (for identification procedures, see CL below)                         | SC            | Clayey sands, poorly graded sand-clay mixtures                                                     |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
| Highly Organic Soils                                                                                                                                                 | Silts and clays greater than 50 liquid limit                                 | None                                                                                | ML            | Inorganic silts and very fine sands, rock flour, silty or clayey fine sands with slight plasticity | Give typical name; indicate degree and character of plasticity, amount and maximum size of coarse grains; colour in wet condition; odour if any; local or geologic name, and other pertinent descriptive information; and symbol in parentheses            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Silts and clays greater than 50 liquid limit                                 | Quick to slow                                                                       | CL            | Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays  | For undisturbed soils add information on structure, stratification, consistency in undisturbed and remoulded states, moisture and drainage conditions                                                                                                      |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Silts and clays greater than 50 liquid limit                                 | Medium to high                                                                      | OL            | Organic silts and organic silts of low plasticity                                                  | Example:<br>Clayey silt, brown; slightly plastic; small percentage of fine sand; numerous vertical root holes; firm and dry in place; loess; (ML)                                                                                                          |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Silts and clays greater than 50 liquid limit                                 | Slow                                                                                | MH            | Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts                |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Silts and clays greater than 50 liquid limit                                 | Slight to medium                                                                    | CH            | Inorganic clays of high plasticity, fat clays                                                      |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Silts and clays greater than 50 liquid limit                                 | High                                                                                | OH            | Organic clays of medium to high plasticity                                                         |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |
|                                                                                                                                                                      | Silts and clays greater than 50 liquid limit                                 | Slight to medium                                                                    | PI            | Peat and other highly organic soils                                                                |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                     |                                                                                              |



Plasticity chart for laboratory classification of fine grained soils

From Wagner, 1957.  
 a. Boundary classifications. 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.  
 b. All sieve sizes on this chart are U.S. standard.

**Field Identification Procedure for Fine Grained Soils or Fractions**  
 These procedures are to be performed on the minus No. 40 sieve size particles, approximately  $\frac{1}{4}$  in. For field classification purposes, screening is not intended, simply remove by hand the coarse particles that interfere with the tests.

**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 gloss 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 fines in a soil. Very fine clean sands give the quickest and most distinct reaction whereas a plastic clay has no reaction. Inorganic silts, such as a typical rock flour, show a moderately quick reaction.

**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 crumbling 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. High dry strength is characteristic for clays of the CH group. A typical inorganic silt 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.

**Toughness (Consistency near plastic limit):**  
 After removing particles larger than the No. 40 sieve size, a specimen of soil about one-half inch cube in size, is moulded to the consistency of putty. If too dry, water must be added and if sticky, the specimen should be spread out in a thin layer and allowed to lose some moisture by evaporation. Then the specimen is rolled out by hand on a smooth surface or between the palms into a thread about one-eighth inch in diameter. The thread is then folded and re-rolled repeatedly. During this manipulation the moisture content is gradually reduced and the specimen stiffens, finally loses its plasticity, and crumbles when the plastic limit is reached. 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 stiffer the lump when it finally crumbles, the more potent is the colloidal 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.

Soil Characteristics Pertinent to Roads and Airfields

| Major Divisions           | Letter (1) | Name                                                                                                               | Value as Subgrade When Not Subject to Frost Action | Value as Base When Not Subject to Frost Action | Value as Subgrade When Not Subject to Frost Action | Potential Frost Action | Compressibility and Expansion | Drainage Characteristics       | Compaction Equipment                                             | Unit Dry Weight lb. per cu. ft. | Typical Design Values |                                 |
|---------------------------|------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|----------------------------------------------------|------------------------|-------------------------------|--------------------------------|------------------------------------------------------------------|---------------------------------|-----------------------|---------------------------------|
|                           |            |                                                                                                                    |                                                    |                                                |                                                    |                        |                               |                                |                                                                  |                                 | CBR (2)               | Subgrade Modulus k, per cu. in. |
| GRAVEL AND GRAVELLY SOILS | GW         | Well-graded gravels or gravel-sand mixtures, little or no fines                                                    | Excellent                                          | Excellent                                      | Good                                               | None to very slight    | Almost none                   | Excellent                      | Crawler-type tractor, rubber-tired roller, steel-wheeled roller  | 125-140                         | 40-80                 | 300-500                         |
|                           | GP         | Poorly graded gravels or gravel-sand mixtures, little or no fines                                                  | Good to excellent                                  | Good                                           | Fair to good                                       | None to very slight    | Almost none                   | Excellent                      | Crawler-type tractor, rubber-tired roller, steel-wheeled roller  | 110-140                         | 30-60                 | 300-500                         |
|                           | GM         | Silty gravels, gravel-sand-silt mixtures                                                                           | Good to excellent                                  | Good                                           | Fair to good                                       | Slight to medium       | Very slight                   | Fair to poor                   | Rubber-tired roller, sheepfoot roller; close control of moisture | 125-145                         | 40-60                 | 300-500                         |
|                           |            |                                                                                                                    |                                                    |                                                |                                                    |                        |                               |                                |                                                                  |                                 |                       |                                 |
|                           | GC         | Clayey gravels, gravel-sand-clay mixtures                                                                          | Good                                               | Fair                                           | Poor to not suitable                               | Slight to medium       | Slight                        | Poor to practically impervious | Rubber-tired roller, sheepfoot roller                            | 115-135                         | 20-30                 | 200-500                         |
|                           |            |                                                                                                                    |                                                    |                                                |                                                    |                        |                               |                                |                                                                  |                                 |                       |                                 |
|                           | SW         | Well-graded sands or gravelly sands, little or no fines                                                            | Good                                               | Fair to good                                   | Poor                                               | None to very slight    | Almost none                   | Excellent                      | Crawler-type tractor, rubber-tired roller                        | 110-130                         | 20-40                 | 200-400                         |
|                           | 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                   | Excellent                      | Crawler-type tractor, rubber-tired roller                        | 105-135                         | 10-40                 | 150-400                         |
|                           | SM         | Silty sands, sand-silt mixtures                                                                                    | Fair to good                                       | Poor to fair                                   | Not suitable                                       | Slight to high         | Very slight                   | Fair to poor                   | Rubber-tired roller, sheepfoot roller; close control of moisture | 120-135                         | 15-40                 | 150-400                         |
|                           |            |                                                                                                                    |                                                    |                                                |                                                    |                        |                               |                                |                                                                  |                                 |                       |                                 |
| FINE-GRAINED SOILS        | SC         | Clayey sands, sand-clay mixtures                                                                                   | Poor to fair                                       | Poor                                           | Not suitable                                       | Slight to high         | Slight to medium              | Poor to practically impervious | Rubber-tired roller, sheepfoot roller                            | 100-130                         | 10-20                 | 100-300                         |
|                           | ML         | Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity | Poor to fair                                       | Not suitable                                   | Not suitable                                       | Medium to very high    | Slight to medium              | Poor to practically impervious | Rubber-tired roller, sheepfoot roller                            | 100-135                         | 5-20                  | 100-300                         |
|                           | 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         | Slight to medium              | Fair to poor                   | Rubber-tired roller, sheepfoot roller; close control of moisture | 90-130                          | 15 or less            | 100-200                         |
|                           | OL         | Organic silts and organic silt-clays of low plasticity                                                             | Poor                                               | Not suitable                                   | Not suitable                                       | Medium to high         | Medium                        | Practically impervious         | Rubber-tired roller, sheepfoot roller                            | 90-130                          | 15 or less            | 50-150                          |
|                           | MI         | Inorganic silts, micaceous or diatomaceous fine sandy or silty silts, elastic silts                                | Poor                                               | Not suitable                                   | Not suitable                                       | Medium to very high    | Medium to high                | Poor                           | Rubber-tired roller, sheepfoot roller                            | 90-105                          | 5 or less             | 50-100                          |
|                           | CI         | Inorganic clays of medium to high plasticity, organic silts                                                        | Poor to fair                                       | Not suitable                                   | Not suitable                                       | Medium                 | High                          | Fair to poor                   | Sheepfoot roller, rubber-tired roller                            | 80-105                          | 10 or less            | 50-100                          |
|                           | OI         | Organic clays of high plasticity, fat clays                                                                        | Poor to very poor                                  | Not suitable                                   | Not suitable                                       | Medium                 | High                          | Practically impervious         | Sheepfoot roller, rubber-tired roller                            | 80-115                          | 15 or less            | 50-150                          |
|                           |            |                                                                                                                    |                                                    |                                                |                                                    |                        |                               | Practically impervious         | Sheepfoot roller, rubber-tired roller                            | 80-110                          | 5 or less             | 25-100                          |
|                           | PT         | Peat and other highly organic silts                                                                                | Not suitable                                       | Not suitable                                   | Not suitable                                       | Slight                 | 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 based on Atterberg limits; suffix d (e.g., GMd) will be used when the liquid limit (LL) 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

| <b>TEST BORING LOG</b>                                                          |  |               |                    |                  |                      | Boring No. <b>GP-12</b>          |
|---------------------------------------------------------------------------------|--|---------------|--------------------|------------------|----------------------|----------------------------------|
| <b>PROJECT:</b> Mohawk Honda                                                    |  |               |                    |                  |                      | <b>SHEET NO.</b> 1 of 2          |
| <b>CLIENT:</b> Haraden Motor Car Corp.                                          |  |               |                    |                  |                      | <b>JOB NO.</b> 02.08164          |
| <b>DRILLING CONTRACTOR:</b> Northeastern Environmental Technologies Corporation |  |               |                    |                  |                      | <b>M.P. ELEV.</b> NM             |
| <b>PURPOSE:</b> Subsurface Investigation                                        |  |               |                    |                  |                      | <b>GR. ELEV.</b> NM              |
| <b>DRILLING METHOD:</b> Direct Push                                             |  |               | <b>Soil Sample</b> | <b>GW Sample</b> | <b>Sample Method</b> | <b>DATUM</b> 100.00 ft           |
| <b>DRILL RIG:</b> Geoprobe 540U                                                 |  | <b>TYPE</b>   | Macro              | ----             | ----                 | <b>DATE START</b> June 20, 2003  |
| <b>GROUND WATER LEVEL:</b> +/- 8.0'                                             |  | <b>DIAM.</b>  | 2.0"               | ----             | ----                 | <b>DATE FINISH</b> June 20, 2003 |
| <b>MEASURING PT.:</b> Ground                                                    |  | <b>Sample</b> | Yes                | No               | No                   | <b>DRILLER</b> T. Scott          |
| <b>DATE:</b> June 20, 2003                                                      |  | <b>Screen</b> | ----               | ----             | ----                 | <b>INSPECTOR</b> B. Cook         |

| Depth (feet)                      | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                   | REMARKS |
|-----------------------------------|-----------|------------------------|----------------------------|----------------------------------------|---------|
| 1.0                               | S-1       | Bkg                    | SM                         | Asphalt                                | R= 3.5' |
| 2.0                               |           |                        |                            | Br mfS, s G                            | No Odor |
| 3.0                               |           |                        |                            | Brown medium to fine SAND, some Gravel | Dry     |
| 4.0                               |           |                        |                            |                                        |         |
| 5.0                               | S-2       | Bkg                    | SM                         | Same as above                          | R=3.5'  |
| 6.0                               |           |                        |                            |                                        | No Odor |
| 7.0                               |           |                        |                            |                                        | Dry     |
| 8.0                               |           |                        |                            |                                        |         |
| 9.0                               | S-3       | Bkg                    | SM                         | Br mcS (+/- 8.0 ft)                    | R=3.0'  |
| 10.0                              |           |                        |                            |                                        | No Odor |
| 11.0                              |           |                        |                            |                                        | WET     |
| 12.0                              |           |                        |                            |                                        |         |
| 13.0                              | S-4       | Bkg                    | SM                         |                                        | R=3.2   |
| 14.0                              |           |                        |                            |                                        | No Odor |
| 15.0                              |           |                        |                            |                                        | WET     |
| 16.0                              |           |                        |                            |                                        |         |
| 17.0                              | S-4       | Bkg                    | SM                         | Dk Gr mfS (+/- 15.0 ft)                |         |
| 18.0                              |           |                        |                            |                                        |         |
| 19.0                              |           |                        |                            |                                        |         |
| 20.0                              |           |                        |                            |                                        |         |
| Groundwater sample not collected  |           |                        |                            |                                        |         |
| Soil Boring Completed @ 26.0 feet |           |                        |                            |                                        |         |

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# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                   |              |                                 |                                     | Boring No.                   | GP-12       |
|-----------------------------------|--------------|---------------------------------|-------------------------------------|------------------------------|-------------|
| PROJECT: Mohawk Honda             |              |                                 |                                     | SHEET NO. 2 of 2             |             |
| CLIENT: Haraden Motor Car Corp.   |              |                                 |                                     | JOB NO. 02.08164             |             |
| Depth<br>(feet)                   | Sample<br>ID | Peak<br>PID<br>(ppm)<br>bkg=0.0 | Unified<br>Soil<br>Class.<br>System | GEOLOGIC DESCRIPTION         | REMARKS     |
| 21.0                              |              |                                 |                                     |                              |             |
| 22.0                              |              |                                 |                                     |                              |             |
| 23.0                              |              |                                 |                                     |                              |             |
| 24.0                              |              |                                 |                                     |                              |             |
| 25.0                              |              |                                 |                                     | Br mfS a. \$ (+/- 24.0 ft)   | R=2.0'      |
| 26.0                              | S-6          | Bkg                             | SM                                  | Note: Large Bore (LB) Sample | No Odor/WET |
| 27.0                              |              |                                 |                                     | End of Boring 26.0 feet      |             |
| 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                              |              |                                 |                                     |                              |             |
| Groundwater sample not collected  |              |                                 |                                     |                              |             |
| Soil Boring Completed @ 26.0 feet |              |                                 |                                     |                              |             |

|                                 |                 |                        |
|---------------------------------|-----------------|------------------------|
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# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                                                          |  |        |             |           |               | Boring No.  | GP-13         |
|--------------------------------------------------------------------------|--|--------|-------------|-----------|---------------|-------------|---------------|
| PROJECT: Mohawk Honda                                                    |  |        |             |           |               | SHEET NO.   | 1 of 2        |
| CLIENT: Haraden Motor Car Corp.                                          |  |        |             |           |               | JOB NO.     | 02.08164      |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation |  |        |             |           |               | M.P. ELEV.  | NM            |
| PURPOSE: Subsurface Investigation                                        |  |        |             |           |               | GR. ELEV.   | NM            |
| DRILLING METHOD: Direct Push                                             |  |        | Soil Sample | GW Sample | Sample Method | DATUM       | 100.00 ft     |
| DRILL RIG: Geoprobe 540U                                                 |  | TYPE   | Macro       | ----      | ----          | DATE START  | June 20, 2003 |
| GROUND WATER LEVEL: +/- 8.0'                                             |  | DIAM.  | 2.0"        | ----      | ----          | DATE FINISH | June 20, 2003 |
| MEASURING PT.: Ground                                                    |  | Sample | Yes         | No        | No            | DRILLER     | T. Scott      |
| DATE: June 20, 2003                                                      |  | Screen | ----        | ----      | ----          | INSPECTOR   | B. Cook       |

| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                                 | REMARKS |
|--------------|-----------|------------------------|----------------------------|------------------------------------------------------|---------|
| 1.0          | S-1       | Bkg                    | SM                         | Asphalt                                              | R=3.6'  |
| 2.0          |           |                        |                            | Br mfS, s G                                          | No Odor |
| 3.0          |           |                        |                            | <u>Brown medium to fine SAND, some Gravel</u>        | Dry     |
| 4.0          |           |                        |                            |                                                      |         |
| 5.0          | S-2       | Bkg                    | SM                         | Same as above                                        | R=1.2'  |
| 6.0          |           |                        |                            |                                                      | No Odor |
| 7.0          |           |                        |                            | Concrete Refusal - Augered to 8.0'                   | Dry     |
| 8.0          |           |                        |                            |                                                      |         |
| 9.0          | S-3       | Bkg                    | SM                         | Br c-fS, s \$; occ lyr Bk slag, asphalt (+/- 8.0 ft) | R=4.0'  |
| 10.0         |           |                        |                            |                                                      | No Odor |
| 11.0         |           |                        |                            |                                                      | WET     |
| 12.0         |           |                        |                            |                                                      |         |
| 13.0         | S-4       | Bkg                    | SM                         | Br c-fS, s \$ (+/- 15.0 ft)                          | R=4.0'  |
| 14.0         |           |                        |                            |                                                      | No Odor |
| 15.0         |           |                        |                            |                                                      | WET     |
| 16.0         |           |                        |                            |                                                      |         |
| 17.0         |           |                        |                            |                                                      |         |
| 18.0         |           |                        |                            | Advance LB to 20.0 feet.                             |         |
| 19.0         |           |                        |                            |                                                      |         |
| 20.0         |           |                        |                            |                                                      |         |

|                                   |
|-----------------------------------|
| Groundwater sample not collected  |
| Soil Boring Completed @ 22.0 feet |

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# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                   |              |                                 |                                     | Boring No.                          | GP-13       |
|-----------------------------------|--------------|---------------------------------|-------------------------------------|-------------------------------------|-------------|
| PROJECT: Mohawk Honda             |              |                                 |                                     | SHEET NO. 2 of 2                    |             |
| CLIENT: Haraden Motor Car Corp.   |              |                                 |                                     | JOB NO. 02.08164                    |             |
| Depth<br>(feet)                   | Sample<br>ID | Peak<br>PID<br>(ppm)<br>bkg=0.0 | Unified<br>Soil<br>Class.<br>System | GEOLOGIC DESCRIPTION                | REMARKS     |
| 21.0                              | S-4          | Bkg                             |                                     | Gr c-fS a \$, t cG; occ shells, ash | R=1.0'      |
| 22.0                              |              |                                 |                                     | Note: Large Bore (LB) Sample        | No Odor/WET |
| 23.0                              |              |                                 |                                     | End of Boring 22.0 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                              |              |                                 |                                     |                                     |             |
| Groundwater sample not collected  |              |                                 |                                     |                                     |             |
| Soil Boring Completed @ 22.0 feet |              |                                 |                                     |                                     |             |

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# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                                                          |  |        |             |           |               | Boring No. GP-14          |
|--------------------------------------------------------------------------|--|--------|-------------|-----------|---------------|---------------------------|
| PROJECT: Mohawk Honda                                                    |  |        |             |           |               | SHEET NO. 1 of 1          |
| CLIENT: Haraden Motor Car Corp.                                          |  |        |             |           |               | JOB NO. 02.08164          |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation |  |        |             |           |               | M.P. ELEV. NM             |
| PURPOSE: Subsurface Investigation                                        |  |        |             |           |               | GR. ELEV. NM              |
| DRILLING METHOD: Direct Push                                             |  |        | Soil Sample | GW Sample | Sample Method | DATUM 100.00 ft           |
| DRILL RIG: Geoprobe 540U                                                 |  | TYPE   | Macro       | ----      | ----          | DATE START June 20, 2003  |
| GROUND WATER LEVEL: N/A                                                  |  | DIAM.  | 2.0"        | ----      | ----          | DATE FINISH June 20, 2003 |
| MEASURING PT.: Ground                                                    |  | Sample | Yes         | No        | No            | DRILLER P. Kemble         |
| DATE: June 20, 2003                                                      |  | Screen | ----        | ----      | ----          | INSPECTOR T. Scott        |

| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                                                  | REMARKS         |         |
|--------------|-----------|------------------------|----------------------------|-----------------------------------------------------------------------|-----------------|---------|
| 1.0          | S-1       | Bkg                    | SM                         | Asphalt                                                               | Augered to 6.0' |         |
| 2.0          |           |                        |                            | Br cfS, s \$                                                          |                 | No Odor |
| 3.0          |           |                        |                            | Brown coarse to fine SAND, some Silt                                  |                 |         |
| 4.0          |           |                        |                            |                                                                       |                 |         |
| 5.0          | S-2       | Bkg                    |                            | Same as above                                                         | R=Cuttings      |         |
| 6.0          |           |                        |                            |                                                                       | No Odor/Dry     |         |
| 7.0          |           |                        |                            | End of Boring 6.0' - Refusal Concrete                                 |                 |         |
| 8.0          |           |                        |                            | Note: Moved boring location five times refusal on concrete each time. |                 |         |
| 9.0          |           |                        |                            |                                                                       |                 |         |
| 10.0         |           |                        |                            |                                                                       |                 |         |
| 11.0         |           |                        |                            |                                                                       |                 |         |
| 12.0         |           |                        |                            |                                                                       |                 |         |
| 13.0         |           |                        |                            |                                                                       |                 |         |
| 14.0         |           |                        |                            |                                                                       |                 |         |
| 15.0         |           |                        |                            |                                                                       |                 |         |
| 16.0         |           |                        |                            |                                                                       |                 |         |
| 17.0         |           |                        |                            |                                                                       |                 |         |
| 18.0         |           |                        |                            |                                                                       |                 |         |
| 19.0         |           |                        |                            |                                                                       |                 |         |
| 20.0         |           |                        |                            |                                                                       |                 |         |

|                                  |
|----------------------------------|
| Groundwater sample not collected |
| Soil Boring Completed @ 6.0 feet |

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# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| <b>TEST BORING LOG</b>                                                          |  |               |                    |                  |                      | Boring No. <b>GP-15</b>          |
|---------------------------------------------------------------------------------|--|---------------|--------------------|------------------|----------------------|----------------------------------|
| <b>PROJECT:</b> Mohawk Honda                                                    |  |               |                    |                  |                      | <b>SHEET NO.</b> 1 of 1          |
| <b>CLIENT:</b> Haraden Motor Car Corp.                                          |  |               |                    |                  |                      | <b>JOB NO.</b> 02.08164          |
| <b>DRILLING CONTRACTOR:</b> Northeastern Environmental Technologies Corporation |  |               |                    |                  |                      | <b>M.P. ELEV.</b> NM             |
| <b>PURPOSE:</b> Subsurface Investigation                                        |  |               |                    |                  |                      | <b>GR. ELEV.</b> NM              |
| <b>DRILLING METHOD:</b> Direct Push                                             |  |               | <b>Soil Sample</b> | <b>GW Sample</b> | <b>Sample Method</b> | <b>DATUM</b> 100.00 ft           |
| <b>DRILL RIG:</b> Geoprobe 540U                                                 |  | <b>TYPE</b>   | Macro              | -----            | ----                 | <b>DATE START</b> June 23, 2003  |
| <b>GROUND WATER LEVEL:</b> +/- 10.0'                                            |  | <b>DIAM.</b>  | 2.0"               | ----             | ----                 | <b>DATE FINISH</b> June 23, 2003 |
| <b>MEASURING PT.:</b> Ground                                                    |  | <b>Sample</b> | Yes                | No               | No                   | <b>DRILLER</b> P. Kemble         |
| <b>DATE:</b> June 23, 2003                                                      |  | <b>Screen</b> | -----              | ----             | ----                 | <b>INSPECTOR</b> T. Scott        |

| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                      | REMARKS                                                                                                                                                       |         |      |
|--------------|-----------|------------------------|----------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|
| 1.0          |           |                        | SM                         | Asphalt                                   | <div style="display: flex; align-items: center;"> <div style="flex: 1;">Augered to 4.0'</div> <div style="flex: 0 0 10px; text-align: center;">↓</div> </div> |         |      |
| 2.0          |           |                        |                            | Dk Br cfS, s \$                           |                                                                                                                                                               | No Odor |      |
| 3.0          |           |                        |                            | Dark Brown coarse to fine SAND, some Silt |                                                                                                                                                               |         | Damp |
| 4.0          |           |                        |                            |                                           |                                                                                                                                                               |         |      |
| 5.0          | S-1       | Bkg                    | SM                         | Br c-fS, s \$                             | R=3.7'                                                                                                                                                        |         |      |
| 6.0          |           |                        |                            | Same as above                             | No Odor                                                                                                                                                       |         |      |
| 7.0          |           |                        |                            |                                           | Damp                                                                                                                                                          |         |      |
| 8.0          |           |                        |                            |                                           |                                                                                                                                                               |         |      |
| 9.0          | S-2       | Bkg                    | SM                         | Same as above                             | R=3.8'                                                                                                                                                        |         |      |
| 10.0         |           |                        |                            | No Odor                                   |                                                                                                                                                               |         |      |
| 11.0         |           |                        |                            |                                           | Damp to WET                                                                                                                                                   |         |      |
| 12.0         |           |                        |                            |                                           |                                                                                                                                                               |         |      |
| 13.0         | S-3       | Bkg                    | SM                         | Same as above                             | R=3.9'                                                                                                                                                        |         |      |
| 14.0         |           |                        |                            | No Odor                                   |                                                                                                                                                               |         |      |
| 15.0         |           |                        |                            |                                           | WET                                                                                                                                                           |         |      |
| 16.0         |           |                        |                            |                                           |                                                                                                                                                               |         |      |
| 17.0         |           |                        |                            | End of Boring 16.0 feet                   |                                                                                                                                                               |         |      |
| 18.0         |           |                        |                            |                                           |                                                                                                                                                               |         |      |
| 19.0         |           |                        |                            |                                           |                                                                                                                                                               |         |      |
| 20.0         |           |                        |                            |                                           |                                                                                                                                                               |         |      |

Groundwater sample not collected

Soil Boring Completed @ 6.0 feet

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# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                                                          |  |        |             |           |               | Boring No. GP-16          |
|--------------------------------------------------------------------------|--|--------|-------------|-----------|---------------|---------------------------|
| PROJECT: Mohawk Honda                                                    |  |        |             |           |               | SHEET NO. 1 of 1          |
| CLIENT: Haraden Motor Car Corp.                                          |  |        |             |           |               | JOB NO. 02.08164          |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation |  |        |             |           |               | M.P. ELEV. NM             |
| PURPOSE: Subsurface Investigation                                        |  |        |             |           |               | GR. ELEV. NM              |
| DRILLING METHOD: Direct Push                                             |  |        | Soil Sample | GW Sample | Sample Method | DATUM 100.00 ft           |
| DRILL RIG: Geoprobe 540U                                                 |  | TYPE   | Macro       | ----      | ----          | DATE START June 23, 2003  |
| GROUND WATER LEVEL: +/- 10.0'                                            |  | DIAM.  | 2.0"        | ----      | ----          | DATE FINISH June 23, 2003 |
| MEASURING PT.: Ground                                                    |  | Sample | Yes         | No        | No            | DRILLER P. Kemble         |
| DATE: June 23, 2003                                                      |  | Screen | ----        | ----      | ----          | INSPECTOR T. Scott        |

| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                        | REMARKS                 |         |
|--------------|-----------|------------------------|----------------------------|---------------------------------------------|-------------------------|---------|
| 1.0          |           |                        | SM                         | Asphalt                                     | Augered to 4.0'         |         |
| 2.0          |           |                        |                            | Dk Br c-fs, s \$                            |                         | No Odor |
| 3.0          |           |                        |                            | Dark Brown coarse to fine SAND, some Silt   |                         |         |
| 4.0          |           |                        |                            |                                             |                         |         |
| 5.0          | S-1       | Bkg                    | SM                         | Br c-fs, s \$                               | R=3.6'                  |         |
| 6.0          |           |                        |                            |                                             | No Odor                 |         |
| 7.0          |           |                        |                            |                                             | Damp                    |         |
| 8.0          |           |                        |                            |                                             |                         |         |
| 9.0          | S-2       | Bkg                    | SM                         | Br c-fs, s \$; occ lyr Bk ash, brk, gls, wd | R=3.8'                  |         |
| 10.0         |           |                        |                            |                                             | No Odor                 |         |
| 11.0         |           |                        |                            |                                             | Dry                     |         |
| 12.0         |           |                        |                            |                                             |                         |         |
| 13.0         | S-3       | Bkg                    | SM                         | Same as above                               | R=3.7'                  |         |
| 14.0         |           |                        |                            |                                             | No Odor                 |         |
| 15.0         |           |                        |                            |                                             | Damp                    |         |
| 16.0         |           |                        |                            |                                             |                         |         |
| 17.0         | S-4       | Bkg                    | SM                         | Br c-fs, s \$; occ lyr Br Gr c-fs, s \$     | R=3.9'                  |         |
| 18.0         |           |                        |                            |                                             | No Odor                 |         |
| 19.0         |           |                        |                            |                                             | WET                     |         |
| 20.0         |           |                        |                            |                                             | End of boring 20.0 feet |         |

|                                   |
|-----------------------------------|
| Groundwater sample not collected  |
| Soil Boring Completed @ 20.0 feet |

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Mailing Address: P.O. Box 2167 Ballston Spa, NY 12020 (518) 884-9710 - Fax

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                                                          |  |        |             |           |               | Boring No. GP-17          |
|--------------------------------------------------------------------------|--|--------|-------------|-----------|---------------|---------------------------|
| PROJECT: Mohawk Honda                                                    |  |        |             |           |               | SHEET NO. 1 of 1          |
| CLIENT: Haraden Motor Car Corp.                                          |  |        |             |           |               | JOB NO. 02.08164          |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation |  |        |             |           |               | M.P. ELEV. NM             |
| PURPOSE: Subsurface Investigation                                        |  |        |             |           |               | GR. ELEV. NM              |
| DRILLING METHOD: Direct Push                                             |  |        | Soil Sample | GW Sample | Sample Method | DATUM 100.00 ft           |
| DRILL RIG: Geoprobe 540U                                                 |  | TYPE   | Macro       | ----      | ----          | DATE START June 23, 2003  |
| GROUND WATER LEVEL: N/A                                                  |  | DIAM.  | 2.0"        | ----      | ----          | DATE FINISH June 23, 2003 |
| MEASURING PT.: Ground                                                    |  | Sample | Yes         | No        | No            | DRILLER P. Kemble         |
| DATE: June 23, 2003                                                      |  | Screen | ----        | ----      | ----          | INSPECTOR T. Scott        |

| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                                                   | REMARKS     |
|--------------|-----------|------------------------|----------------------------|------------------------------------------------------------------------|-------------|
| 1.0          | S-1       | Bkg                    | SM                         | Asphalt                                                                | R=3.5'      |
| 2.0          |           |                        |                            | Br mfS, s \$                                                           | No Odor     |
| 3.0          |           |                        |                            | <u>Brown medium to fine SAND, some Silt</u>                            | Dry         |
| 4.0          |           |                        |                            |                                                                        |             |
| 5.0          | S-2       | Bkg                    | SM                         | Same as above                                                          | R=1.5'      |
| 6.0          |           |                        |                            |                                                                        | No Odor/Dry |
| 7.0          |           |                        |                            | End of Boring 6.0 feet                                                 |             |
| 8.0          |           |                        |                            | Note: Moved boring location three times refusal on concrete each time. |             |
| 9.0          |           |                        |                            |                                                                        |             |
| 10.0         |           |                        |                            |                                                                        |             |
| 11.0         |           |                        |                            |                                                                        |             |
| 12.0         |           |                        |                            |                                                                        |             |
| 13.0         |           |                        |                            |                                                                        |             |
| 14.0         |           |                        |                            |                                                                        |             |
| 15.0         |           |                        |                            |                                                                        |             |
| 16.0         |           |                        |                            |                                                                        |             |
| 17.0         |           |                        |                            |                                                                        |             |
| 18.0         |           |                        |                            |                                                                        |             |
| 19.0         |           |                        |                            |                                                                        |             |
| 20.0         |           |                        |                            |                                                                        |             |

|                                   |
|-----------------------------------|
| Groundwater sample not collected  |
| Soil Boring Completed @ 20.0 feet |

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Mailing Address: P.O. Box 2167 Ballston Spa, NY 12020 (518) 884-9710 - Fax

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                                                          |  |        |             |           |               | Boring No. GP-18          |
|--------------------------------------------------------------------------|--|--------|-------------|-----------|---------------|---------------------------|
| PROJECT: Mohawk Honda                                                    |  |        |             |           |               | SHEET NO. 1 of 1          |
| CLIENT: Haraden Motor Car Corp.                                          |  |        |             |           |               | JOB NO. 02.08164          |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation |  |        |             |           |               | M.P. ELEV. NM             |
| PURPOSE: Subsurface Investigation                                        |  |        |             |           |               | GR. ELEV. NM              |
| DRILLING METHOD: Direct Push                                             |  |        | Soil Sample | GW Sample | Sample Method | DATUM 100.00 ft           |
| DRILL RIG: Geoprobe 540U                                                 |  | TYPE   | Macro       | ----      | ----          | DATE START June 23, 2003  |
| GROUND WATER LEVEL: +/- 11.0'                                            |  | DIAM.  | 2.0"        | ----      | ----          | DATE FINISH June 23, 2003 |
| MEASURING PT.: Ground                                                    |  | Sample | Yes         | No        | No            | DRILLER P. Kemble         |
| DATE: June 23, 2003                                                      |  | Screen | ----        | ----      | ----          | INSPECTOR T. Scott        |

| Depth (feet) | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                 | REMARKS             |
|--------------|-----------|------------------------|----------------------------|--------------------------------------|---------------------|
| 1.0          |           |                        |                            | Asphalt                              |                     |
| 2.0          |           |                        |                            | Br mfS, s \$                         | Augered to 8.0'     |
| 3.0          |           |                        |                            | Brown medium to fine SAND, some Silt | No Odor             |
| 4.0          |           |                        |                            |                                      | Dry                 |
| 5.0          |           |                        |                            |                                      |                     |
| 6.0          |           |                        |                            |                                      |                     |
| 7.0          |           |                        |                            |                                      |                     |
| 8.0          |           |                        |                            |                                      |                     |
| 9.0          |           |                        |                            | Br mfS, s \$                         | (+/- 8.0 ft) R=3.8' |
| 10.0         |           |                        |                            |                                      | No Odor             |
| 11.0         | S-1       | Bkg                    |                            |                                      | Damp                |
| 12.0         |           |                        |                            |                                      |                     |
| 13.0         |           |                        |                            | Same as above                        | R=4.0'              |
| 14.0         |           |                        |                            |                                      | No Odor             |
| 15.0         | S-2       | Bkg                    |                            |                                      | WET                 |
| 16.0         |           |                        |                            |                                      |                     |
| 17.0         |           |                        |                            | End of Boring 16.0 feet              |                     |
| 18.0         |           |                        |                            |                                      |                     |
| 19.0         |           |                        |                            |                                      |                     |
| 20.0         |           |                        |                            |                                      |                     |

|                                   |
|-----------------------------------|
| Groundwater sample not collected  |
| Soil Boring Completed @ 16.0 feet |

Shipping Address: 1476 Route 50 Ballston Spa, NY 12020 (518) 884-8545 - Phone  
Mailing Address: P.O. Box 2167 Ballston Spa, NY 12020 (518) 884-9710 - Fax



# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

| TEST BORING LOG                                                          |           |                        |                            |                                           |               | Boring No.                | GP-19 |
|--------------------------------------------------------------------------|-----------|------------------------|----------------------------|-------------------------------------------|---------------|---------------------------|-------|
| PROJECT: Mohawk Honda                                                    |           |                        |                            |                                           |               | SHEET NO. 1 of 1          |       |
| CLIENT: Haraden Motor Car Corp.                                          |           |                        |                            |                                           |               | JOB NO. 02.08164          |       |
| DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation |           |                        |                            |                                           |               | M.P. ELEV. NM             |       |
| PURPOSE: Subsurface Investigation                                        |           |                        |                            |                                           |               | GR. ELEV. NM              |       |
| DRILLING METHOD: Direct Push                                             |           |                        | Soil Sample                | GW Sample                                 | Sample Method | DATUM 100.00 ft           |       |
| DRILL RIG: Geoprobe 540U                                                 |           | TYPE                   | Macro                      | ----                                      | ----          | DATE START June 23, 2003  |       |
| GROUND WATER LEVEL: N/A                                                  |           | DIAM.                  | 2.0"                       | ----                                      | ----          | DATE FINISH June 23, 2003 |       |
| MEASURING PT.: Ground                                                    |           | Sample                 | Yes                        | No                                        | No            | DRILLER P. Kemble         |       |
| DATE: June 23, 2003                                                      |           | Screen                 | ----                       | ----                                      | ----          | INSPECTOR T. Scott        |       |
| Depth (feet)                                                             | Sample ID | Peak PID (ppm) bkg=0.0 | Unified Soil Class. System | GEOLOGIC DESCRIPTION                      |               | REMARKS                   |       |
| 1.0                                                                      | S-1       | Bkg                    | SM                         | Asphalt - Gray Gravel                     |               | R=3.1'                    |       |
| 2.0                                                                      |           |                        |                            | Br mfS, s \$                              |               | No Odor                   |       |
| 3.0                                                                      |           |                        |                            | Brown medium to fine SAND, some Silt      |               | Dry                       |       |
| 4.0                                                                      |           |                        |                            |                                           |               |                           |       |
| 5.0                                                                      | S-2       | Bkg                    | SM                         | Same as above                             |               | R=1.5'                    |       |
| 6.0                                                                      |           |                        |                            |                                           |               | No Odor/Dry               |       |
| 7.0                                                                      |           |                        |                            | End of Boring 6.0 feet - Refusal Concrete |               |                           |       |
| 8.0                                                                      |           |                        |                            |                                           |               |                           |       |
| 9.0                                                                      |           |                        |                            |                                           |               |                           |       |
| 10.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 11.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 12.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 13.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 14.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 15.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 16.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 17.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 18.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 19.0                                                                     |           |                        |                            |                                           |               |                           |       |
| 20.0                                                                     |           |                        |                            |                                           |               |                           |       |
| Groundwater sample not collected                                         |           |                        |                            |                                           |               |                           |       |
| Soil Boring Completed @ 6.0 feet                                         |           |                        |                            |                                           |               |                           |       |

Shipping Address: 1476 Route 50 Ballston Spa, NY 12020 (518) 884-8545 - Phone  
Mailing Address: P.O. Box 2167 Ballston Spa, NY 12020 (518) 884-9710 - Fax

## APPENDIX E

### CITY OF ALBANY SOIL DISPOSAL REPORT



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@attglobal.net](mailto:jwink@attglobal.net)

Date 07/11/03  
Time 07:12:25 AM

City of Albany, NY

Page 1

## Grid Summary Report

Detailed Report for For the Period 07/08/2003 - 07/10/2003

Sites 00 - 99 Grids

Materials

- ZZZZZZZZZZ Material Types - 2 Accounts 6035 - 6035 Customer Types - 2

| Date         | Grid           | Material | Customer              | Tickets   | Count | Volume | Net Mt. |
|--------------|----------------|----------|-----------------------|-----------|-------|--------|---------|
| 07/08/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-151963 | 0     | 0      | 29.78   |
| 07/08/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-151994 | 0     | 0      | 34.94   |
| 07/08/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152032 | 0     | 0      | 30.74   |
| 07/08/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152040 | 0     | 0      | 35.64   |
| 07/08/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152047 | 0     | 0      | 30.92   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152078 | 0     | 0      | 36.36   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152081 | 0     | 0      | 33.18   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152090 | 0     | 0      | 33.15   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152110 | 0     | 0      | 36.32   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152113 | 0     | 0      | 34.61   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152126 | 0     | 0      | 33.50   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152144 | 0     | 0      | 35.21   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152165 | 0     | 0      | 37.53   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152183 | 0     | 0      | 33.52   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152198 | 0     | 0      | 36.56   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152211 | 0     | 0      | 33.06   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152214 | 0     | 0      | 33.51   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152232 | 0     | 0      | 37.03   |
| 07/09/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152247 | 0     | 0      | 34.97   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152249 | 0     | 0      | 32.85   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152279 | 0     | 0      | 38.73   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152280 | 0     | 0      | 32.19   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152300 | 0     | 0      | 35.08   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152303 | 0     | 0      | 36.53   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152339 | 0     | 0      | 35.58   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152343 | 0     | 0      | 33.44   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152374 | 0     | 0      | 35.03   |
| 07/10/03     | P4 CELLS 7.8.9 | PCS      | NORTHEASTERN ENVIRONM | 02-152379 | 0     | 0      | 4.84    |
| Total        |                |          |                       | 28        | 0     | 0      | 934.80  |
| Report Total |                |          |                       | 28        | 0     | 0      | 934.80  |

# APPENDIX F

## WATER QUALITY REPORTS



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@attglobal.net](mailto:jwink@attglobal.net)

# INFLUENT WATER QUALITY REPORT

# Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209

Mailing: Box 289 • Syracuse, NY 13206

Albany (518) 459-3134

Binghamton (607) 724-0478

Buffalo (716) 649-2533

Rochester (585) 436-9070

New Jersey (201) 343-5353

July 7, 2003

Mr. Jeff Wink  
NE Environmental Tech. Corp.  
P.O. Box 2167  
Ballston Spa, NY 12020

Re: Analysis Report #17403045 - Mohawk Honda

Dear Mr. Wink:

Please find enclosed the results for your samples which were received on June 20, 2003.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.



Anthony J. Scala  
Director

AJS/ac

Enclosures: report, invoice

cc/encs: N. Scala, ULI  
file

Note: Faxed results were given to your office on 6/26 and 7/3/03. AJS

**Disclaimer:** The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 07/07/03

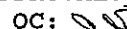
Upstate Laboratories, Inc.  
Analysis Results

Report Number: 17403045

Client I.D.: NE ENVIRONMENTAL TECH., CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL:

QC: 

Lab I.D.: 10170

UST-1/2 EXCAVATION WATER 1115H 06/20/03 G

ULI I.D.: 17403045

Matrix: Water

| PARAMETERS                  | RESULTS | TIME | DATE     | ANAL. | KEY | KEY   | FILE#  |
|-----------------------------|---------|------|----------|-------|-----|-------|--------|
| -----                       | -----   | ---- | -----    | ----- | --- | ----- | -----  |
| EPA 502.2                   |         |      |          |       |     |       |        |
| -----                       |         |      |          |       |     |       |        |
| Dichlorodifluoromethane     | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Chloromethane               | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Vinyl Chloride              | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Bromomethane                | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Chloroethane                | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Trichlorofluoromethane      | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1-Dichloroethane          | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Methylene Chloride          | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| trans-1,2-Dichloroethene    | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1-Dichloroethane          | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| cis-1,2-Dichloroethene      | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Bromochloromethane          | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Chloroform                  | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 2,2-Dichloropropane         | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,2-Dichloroethane          | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1,1-Trichloroethane       | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1-Dichloropropene         | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Carbon Tetrachloride        | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Dibromomethane              | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,2-Dichloropropane         | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Trichloroethene             | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Bromodichloromethane        | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| cis-1,3-Dichloropropene     | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| trans-1,3-Dichloropropene   | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1,2-Trichloroethane       | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,3-Dichloropropane         | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Dibromochloromethane        | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,2-Dibromoethane           | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Tetrachloroethene           | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1,1,2-Tetrachloroethane   | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Bromoform                   | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,1,2,2-Tetrachloroethane   | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,2,3-Trichloropropane      | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| 1,2-Dibromo-3-chloropropane | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Benzene                     | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Toluene                     | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Chlorobenzene               | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |
| Ethylbenzene                | <10ug/l |      | 06/26/03 |       | 1   |       | VA6912 |

DATE: 07/07/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 17403045

Client I.D.: NE ENVIRONMENTAL TECH., CORP. MOHAWK HONDA

Sampled by: Client

APPROVAL:

QC:

Lab I.D.: 10170

UST-1/2 EXCAVATION WATER 1115H 06/20/03 G

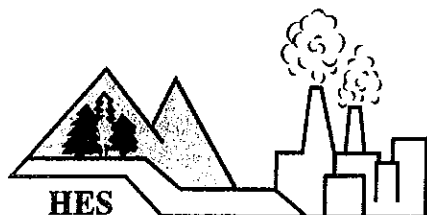
ULI I.D.: 17403045

Matrix: Water

| PARAMETERS             | RESULTS | TIME | DATE ANAL. | KEY | KEY | FILE#  |
|------------------------|---------|------|------------|-----|-----|--------|
| m-xylene and p-xylene  | <20ug/l |      | 06/26/03   | 1   |     | VA6912 |
| Styrene                | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| o-xylene               | 17ug/l  |      | 06/26/03   |     |     | VA6912 |
| Isopropylbenzene       | 13ug/l  |      | 06/26/03   |     |     | VA6912 |
| Bromobenzene           | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| n-Propylbenzene        | 16ug/l  |      | 06/26/03   |     |     | VA6912 |
| 2-Chlorotoluene        | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| 4-Chlorotoluene        | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| 1,3,5-Trimethylbenzene | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| tert-Butylbenzene      | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| 1,2,4-Trimethylbenzene | 47ug/l  |      | 06/26/03   |     |     | VA6912 |
| sec-Butylbenzene       | 11ug/l  |      | 06/26/03   |     |     | VA6912 |
| 1,3-Dichlorobenzene    | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| 1,4-Dichlorobenzene    | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| 4-Isopropyltoluene     | 11ug/l  |      | 06/26/03   |     |     | VA6912 |
| 1,2-Dichlorobenzene    | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| n-Butylbenzene         | 17ug/l  |      | 06/26/03   |     |     | VA6912 |
| 1,2,4-Trichlorobenzene | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| Naphthalene            | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| Hexachlorobutadiene    | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| 1,2,3-Trichlorobenzene | <10ug/l |      | 06/26/03   | 1   |     | VA6912 |
| MTBE                   | <40ug/l |      | 06/26/03   | 1   |     | VA6912 |



# EFFLUENT WATER QUALITY REPORT



## 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

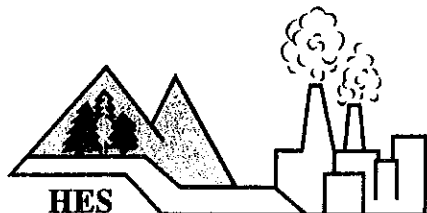
ANALYTICAL TEST RESULTS  
N.Y.S.D.O.H. LAB ID#11140

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 07/14/03SAMPLE DESCRIPTION: Eff-1TIME SAMPLED: 10:35 AMMATRIX: GroundwaterDATE SAMPLE RECD: 07/15/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030715G01SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Benzene                | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Toluene                | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Ethylbenzene           | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| o-Xylene               | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Isopropylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| n-Propylbenzene        | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| tert,Butylbenzene      | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| sec-Butylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| p-Isopropyltoluene     | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| n-Butylbenzene         | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |

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

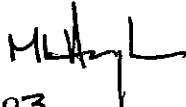
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 07/14/03SAMPLE DESCRIPTION: Eff-2TIME SAMPLED: 4:35 AMMATRIX: GroundwaterDATE SAMPLE RECD: 07/15/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030715G02SAMPLER: W.Cook/NETC

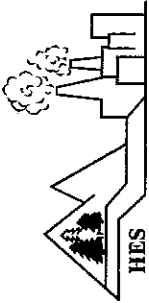
| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Benzene                | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Toluene                | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Ethylbenzene           | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| o-Xylene               | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Isopropylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| n-Propylbenzene        | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| tert, Butylbenzene     | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| sec-Butylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| p-Isopropyltoluene     | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| n-Butylbenzene         | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |

Non-Target Peaks

Negative

Approval By: Date: 7/16/03

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 NESC Mail Address \_\_\_\_\_  
Client Contact/Person # BILL COOK / JEFF WINK  
Project Location MOHAWK HALL  
Purchase Order \_\_\_\_\_ Phone # \_\_\_\_\_  
HES Contact \_\_\_\_\_

| HES Use Only<br>Lab ID | Sample ID / Description | Date<br>Collected | TIME<br>A = a.m.<br>P = p.m. | SAMPLE TYPE<br>C = Composite<br>G = Grab |   |   | #<br>Confs. | ANALYSIS REQUIRED |
|------------------------|-------------------------|-------------------|------------------------------|------------------------------------------|---|---|-------------|-------------------|
| 030715G01              | EFF-1                   | 7/14/03           | 1035 A                       | MATRIX                                   | C | G | 2           | STARS 8021        |
| 030715G02              | EFF-2                   | 7/14/03           | 435 P                        | GW                                       |   |   | 2           | " "               |
|                        |                         |                   | A                            |                                          |   |   |             |                   |
|                        |                         |                   | P                            |                                          |   |   |             |                   |
|                        |                         |                   | A                            |                                          |   |   |             |                   |
|                        |                         |                   | P                            |                                          |   |   |             |                   |
|                        |                         |                   | A                            |                                          |   |   |             |                   |
|                        |                         |                   | P                            |                                          |   |   |             |                   |
|                        |                         |                   | A                            |                                          |   |   |             |                   |
|                        |                         |                   | P                            |                                          |   |   |             |                   |
|                        |                         |                   | A                            |                                          |   |   |             |                   |
|                        |                         |                   | P                            |                                          |   |   |             |                   |

Matrix: SL - Sludge, O - Oil, DW - Drinking Water, GW - Ground Water, SE - Sediment, SW - Surface Water, L - Leachate, A - Air, WI - Wipe, DS - Drum Solids, DL - Drum Liquids, X - Other, WW - Waste Water  
Special Instructions: NONE

|                                                 |           |                                             |                                  |
|-------------------------------------------------|-----------|---------------------------------------------|----------------------------------|
| Sampled by: (Signature) <u>[Signature]</u>      | Date/Time | Received by: (Signature) <u>[Signature]</u> | Date/Time                        |
| Relinquished by: (Signature) <u>[Signature]</u> | Date/Time | Received by: (Signature) <u>[Signature]</u> | Date/Time                        |
| Relinquished by: (Signature) <u>[Signature]</u> | Date/Time | Received by: (Signature) <u>[Signature]</u> | Date/Time                        |
| Dispatched by: (Signature) <u>[Signature]</u>   | Date/Time | Method of Shipment: <u>HES RPK</u>          | Date/Time                        |
| Received @ Laboratory: <u>[Signature]</u>       | Date/Time | Turnaround Time: <u>24 hours</u>            | Lab Approval: <u>[Signature]</u> |

HES  
Use Only

Samples Were:  
1. Shipped by Hand Delivered  
NOTES: 17  
2. Ambient or Chilled  
NOTES:  
3. Received Broken/Leaking (Improperly Sealed)  
Y N  
NOTES:  
4. Properly Preserved  
NOTES: Y N  
5. Received Within Holding Times  
Y N  
NOTES:

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:

ATTACHMENT 2



## HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

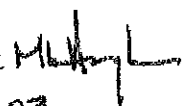
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 07/14/03SAMPLE DESCRIPTION: Eff-2TIME SAMPLED: 4:35 AMMATRIX: GroundwaterDATE SAMPLE RECD: 07/15/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S. #: 030715G02SAMPLER: W.Cook/NETC

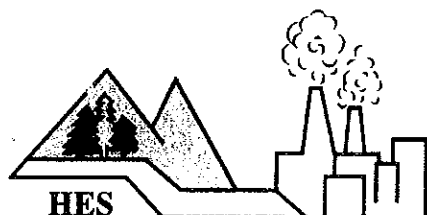
| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Benzene                | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Toluene                | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Ethylbenzene           | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| o-Xylene               | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| Isopropylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| n-Propylbenzene        | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| tert, Butylbenzene     | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| sec-Butylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| p-Isopropyltoluene     | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |
| n-Butylbenzene         | SW846-8260B   | <0.5          | ug/l         | 07/15/03         |

Non-Target Peaks

Negative

Approval By: Date: 7/16/03

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

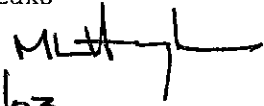
ANALYTICAL TEST RESULTS  
N.Y.S.D.O.H. LAB ID#11140

CLIENT: Northeastern Environmental Technologies, Corp. DATE SAMPLED: 07/15/03SAMPLE DESCRIPTION: Eff-3TIME SAMPLED: 2:05 PMMATRIX: GroundwaterDATE SAMPLE RECD: 07/17/03LOCATION: Mohawk HondaTYPE SAMPLE: GrabH.E.S.#: 030717G01SAMPLER: W.Cook/NETC

| <u>PARAMETER</u>       | <u>METHOD</u> | <u>RESULT</u> | <u>UNITS</u> | <u>TEST DATE</u> |
|------------------------|---------------|---------------|--------------|------------------|
| MTBE                   | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| Benzene                | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| Toluene                | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| Ethylbenzene           | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| m-Xylene\p-Xylene      | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| o-Xylene               | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| Isopropylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| n-Propylbenzene        | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| 1,3,5-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| tert, Butylbenzene     | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| 1,2,4-Trimethylbenzene | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| sec-Butylbenzene       | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| p-Isopropyltoluene     | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |
| n-Butylbenzene         | SW846-8260B   | <0.5          | ug/l         | 07/18/03         |

Non-Target Peaks

Negative

Approval By: Date: 7/23/03

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.



# APPENDIX G

## PHOTO LOG



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@attglobal.net](mailto:jwink@attglobal.net)

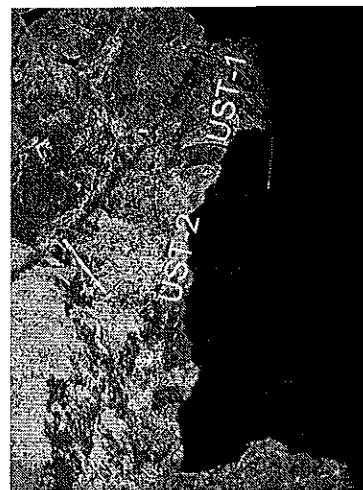


# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

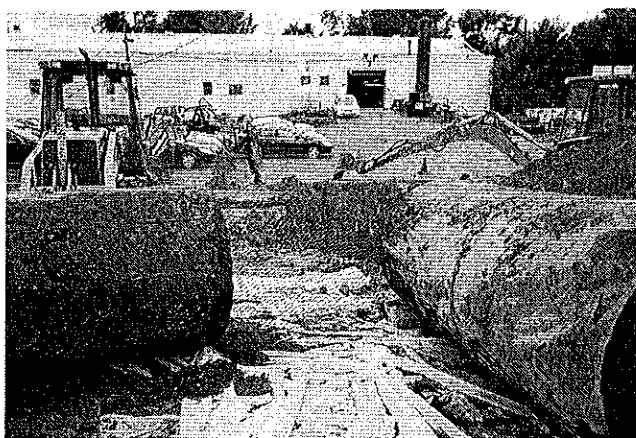
## Area 1 / UST-1 & 2



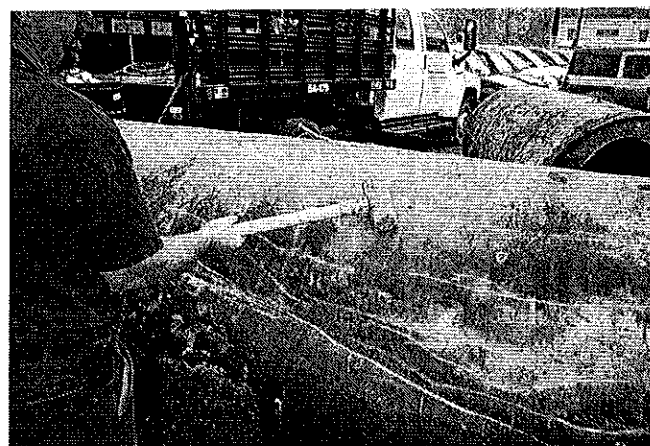
Exposing UST-1 & 2



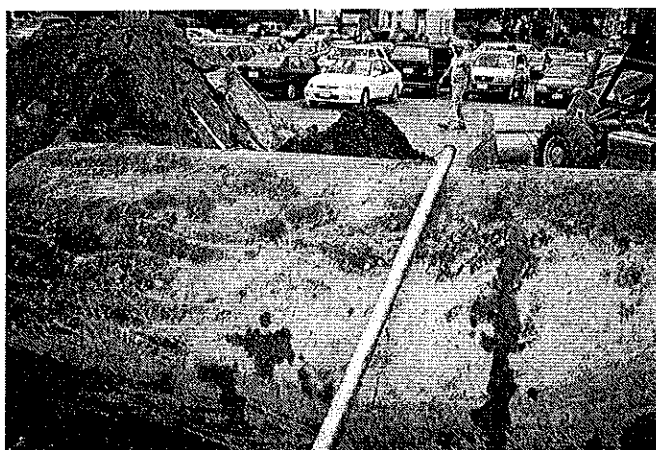
UST-1 and UST-2



UST-1 & 2 after removal from excavation



Holes found in UST-1 & 2



Holes found in UST-1 & 2



728 - 756 State Street  
Schenectady, NY



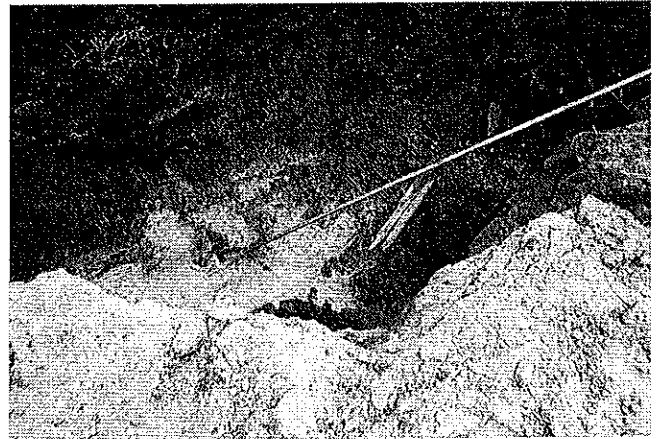
# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

ATTACHMENT 7

## Area 1 / UST-1 & 2



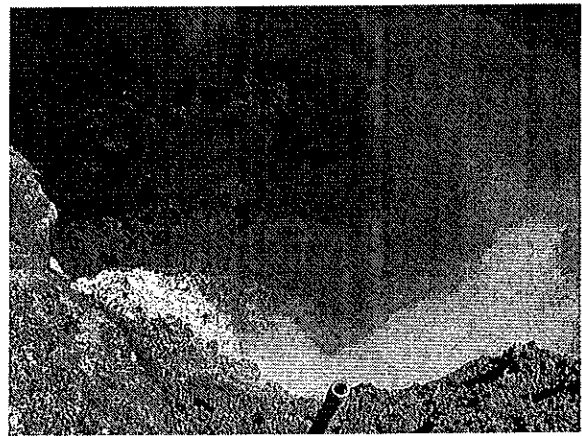
Excavation after UST removal



Remaining NAPL in excavation after UST removal



Northern edge of excavation



ORC application in the southwest corner of the excavation



Excavation after completed soil removal and backfilling



728 - 756 State Street  
Schenectady, NY

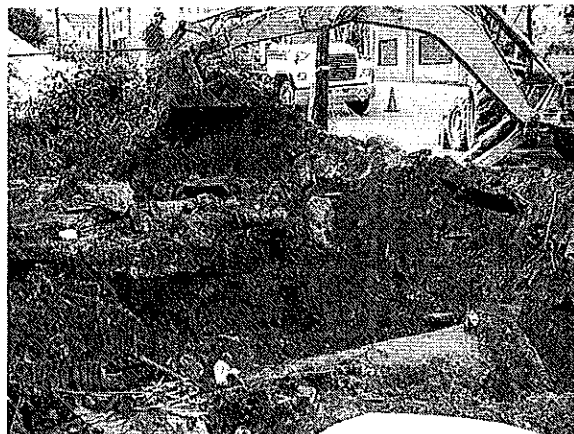


# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

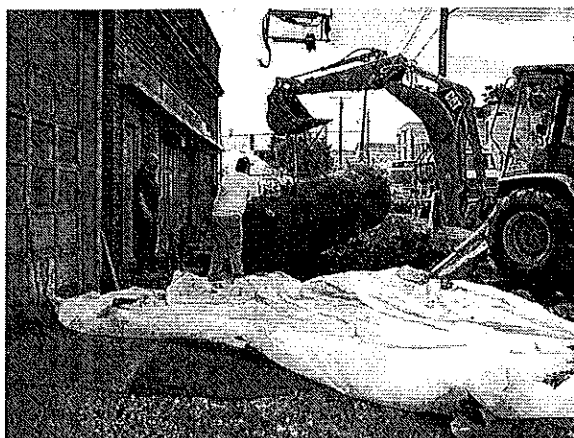
## Area 2 / UST-3



Exposing UST-3



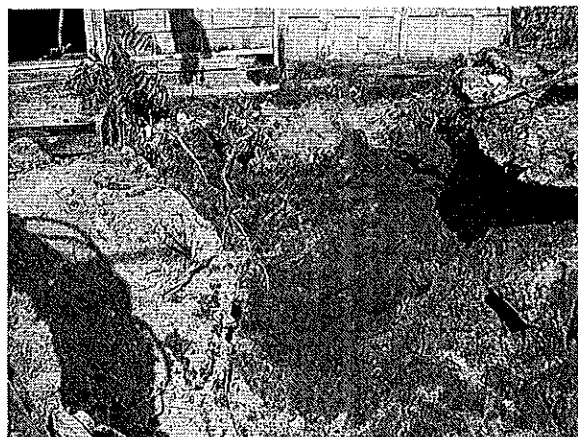
Exposing UST-3



UST-3 Removed from Excavation



Excavation after UST-3 removal



Excavation after UST-3 removal

728 - 756 State Street  
Schenectady, NY

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

## Area 3



Excavation of Area 3 - west side



Excavation of Area 3 - west side



Excavation Area 3 facing west



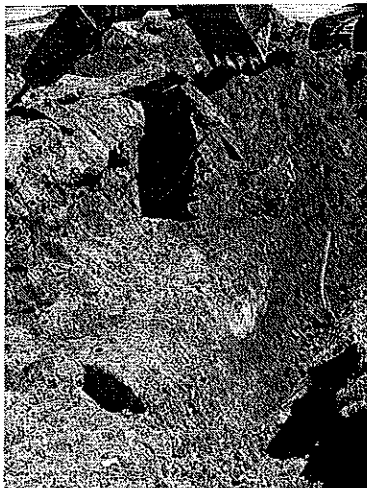
End of UST found in excavation

728 - 756 State Street  
Schenectady, NY

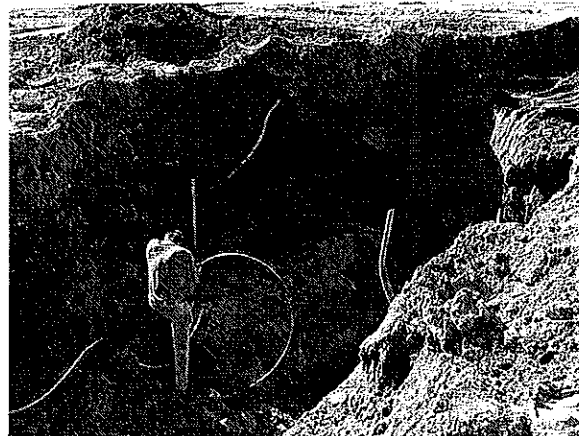


# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

## Area 4 / UST-4



Exposing UST-4



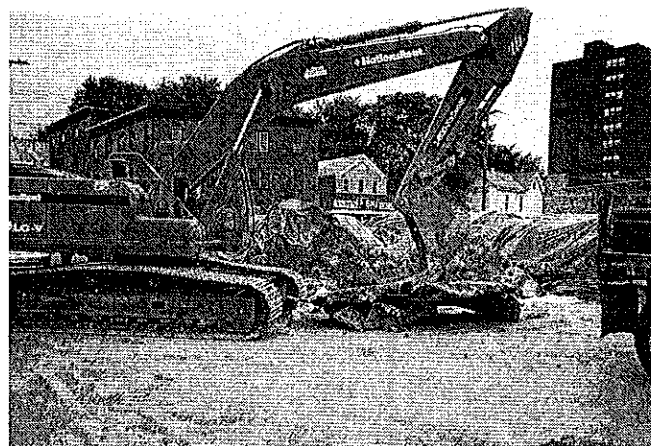
Flusking out of UST-4 using a Drum Vac



UST-4 Being removed from excavation



UST-4 removed from excavation and placed on plastic



UST-4 Broken apart - metal being disposed of off site

728 - 756 State Street  
Schenectady, NY

# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION

## Area 5



Excavation of Area 5 - facing northwest along sidewalk



Excavation of Area 5 - facing northwest - metal  
cabinet found in excavation



Stockpiled petroleum contaminated soil

728 - 756 State Street  
Schenectady, NY