

Initial Subsurface Investigation Report Weld Shop Facility

January 31, 2005

Site Location:

Northern Car Crushers
Weld Shop Facility
Route 9
Keeseville, New York

Prepared For:

Northern Car Crushers
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1.0 Introduction

This report provides a summary of the tasks completed for an initial subsurface investigation and other work associated with environmental compliance for the Northern Car Crushers (NCC) Weld Shop facility located on Route 9 South in Keeseville, New York. This work was conducted in response to alleged violations identified by the New York State Department of Environmental Conservation (NYSDEC). Erik Sandblom, PC (ESPC) performed this work for NCC, owner of the site, in accordance with the Work Plan prepared by Griffin International, Inc. for the site dated June 15, 2004 and revised August 11, 2004 and modified by a letter to Mr. Richard Wagner of the NYSDEC from Mr. Erik Sandblom dated September 27, 2004, as well as in accordance with previous correspondence including NYSDEC's letter dated October 27, 2003 and correspondence from NCC's counsel dated April 5, 2004.

The scope of work presented in this report includes the investigation of potential spill sites at the facility. Specific work elements included conducting test pits, soil screening, soil and groundwater sample analysis, excavation and stockpiling of impacted soils, and conducting an assessment of potentially sensitive receptors. This investigation was conducted to determine whether suspected spill areas at the site are contaminated and to what degree and extent. Other environmental compliance work conducted at the site including development of a stormwater pollution prevention plan (SWPPP), assessment, closure, and registration of petroleum bulk storage (PBS) tanks, and characterization of used motor oil at the facility are addressed in separate reports and correspondence.

2.0 Site Description

Northern Car Crushers, Inc. is an automotive recycling company that operates four facilities in the Village of Keeseville, New York. The Weld Shop facility is located along a flat stretch of Route 9 south of the central Village. Operations at the Weld Shop include vehicle and equipment maintenance and repair, and vehicle, trailer, and equipment storage. The weld shop is where vehicles are primarily dismantled if salvaged and where the majority of NCC's repair work is conducted. The main building on the site consists of a maintenance garage and is located near the northwest corner of the site. A large shed is located to the south of the maintenance building. Both buildings are constructed upon a concrete slab foundation.

According to NCC representatives, the site is the location of a former air field. A runway, several hangers and fuel tanks used to be located at the site. The hangers and fuel tanks have been removed and representatives of the NYSDEC reportedly oversaw their removal. Groundwater monitoring wells were installed at the site circa 1994-1996 as part of an environmental investigation. The environmental firm conducting the work has reportedly ceased doing business since and the location or disposition of any groundwater monitoring wells is unknown. A large uncovered stockpile of spent foundry sand is also located at the site. This stockpile was present at the site prior to when NCC began operations at the site. Historic analytical testing data of samples of the sand are available and are presented in Section 5.0 of this report.

The site is primarily unpaved with gravel access drives throughout the site. A concrete pad / loading dock is located to the east of the maintenance garage and was installed and used by previous owners of the site. The site is generally flat with a slight downward pitch to the northeast, toward a delineated wetland per Adirondack Park Agency (APA) GIS mapping located approximately 450 feet from the site. Otherwise the closest surface water is an unnamed tributary to the Ausable River located approximately 860 feet to the north of the site. A site location map and site map based on aerial photographs are included in Appendix A.

The site is served by municipal water and sewer. There are no known water supply wells, septic systems, pits, ponds, or lagoons located at the subject site. Water and sewer service lines are the only known subsurface utilities located at the site. All other utilities (electric and communications) are located overhead. The main building is heated by a used oil burner.

The site is bounded to the west by Route 9 followed by residential properties, to the north by a golf cart sales and repair business, to the south by a concrete plant, and to the east by wooded, undeveloped wetland. All neighboring properties are reportedly served by the municipal water and sewer systems.

According to the Surficial Geologic Map of New York – Adirondack Sheet (1991, Donald H. Cadwell and Donald C. Parr), the site is underlain by lacustrine delta coarse to fine gravel and sand stratified and generally well sorted. Field observation confirms this. Groundwater is located approximately 9 feet below grade in the vicinity of the maintenance building. Groundwater flow direction has not been measured. Based on review of site topography and soil types, groundwater likely flows to the northeast or to the north, toward the Ausable River tributary.

According to mapped sources (Geologic Map of New York – Adirondack Sheet, 1970, Isachsen and Fischer), bedrock geology consists of Potsdam sandstone. Bedrock depths are not known at this site.

3.0 Subsurface Investigation

3.1 Procedure

On October 26 and October 27, 2004, soil was excavated at the Weld Shop Facility from specific areas of alleged concern that were previously identified by NYSDEC personnel. An ESPC engineer oversaw the excavations. Northern Car Crushers provided a backhoe operator and a bucket loader operator. Mr. Greg Handy of the NYSDEC was present for all excavations.

Test pits were excavated at previously identified locations in accordance with the Work Plan, and as shown on the Site Map in Appendix A:

- TP – 1D ~ on and beside the loading dock to the east of the maintenance building; and,
- TP – 2D ~ the former storage location of two car crushers in the yard. To the east of TP-1D.

To determine the horizontal and vertical extent of potential contamination, soil samples were collected at two-foot intervals and screened for volatile organic compounds (VOCs) using a photoionization detector (PID). ESPC personnel used an HNu Model PI-101 PID equipped with a 10.2 eV ultraviolet bulb. The PID was calibrated each day in the field to an isobutylene standard. Soils were screened using the Jar / Polyethylene Bag Headspace Screening Protocol contained in the Work Plan, which conforms to state and industry standards. PID readings and soil characteristics were recorded in detailed logs by the supervising engineer. Data is described below and is also included in Appendix B.

Excavations were extended in the vertical and horizontal directions to the limit of impact as determined by PID readings of less than 1.0 part per million (ppm) in soils collected from the bottom and sides of each test pit, or until the limit of the equipment or as warranted by site conditions. To the extent required by the Work Plan, excavated soils were transported and stockpiled on polyethylene sheeting at the southeastern corner of the property as indicated on the site map. A separate segregated soil pile was generated for each test pit. Each soil pile was clearly marked and placed upon and covered with polyethylene sheeting.

For each test pit, characterization soil samples were collected from what appeared to be the most impacted soils, as determined by PID readings. A 16-ounce soil jar was filled with a grab sample for analysis of semi-volatile organic compounds (SVOCs), RCRA (8) metals, and ethylene glycol. A sample for analysis of volatile organic compounds (VOCs) was collected in a laboratory provided 40-milliliter vial containing methanol. A 16-ounce site composite sample was collected from all test pits for analysis of PCBs and pesticides.

After the limits of each excavation were defined, a composite confirmation sample was gathered from the sides and bottom of each test pit. Groundwater was encountered in TP-1D so a groundwater sample was collected in lieu of a soil sample. Confirmation samples were collected for analysis of VOCs, SVOCs, RCRA (8) metals, and ethylene glycol. A confirmation sample was also collected for analysis of PCBs and pesticides. Confirmation samples were held by the laboratory until the completion of characterization sample analyses. Confirmation samples were then subsequently analyzed only for compounds of concern based on the characterization sample results. A summary of the results are included in Appendix C and discussed in Section 4.0.

The sides of each excavation were sloped back and secured following the completion of each excavation. NCC backfilled each excavation with clean soils after a few days elapsed.

The subsequent sections contain a brief summary of field observations and screening results from each test pit.

3.2 Test Pit 1D

Test Pit 1D is located east of the Weld Shop, and consisted of soils both on and to the north of a concrete loading dock. This location was investigated due to apparent black staining observed on the loading dock and on soils adjacent to the loading dock. The

area was bounded to the north and east by scrap metal. Scrap was removed from the western boundary for equipment access. Scrap along the western pit boundary was relocated for this test pit, which was first excavated on October 26, 2004. Excavation was stopped on October 26 due to an equipment malfunction and resumed on October 27.

Soils in Test Pit 1D were primarily medium brown to orange brown moist sands. The average PID reading in soils in the test pit was 57 ppm, and the peak PID reading was 190 ppm. Black, tar-like soil was removed from channels in the concrete pad and stockpiled with the soil. The top 12" of soil was stained. At 3' below grade, a strong, sweet odor was encountered in the test pit.

At 108" below grade, groundwater was encountered. Since impacted soils as measured with the PID were encountered to the groundwater depth and in accordance with the approved Work Plan, the laboratory was instructed not to analyze the characterization soil sample. Instead, a groundwater sample was collected from the test pit on October 28, 2004 and analyzed for all compounds. For quality assurance / quality control (QA/QC) purposes a duplicate groundwater sample was collected for analysis of VOCs only. The quantity of soil excavated from TP-1D was not measured, although it is estimated to be approximately 20 cubic yards.

On December 8, 2004, TP-1D was re-excavated to approximately 12' below grade in order to collect an additional groundwater sample. This additional sampling was performed since sample holding times were exceeded by the laboratory for VOCs for the sample collected in October 2004. A backhoe was utilized to excavate straight down to the groundwater surface and a sample was collected by lowering a clean container into the excavation. Mr. Greg Handly of the NYSDEC was present at the time of the sample collection. Mr. Handly collected a split sample of the groundwater to be analyzed independently by the NYSDEC. The excavation was backfilled with the excavated material on this day and compacted.

3.3 Test Pit 2D

Test Pit 2D is located east of the weld shop adjacent to the site access road in the former location of two car crushers. The area was bounded by the dirt access drive and large scrap vehicles. The car crushers were relocated elsewhere on site for this test pit, which was excavated on October 26, 2004. This area was identified for investigation due to hydraulic oil leakage observed from one of the car crushers and resulting visible staining on the ground surface.

The soils in TP-2D were primarily medium brown to orange brown silty sands. Soils in the top 12" of the test pit were dark brown with visible stained lenses. The average PID reading in soils in the test pit was 2.2 ppm, and the peak PID reading was 20 ppm. A characterization sample was collected from the soils in the center of the excavation, approximately 1.5' below grade.

Vertically, the test pit was excavated to approximately 3' below grade, at the point where PID readings were non-detectable. An approximately 6" lens of stained soil was present along the western test pit boundary, but the excavation was limited horizontally to the west by a large army vehicle.

The excavation expanded to the east into the access driveway, tracing a dark, stained layer of soil approximately 16" below grade and 4" thick. It was hypothesized that the staining extended below the dirt access driveway. To confirm this, three additional test pits, each equivalent to two-bucket volumes, were excavated within the dirt driveway. These samples were located approximately 30' apart, and each exhibited the same soil profile as the eastern boundary of Test Pit 2D. The excavation was terminated to maintain the functionality of the driveway.

Neither bedrock nor groundwater was encountered in the test pit. The quantity of soil excavated from TP-1D was not measured, although it is estimated to be approximately 40 cubic yards.

4.0 Soil and Groundwater Sample Analytical Results

The characterization sample collected from TP-2D and the groundwater sample collected from TP-1D on October 27, 2004 were analyzed for the full list of VOCs (EPA Method 8260), STARS list SVOCs (EPA Method 8270 B/N), RCRA 8 metals and ethylene glycol. The site composite consisting of a mixture of characterization soil samples was analyzed for PCBs and pesticides (EPA Method 8081 / 8082). Although no detectible concentrations of pesticides or PCBs were present in the composite sample, the sample collected from TP-2D was inadvertently analyzed by the laboratory for PCBs and pesticides. The confirmation samples collected from TP-2D were analyzed for full list VOCs and select metals based on the results of the characterization samples. The groundwater sample collected from TP-1D on December 8, 2004 was analyzed for STARS list VOCs, full list SVOCs, RCRA 8 metals, and ethylene glycol.

All laboratory analysis was conducted by Hudson Environmental Services (HES) of South Glens Falls, New York, a NELAC certified environmental laboratory approved by the New York State Department of Health (NYSDOH) and an approved NYSDEC contractor.

Results are summarized in the table in Appendix C at the end of this report. Based on the results, VOCs were reported above detection limits in all samples collected (characterization, confirmation, and duplicate samples). All of the compounds detected are typical compounds found in petroleum products (fuels and lubrication oils). The levels of all detected compounds in all of the groundwater samples collected from TP-1D were below NYSDEC standards for groundwater with the exception of xylenes, 1,3,5 – trimethylbenzene, and 1,2,4 – trimethylbenzene, which were detected slightly above standards. No SVOCs, metals, or ethylene glycol were detected in any of the groundwater samples collected from TP-1D at the site.

Both the characterization and confirmation samples collected from TP-2D contained VOCs at concentration that are below soil cleanup objectives to protect groundwater quality as published in NYSDEC's Technical and Administrative Guidance Memorandum #4046 (TAGM). Toluene and m-Xylene / p-Xylene were detected in excess of their TCLP Alternative Guidance Value as reported in the NYSDEC Petroleum-Contaminated Soil Guidance Policy (STARS#1). No SVOCs or ethylene glycol were reported above method detection limits in any of the samples analyzed. None of the samples analyzed

contained elevated levels of heavy metals. No pesticides or PCBs were reported above method detection limits for the site composite sample or the sample collected from TP-1D.

All samples were collected and handled according to the Surface / Subsurface / Stockpiled Soil Sampling Protocol, Surface Water Sampling Protocol, Sample Containerization, Preservation and Handling Procedure, and Sample Packaging Protocol, contained in the Work Plan, which conform to industry and state standards. All samples were hand delivered to an HES courier under proper chain of custody.

The groundwater sample and duplicate collected on October 28, 2004 from TP-1D was analyzed 22 days following sample collection. The standard holding time according to method procedures and laboratory protocol is 14 days. Due to this breach in protocol, the groundwater sample from TP-1D was recollected on December 8, 2004. The laboratory inadvertently analyzed the sample past holding time and reported the results to ESPC by mistake. These results have already been provided to the NYSDEC by email and are provided in this report for informational purposes only. It is not considered likely that the data has been significantly compromised due to sample preservation and laboratory sample handling procedure which minimizes the likelihood of volatilization or degradation; however, the data cannot be adequately validated given the exceeded holding time and the data should not be relied upon.

It is noted that the relative percent difference (RPD) for the October 28, 2004 groundwater sample VOC results between the main sample and the duplicate are relatively high (50% and greater). Since this data is already not valid due to the exceeded holding time, the high RPD is inconsequential.

Review of the laboratory data, chain of custody documentation, and field documentation indicates that adequate quality assurance and quality control (QA/QC) were maintained for all other samples collected as part of this investigation.

5.0 Historical Sample Analysis Results

In addition to the sample analysis results obtained as part of this investigation, NCC provided ESPC with the analytical results of samples collected from surficial soils throughout the site and from a large stockpile of foundry sand located at the site. The samples were collected on May 10, 1995 prior to Northern Car Crushers acquiring the property. The results are included in a separate appendix at the end of this report.

According to the lab report from Champlain Laboratories of Plattsburgh, NY, the samples were analyzed for total petroleum hydrocarbons (TPH, method not reported), and for VOCs per EPA Method 8021. According to the report, it appears that the samples analyzed for TPH were collected from various locations throughout the site and the sample analyzed for VOCs was a composite sample collected from the foundry sand stockpile.

TPH was detected in samples ranging from 40.1 ppm to 43.6 ppm, with the exception of one sample collected from "behind garage cement pad", which is the same location as TP-1D. This sample contained 191 ppm TPH. None of the VOCs tested for were

detected in the foundry sand sample with the exception of cis-1,2-Dichloroethane, which was detected at a concentration of 31 ppb¹.

ESPC is not aware of a New York soil standard for TPH. The TAGM soil cleanup objective for cis-1,2-Dichloroethane is 6000 ppb and the TCLP Alternative Guidance Value is 100 ppb.

6.0 Sensitive Receptor Assessment

A receptor risk assessment was conducted to identify known and potential receptors of impact from petroleum compounds detected, if any, at the Northern Car Crushers Weld Shop Facility. A visual survey was conducted over the course of several visits to the site during this investigation. Based on these observations, a determination of the potential risk to identified receptors was made based on proximity to the expected source area, topography, presumed groundwater flow direction, and contaminant concentration levels in soils.

Water Supplies

The on-site buildings and surrounding sites are serviced by the municipal water system and there are no known public or private water supplies in proximity to the site. Based on the lack of water supplies in the vicinity of the site and the relatively low levels of contaminants detected in shallow soils at the site, water supplies do not appear to be at risk of impact.

Buildings in the Vicinity

The nearest building to any of the investigated areas is the maintenance garage located at the subject site. This building is constructed upon a slab foundation. The maintenance garage does not appear to be at risk of impact from residual petroleum compounds detected at the site, due to its distance from the source, and the overall low magnitude of contamination.

Surface Water

The closest surface water to the site and investigated areas is a mapped wetland 460' to the northeast of the site and the unnamed tributary located 865 feet to the north of the edge of the property. Due to the distance from the site and the low overall magnitude of contamination detected, these surface waters are considered to have minimal risk of petroleum impact from the subject site.

Utility Corridors

The area surrounding the site is serviced by public water and sewer. The location of the water and sewer lines is not known; however, the depth to these buried utilities is likely to be less than the depth to groundwater, approximately 9' below grade. Based on this and the low magnitude of contamination the potential of contaminant migration via utility corridors is considered minimal, if utility corridors do exist in the area.

7.0 Findings and Conclusions

- Based on available mapping and data gathered from the excavation and sample collection from two test pits conducted in October and December of 2004, the

site is underlain predominantly by silty sands and some gravels. Bedrock depth is unknown. Depth to surficial groundwater is approximately 9' below grade.

- PID screening and laboratory analysis of soil and groundwater samples indicate that moderate to low concentrations of petroleum compounds were present in both test locations. Confirmatory sampling indicates that low-level petroleum contaminated soils remain at both locations at concentrations below TAGM cleanup objectives. Xylenes and 1,3,5 – trimethylbenzene were detected in groundwater slightly above standards in TP-1D and toluene and xylenes were detected in soil above the STARS TCLP Alternative Guidance Values in TP-2D.
- Based on soil types, groundwater depth, known minimal impact to groundwater at TP-1D, and distance to identified potentially sensitive receptors, the relatively low residual concentration of petroleum compounds in TP-1D and TP-2D (significantly below TAGM cleanup objectives for the protection of groundwater) does not pose a significant risk of impact to receptors or of off-site migration of contaminants in excess of standards.
- The soils showing higher impacts have been excavated and remain temporarily and securely stockpiled at the site. Two soil stockpiles currently remain at the site. The characterization samples collected from TP-2D during excavation is representative of the highest expected concentration of contaminants in its corresponding stockpile. The groundwater confirmation sample should be considered representative of the qualitative characterization of petroleum impacts to the TP-1D stockpile; however it is likely that contaminant concentrations exceed those reported in the groundwater sample.
- Historical sample analysis results from 1995 show elevated TPH concentrations in surficial soils in the vicinity of TP-1D as compared to other locations at the site. This could indicate that this area was impacted prior to Northern Car Crushers' purchase of the property. A low concentration of cis-1,2-Dichloroethane was detected in a composite foundry sand sample below TAGM guidelines and TCLP Alternative Guidance values. Based on the low level of contamination and the passing of almost ten years, the spent foundry sand is not expected to exhibit continued impacts.

8.0 Recommendations

The following recommendations are presented subject to agreement on a consent order as referenced in NYSDEC correspondence to NCC dated October 27, 2003 and further confirmed in a letter from Mr. Joseph Picciotti, Esq, Harris Beach, LLC (NCC legal counsel) to Mr. Chris Lacombe, NYSDEC Attorney, dated April 5, 2004 and in the Work Plan.

- Stockpiles of soil removed from TP-1D and TP-2D contain petroleum compounds in excess of STARS TCLP Alternative Guidance Values and therefore must be appropriately reused, disposed, or treated in accordance with NYSDEC standards. It is recommended to treat these soils on-site using bioremediation. Given the relatively similar contaminant profile among the stockpiles, they may be combined for more efficient storage and treatment. A soil stockpile

remediation plan should be submitted to the NYSDEC for approval and work should begin by the late Spring of 2005.

- Given the relatively low residual concentration of petroleum compounds in soil and groundwater at the site and the unlikelihood of significant impact to receptors, no further investigative work is proposed for the Northern Car Crushers Main Office Facility.

9.0 References

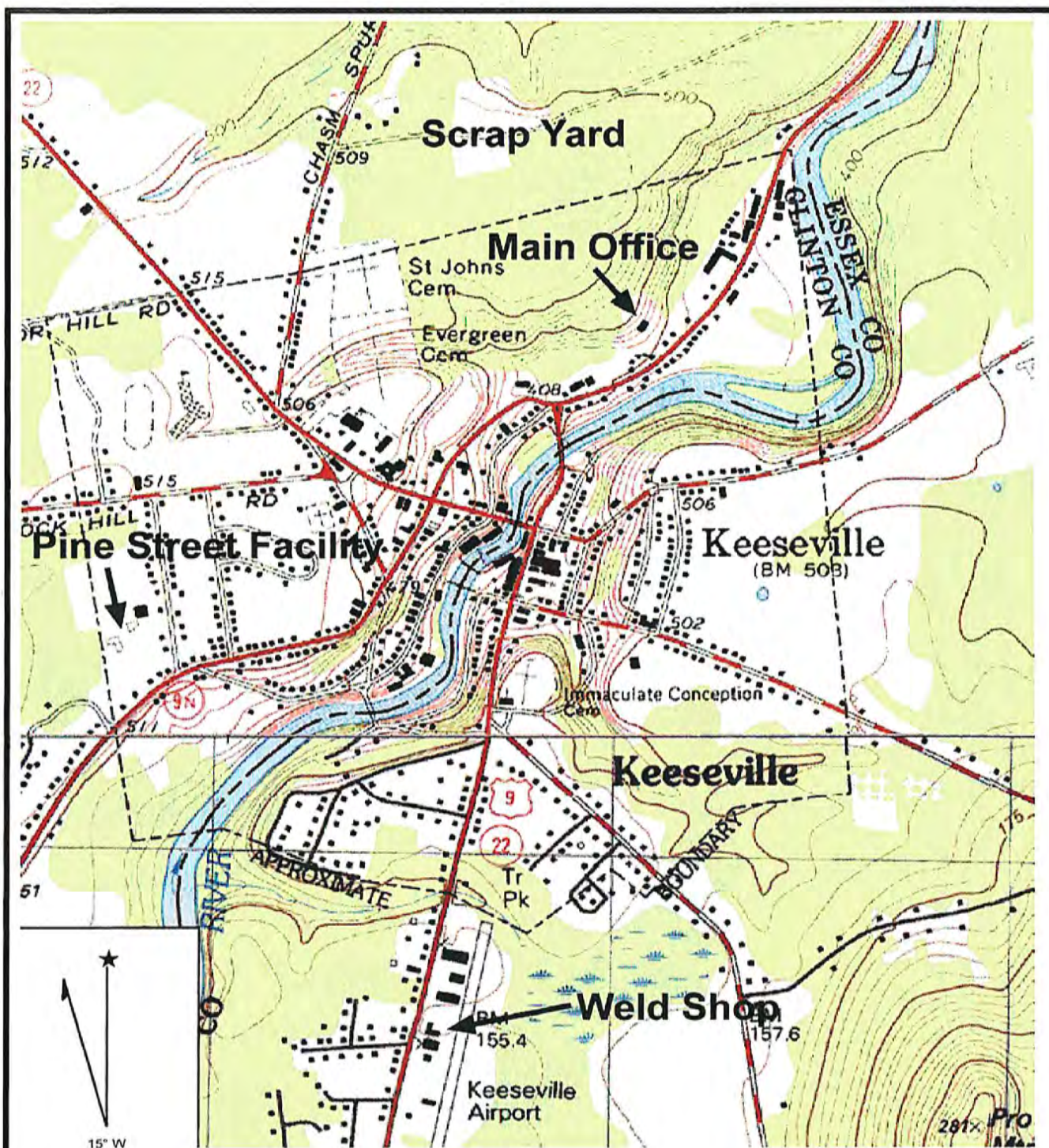
- Work Plan for Preliminary Site Assessment and Environmental Compliance, Griffin International, Inc., June 15, 2004 (Revised August 11, 2004).
- Letter to Mr. Richard Wagner, New York State Department of Environmental Conservation, from Mr. Erik Sandblom, dated September 27, 2004.
- Cadwell, Donald H. and Donald C. Parr, *Surficial Geologic Map of New York – Adirondack Sheet*, 1991.
- Isachsen and Fischer, *Geologic Map of New York – Adirondack Sheet*, 1970.
- Spill Technology and Remediation Series (STARS) #1: *Petroleum-Contaminated Soil Guidance Policy*, New York State Department of Environmental Conservation, August, 1992.
- Technical and Administrative Guidance Memorandum #4046: Determination of Soil Cleanup Objectives and Cleanup Levels, New York State Department of Environmental Conservation, January 24, 1994.
- *DRAFT Preliminary Site Assessments (PSA) Guidance*, New York State Department of Environmental Conservation Division of Environmental Remediation (DER) (undated).
- *Draft Guidance for the Preparation of Work Plans and Reports for Site Investigations at Petroleum Spill Sites*, New York State Department of Environmental Conservation, April 29, 2004.
- New York State Cyber Security and Critical Infrastructure Coordination, NYSGIS Clearinghouse, <http://www.nysgis.stste.ny.us>, 30 South Pearl Street, 11th Floor, Albany, NY 12207-3425

Footnotes

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- 1 The Champlain laboratories computerized printout reports results in mg/kg (ppm). However, this method is typically reported at the magnitude of ug/kg (ppb), and the units reported on the summary of result contained in the same report are ug/kg. Therefore it is presumed that the units printed on the computerized printout is a misprint and that the detected concentration of cis-1,2,-Dichloroethane is 31 ug/kg.

Appendix A

Site Location Map and Site Map



ESPC Project 20041039



Erik Sandblom, PC
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Williston, VT Plattsburgh, NY

Northern Car Crushers, Inc. Keeseville, New York

Site Location Map
USGS Mapping

Date: 01/21/05	Drawing No. 1	Scale: 1:24000	By: ES
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Weld Shers Route



Legend

Test Pits

Location

● TP 1D

● TP 2D

— 20' Contours

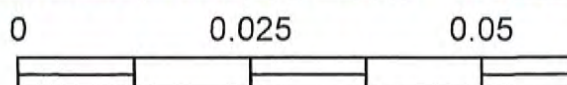


Erik C.F. Sandblom, P.E. P.C.

Engineering and Environmental
Consulting Services

Williston, VT

Plattsburgh, NY



Appendix B

Test Pit Logs

PID READINGS, PARTS PER MILLION (ppm)

Depth	Location									
	East	S1	S2	S3	S4	S5	S6	S7	S8	SA
surface	1.0									
1'	<0.5	<0.5	<0.5	<0.5	32.0	<0.5				
2'	<0.5			2.0	9.0	190.0	7.0			
3'				5.0	150.0	<0.5	<0.5			
4'					190.0			0.5		
5'					2.0				0.5	
5.5'					190.0					
6'									0.5	
7'										80
8'										70
8.5'										40

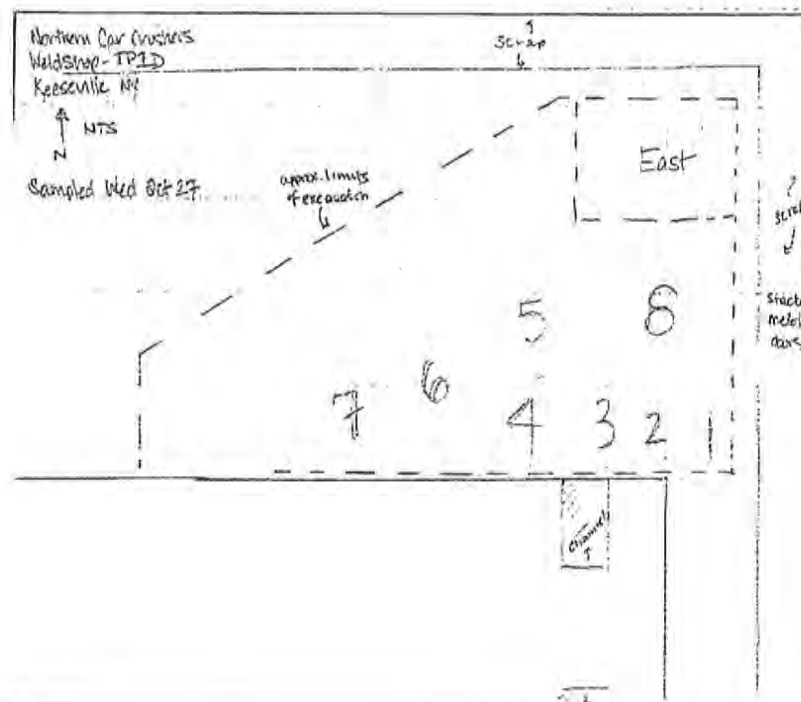
Shaded Box indicates characterization
sample collection location

Background PID Reading = 0 ppm

SOIL DESCRIPTIONS

1080

- 0-12" Medium brown fine grained silty
sands with gravel
- 12-36+" Medium orange-to light brown
fine grained silty sands



Site Investigation
Main Office, Route 9

Northern Car Crushers
Keeseville, New York
Monday 10/25/2004

TP 2D ~ Former Location of Two Car Crushers East of the Weld Shop

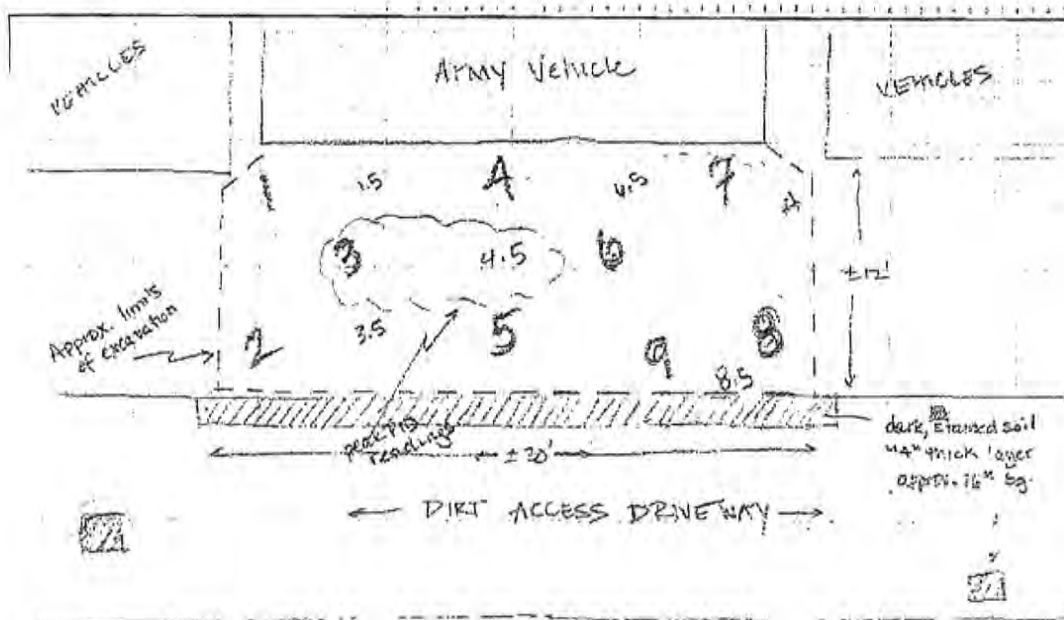
PID READINGS, PARTS PER MILLION (ppm)

Depth	Location														
	1	1.5	2	3	3.5	4	4.5	5	6	6.5	7	8	8.5	9	A
0.5'	0.0		1.0	0.5		0.0		2.0			0.0				
1'	0.5	0.5		4.0	2.0	1.0				1.5	<0.5	<0.5	<0.5	<0.5	<0.5
1.5'				20.0											
2'	0.5		0.5	2.0	1.0	0.5	4.5		<0.5		<0.5		<0.5		
3'						1.0	2.5			<0.5					

Shaded Box indicates characterization sample collection location
Background PID Reading = 0 ppm

SOIL DESCRIPTIONS

- 0-12" Sand, with oily, dark lenses & 25% gravel
- 12-36" Medium orange - brown very fine sand, dry
- 36-60" Medium brown fine sand, moist
- 60-102" Light orange brown well graded sand, moist. Cobbles (10%) at 85"+
- 102" Groundwater



→ N
Northern Car Crushers
Weld Shop ~ TP 2D
Keeseville, NY
NTS

Sampled Tues 10/26/04

Appendix C

Analytical Data Summary

Northern Car Crushers Weld Shop Facility Sample Analytical Results Summary



Parameter	Site Composite	TP 1D GW	TP 1D GW-Dup	TP 1D Resample	TP 2D Char	TP 2D Conf	TAGM Standard	STARS Alt. Std.	GW Standard
Date Collected	10/27/2004	10/27/2004	10/27/2004	12/8/2004	10/26/2004	10/26/2004			
VOCs (type of analysis)									
Toluene	1.6	0.8	0.9	0.9	681	833	1500	100	5
Ethylbenzene	1.0	0.5	ND<0.5	ND<0.5	54	60	5500	100	5
m-Xylene/p-Xylene	13	4.0	3.7	112	116		1200 Total	100	5
o-Xylene	24	9.0	15	92	84			100	5
Isopropylbenzene	0.7	ND<0.5	ND<0.5	ND<0.5	ND<20	ND<19		100	5
n-Propylbenzene	1.2	ND<0.5	ND<0.5	ND<0.5	ND<20	ND<19		100	5
1,3,5 - Trimethylbenzene	8.8	3.0	7.2	65	ND<19			100	5
2-Chlorotoluene	ND<0.5	ND<0.5	0.9	ND<20	ND<19				
4-Chlorotoluene	ND<0.5	ND<0.5	9.0	ND<20	ND<19				
1,2,4 - Trimethylbenzene	27	7.0	ND<0.5	35	ND<19			100	5
Naphthalene	5.0	2.0	1.2	40	ND<19		10,000		
Total Detectable VOCs	79.7	25	37.9	1079	200		10,000		
SVOCs (type of analysis)									
Benz(a)pyrene	ND<10		ND<10	ND<344			500,000	0.04	0.002 (ND)
Total Detectable SVOCs	ND		ND	ND					
Metals									
Arsenic (mg/kg, mg/L)	ND<0.005		ND<0.005	1.2			7.5 or SB	100	5
Barium (mg/kg, mg/L)	ND<0.20		0.40	32			300 or SB	2000	100
Cadmium (mg/kg, mg/L)	ND<0.02		ND<0.02	2.0		1.3	1 or SB	20	1
Chromium (mg/kg, mg/L)	ND<0.05		ND<0.05	5.6		5.5	10 or SB	100	5
Lead (mg/kg, mg/L)	ND<0.100		0.36	33		46	SB*	100	5
Mercury (mg/kg, mg/L)	ND<0.001		ND<0.001	ND<0.052			0.1	4	
Selenium (mg/kg, mg/L)	ND<0.005		ND<0.005	ND<0.26			2 or SB	20	
Silver (mg/kg, mg/L)	ND<0.001		ND<0.001	2.4			SB	100	5
Pesticides									
Aldrin	ND<1.8			ND<1.8			41		ND (<0.5)
beta-BHC	ND<1.8			ND<1.8			200		ND (<0.1)
gamma-BHC	ND<3.5			ND<3.6					
Endosulfan II	ND<1.8			ND<1.8			900		0.1
Heptachlor	ND<1.8			ND<1.8			100		ND (<0.01)
Total Detectable pesticides	ND			ND			10,000		
PCBs (mg/kg, mg/L)	ND<0.2			ND<0.2			10		0.1 ppb
Ethylene Glycol (mg/kg, mg/L)	ND<50			ND<50					

All parameters reported in ug/mg (ppb) for soil and ug/l (ppb) for groundwater except where noted

Blank entries mean that the sample was not analyzed for that parameter

ug/kg - microgram per kilogram; ug/L - microgram per liter

mg/kg - milligram per kilogram; mg/L - milligram per liter

ppb - parts per billion; ppm - parts per million

SB - Site Background

*Typical lead soil background concentrations range from 4-51 ppm in undeveloped rural areas and 200-500 ppm in metropolitan, suburban areas or near highways.

** The groundwater samples collected on 10/27/04 were analyzed past holding times. The data does not meet adequate validation criteria and

is reported here for informational purposes only.

Appendix D

Laboratory Analytical Reports



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: Northern Car Crushers
SAMPLE DESCRIPTION: TP1D
MATRIX: Groundwater
LOCATION: Keeseville, NY
H.E.S.#: 041028004

DATE SAMPLED: 10/27/04
TIME SAMPLED: 10:00-12:00
DATE SAMPLE RECD: 10/28/04
TYPE SAMPLE: Grab
SAMPLER: K.Adams/ESPC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8260B	<0.5	ug/l	11/19/04
Chloromethane	SW846-8260B	<0.5	ug/l	11/19/04
Vinyl chloride	SW846-8260B	<0.5	ug/l	11/19/04
Chloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Bromomethane	SW846-8260B	<0.5	ug/l	11/19/04
Trichlorofluoromethane	SW846-8260B	<0.5	ug/l	11/19/04
1,1-Dichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
Methylene chloride	SW846-8260B	<0.5	ug/l	11/19/04
trans-1,2-Dichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
1,1-Dichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
2,2-Dichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
cis-1,2-Dichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
Bromochloromethane	SW846-8260B	<0.5	ug/l	11/19/04
Chloroform	SW846-8260B	<0.5	ug/l	11/19/04
1,1,1-Trichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
1,1-Dichloropropene	SW846-8260B	<0.5	ug/l	11/19/04
Carbon Tetrachloride	SW846-8260B	<0.5	ug/l	11/19/04
Benzene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Trichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
Dibromomethane	SW846-8260B	<0.5	ug/l	11/19/04
Bromodichloromethane	SW846-8260B	<0.5	ug/l	11/19/04
cis-1,3-Dichloropropene	SW846-8260B	<0.5	ug/l	11/19/04
Toluene	SW846-8260B	1.6	ug/l	11/19/04
trans-1,3-Dichloropropene	SW846-8260B	<0.5	ug/l	11/19/04
1,1,2-Trichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Tetrachloroethene	SW846-8260B	<0.5	ug/l	11/19/04
1,3-Dichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
Dibromochloromethane	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dibromoethane	SW846-8260B	<0.5	ug/l	11/19/04
Chlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04



HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

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

CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP1D

H.E.S. #: 041028U04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
1,1,1,2-Tetrachloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Ethylbenzene	SW846-8260B	1.0	ug/l	11/19/04
m-Xylene/p-Xylene	SW846-8260B	13	ug/l	11/19/04
o-Xylene	SW846-8260B	24	ug/l	11/19/04
Styrene	SW846-8260B	<0.5	ug/l	11/19/04
Bromoform	SW846-8260B	<0.5	ug/l	11/19/04
Isopropylbenzene	SW846-8260B	0.7	ug/l	11/19/04
Bromobenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,1,2,2-Tetrachloroethane	SW846-8260B	<0.5	ug/l	11/19/04
1,2,3-Trichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
n-Propylbenzene	SW846-8260B	1.2	ug/l	11/19/04
2-Chlorotoluene	SW846-8260B	<0.5	ug/l	11/19/04
4-Chlorotoluene	SW846-8260B	<0.5	ug/l	11/19/04
1,3,5-Trimethylbenzene	SW846-8260B	8.8	ug/l	11/19/04
p-Isopropyltoluene	SW846-8260B	<0.5	ug/l	11/19/04
1,2,4-Trimethylbenzene	SW846-8260B	27	ug/l	11/19/04
sec-Butylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,3-Dichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
tert-Butylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,4-Dichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
n-Butylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dibromo-3-chloropropane	SW846-8260B	<0.5	ug/l	11/19/04
1,2,4-Trichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
Hexachlorobutadiene	SW846-8260B	<0.5	ug/l	11/19/04
Naphthalene	SW846-8260B	5.0	ug/l	11/19/04
1,2,3-Trichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04



HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

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

CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP1D

H.E.S. #: 041028U04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Naphthalene	SW846-8270C	<10	ug/l	11/25/04
Acenaphthene	SW846-8270C	<10	ug/l	11/25/04
Fluorene	SW846-8270C	<10	ug/l	11/25/04
Phenanthrene	SW846-8270C	<10	ug/l	11/25/04
Anthracene	SW846-8270C	<10	ug/l	11/25/04
Fluoranthene	SW846-8270C	<10	ug/l	11/25/04
Pyrene	SW846-8270C	<10	ug/l	11/25/04
Benzo (a) anthracene	SW846-8270C	<10	ug/l	11/25/04
Chrysene	SW846-8270C	<10	ug/l	11/25/04
Benzo (b) fluoranthene	SW846-8270C	<10	ug/l	11/25/04
Benzo (k) fluoranthene	SW846-8270C	<10	ug/l	11/25/04
Benzo (a) pyrene	SW846-8270C	<10	ug/l	11/25/04
Indeno (1,2,3-CD) pyrene	SW846-8270C	<10	ug/l	11/25/04
Dibenz (a,h) anthracene	SW846-8270C	<10	ug/l	11/25/04
Benzo (g,h,i) perylene	SW846-8270C	<10	ug/l	11/25/04
Non-Target Peaks		Positive		



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CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP1D

H.E.S.#: 041028U04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-7060A	<0.005	mg/l	11/23/04
Barium	SW846-7080A	<0.20	mg/l	11/20/04
Cadmium	SW846-7130	<0.02	mg/l	11/19/04
Chromium	SW846-7190	<0.05	mg/l	11/20/04
Lead	SW846-7420	<0.100	mg/l	11/19/04
Mercury	SW846-7471A	<0.001	mg/l	10/17/04
Selenium	SW846-7740	<0.005	mg/l	11/23/04
Silver	SW846-7760A	<0.001	mg/l	11/29/04
Ethylene Glycol	SW846-8015B	<50	mg/l	12/09/04



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: Northern Car Crushers

DATE SAMPLED: 10/27/04

SAMPLE DESCRIPTION: TP1D-Dup

TIME SAMPLED: 10:00

MATRIX: Groundwater

DATE SAMPLE RECD: 10/28/04

LOCATION: Keeseville, NY

TYPE SAMPLE: Grab

H.E.S.#: 041028U05

SAMPLER: K.Adams/ESPC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8260B	<0.5	ug/l	11/19/04
Chloromethane	SW846-8260B	<0.5	ug/l	11/19/04
Vinyl chloride	SW846-8260B	<0.5	ug/l	11/19/04
Chloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Bromomethane	SW846-8260B	<0.5	ug/l	11/19/04
Trichlorofluoromethane	SW846-8260B	<0.5	ug/l	11/19/04
1,1-Dichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
Methylene chloride	SW846-8260B	<0.5	ug/l	11/19/04
trans-1,2-Dichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
1,1-Dichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
2,2-Dichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
cis-1,2-Dichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
Bromochloromethane	SW846-8260B	<0.5	ug/l	11/19/04
Chloroform	SW846-8260B	<0.5	ug/l	11/19/04
1,1,1-Trichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
1,1-Dichloropropene	SW846-8260B	<0.5	ug/l	11/19/04
Carbon Tetrachloride	SW846-8260B	<0.5	ug/l	11/19/04
Benzene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Trichloroethene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
Dibromomethane	SW846-8260B	<0.5	ug/l	11/19/04
Bromodichloromethane	SW846-8260B	<0.5	ug/l	11/19/04
cis-1,3-Dichloropropene	SW846-8260B	<0.5	ug/l	11/19/04
Toluene	SW846-8260B	0.8	ug/l	11/19/04
trans-1,3-Dichloropropene	SW846-8260B	<0.5	ug/l	11/19/04
1,1,2-Trichloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Tetrachloroethene	SW846-8260B	<0.5	ug/l	11/19/04
1,3-Dichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
Dibromochloromethane	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dibromoethane	SW846-8260B	<0.5	ug/l	11/19/04
Chlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04



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: Northern Car Crushers

SAMPLE DESCRIPTION: TP1D-Dup

H.E.S.#: 041028U05 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
1,1,1,2-Tetrachloroethane	SW846-8260B	<0.5	ug/l	11/19/04
Ethylbenzene	SW846-8260B	0.5	ug/l	11/19/04
m-Xylene/p-Xylene	SW846-8260B	4.0	ug/l	11/19/04
o-Xylene	SW846-8260B	9.0	ug/l	11/19/04
Styrene	SW846-8260B	<0.5	ug/l	11/19/04
Bromoform	SW846-8260B	<0.5	ug/l	11/19/04
Isopropylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
Bromobenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,1,2,2-Tetrachloroethane	SW846-8260B	<0.5	ug/l	11/19/04
1,2,3-Trichloropropane	SW846-8260B	<0.5	ug/l	11/19/04
n-Propylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
2-Chlorotoluene	SW846-8260B	<0.5	ug/l	11/19/04
4-Chlorotoluene	SW846-8260B	<0.5	ug/l	11/19/04
1,3,5-Trimethylbenzene	SW846-8260B	3.0	ug/l	11/19/04
p-Isopropyltoluene	SW846-8260B	<0.5	ug/l	11/19/04
1,2,4-Trimethylbenzene	SW846-8260B	7.0	ug/l	11/19/04
sec-Butylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,3-Dichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
tert-Butylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,4-Dichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
n-Butylbenzene	SW846-8260B	<0.5	ug/l	11/19/04
1,2-Dibromo-3-chloropropane	SW846-8260B	<0.5	ug/l	11/19/04
1,2,4-Trichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04
Hexachlorobutadiene	SW846-8260B	<0.5	ug/l	11/19/04
Naphthalene	SW846-8260B	2.0	ug/l	11/19/04
1,2,3-Trichlorobenzene	SW846-8260B	<0.5	ug/l	11/19/04



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: Northern Car Crushers

SAMPLE DESCRIPTION: TP 1D-Confirmation

MATRIX: Groundwater

LOCATION: Keeseville, NY

H.E.S. #: 041210101

DATE SAMPLED: 12/08/04

DATE SAMPLE RECD: 12/10/04

TIME SAMPLED: 13:55

TYPE SAMPLE: Grab

SAMPLER: E.Sandbloom/EPSC

PARAMETER	METHOD	RESULT	MRL	UNITS	TEST DATE
MTBE	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Benzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Trichloroethylene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Toluene*	SW846-8260B	0.9 B	0.5	ug/l	12/17/04
Tetrachloroethylene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Chlorobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Ethylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
m-Xylene/p-Xylene	SW846-8260B	3.7	0.5	ug/l	12/17/04
o-Xylene	SW846-8260B	15	0.5	ug/l	12/17/04
Styrene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Isopropylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
n-Propylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Bromobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
1,3,5-trimethylbenzene	SW846-8260B	7.2	0.5	ug/l	12/17/04
2-Chlorotoluene	SW846-8260B	0.9	0.5	ug/l	12/17/04
4-Chlorotoluene	SW846-8260B	9.0	0.5	ug/l	12/17/04
tert-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
1,2,4-Trimethylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
sec-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
p-Isopropyltoluene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
1,3-Dichlorobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
1,4-Dichlorobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
n-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
1,2-Dichlorobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
1,2,4-Trichlorobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Hexachlorobutadiene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Naphthalene	SW846-8260B	1.2	0.5	ug/l	12/17/04
1,2,3-Trichlorobenzene	SW846-8260B	<0.5	0.5	ug/l	12/17/04
Non-Target Peaks		Negative			

B = Found in method blank: Toluene = 2.9 ug/l.



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: Northern Car Crushers

SAMPLE DESCRIPTION: TP 1D-Confirmation

H.E.S. #: 041210101 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<10	ug/kg	12/22/04
bis (2-Chloroethyl) ether	SW846-8270C	<10	ug/kg	12/22/04
2-Chlorophenol	SW846-8270C	<10	ug/kg	12/22/04
1,3-Dichlorobenzene	SW846-8270C	<10	ug/kg	12/22/04
1,4-Dichlorobenzene	SW846-8270C	<10	ug/kg	12/22/04
1,2-Dichlorobenzene	SW846-8270C	<10	ug/kg	12/22/04
4-Methylphenol	SW846-8270C	<10	ug/kg	12/22/04
2-Methylphenol/3-Methylphenol	SW846-8270C	<10	ug/kg	12/22/04
bis (2-chloroisopropyl) ether	SW846-8270C	<10	ug/kg	12/22/04
n-Nitroso-di-n-propylamine	SW846-8270C	<10	ug/kg	12/22/04
Hexachloroethane	SW846-8270C	<10	ug/kg	12/22/04
Nitrobenzene	SW846-8270C	<10	ug/kg	12/22/04
2-Nitrophenol	SW846-8270C	<10	ug/kg	12/22/04
bis (2-Chloroethoxy) methane	SW846-8270C	<10	ug/kg	12/22/04
2,4-Dichlorophenol	SW846-8270C	<10	ug/kg	12/22/04
1,2,4-Trichlorobenzene	SW846-8270C	<10	ug/kg	12/22/04
Naphthalene	SW846-8270C	<10	ug/kg	12/22/04
4-Chloroaniline	SW846-8270C	<10	ug/kg	12/22/04
Hexachlorobutadiene	SW846-8270C	<10	ug/kg	12/22/04
4-Chloro-3-methylphenol	SW846-8270C	<10	ug/kg	12/22/04
2,4,6-Trichlorophenol	SW846-8270C	<10	ug/kg	12/22/04
Hexachlorocyclopentadiene	SW846-8270C	<10	ug/kg	12/22/04
2-Chloronaphthalene	SW846-8270C	<10	ug/kg	12/22/04
2-Nitroaniline	SW846-8270C	<10	ug/kg	12/22/04
3-Nitroaniline	SW846-8270C	<10	ug/kg	12/22/04
Pyridine	SW846-8270C	<10	ug/kg	12/22/04



HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

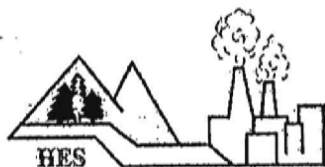
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP 1D-Confirmation

H.E.S. #: 041210101 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<10	ug/kg	12/22/04
Acenaphthylene	SW846-8270C	<10	ug/kg	12/22/04
2,6-Dinitrotoluene	SW846-8270C	<10	ug/kg	12/22/04
Acenaphthene	SW846-8270C	<10	ug/kg	12/22/04
2,4-Dinitrophenol	SW846-8270C	<10	ug/kg	12/22/04
Dibenzofuran	SW846-8270C	<10	ug/kg	12/22/04
4-Nitrophenol	SW846-8270C	<10	ug/kg	12/22/04
2,4-Dinitrotoluene	SW846-8270C	<10	ug/kg	12/22/04
Fluorene	SW846-8270C	<10	ug/kg	12/22/04
Diethylphthalate	SW846-8270C	<10	ug/kg	12/22/04
4-Chlorophenyl-phenylether	SW846-8270C	<10	ug/kg	12/22/04
4,6-Dinitro-2-methylphenol	SW846-8270C	<10	ug/kg	12/22/04
4-Nitroaniline	SW846-8270C	<10	ug/kg	12/22/04
n-Nitrosodiphenylamine	SW846-8270C	<10	ug/kg	12/22/04
4-Bromophenyl-phenylether	SW846-8270C	<10	ug/kg	12/22/04
Hexachlorobenzene	SW846-8270C	<10	ug/kg	12/22/04
Pentachlorophenol	SW846-8270C	<10	ug/kg	12/22/04
Phenanthrene	SW846-8270C	<10	ug/kg	12/22/04
Anthracene	SW846-8270C	<10	ug/kg	12/22/04
Di-n-butylphthalate	SW846-8270C	<10	ug/kg	12/22/04
Fluoranthene	SW846-8270C	<10	ug/kg	12/22/04
Pyrene	SW846-8270C	<10	ug/kg	12/22/04
Butylbenzylphthalate	SW846-8270C	<10	ug/kg	12/22/04
Benzo (a) anthracene	SW846-8270C	<10	ug/kg	12/22/04
Chrysene	SW846-8270C	<10	ug/kg	12/22/04
bis (2-Ethylhexyl) phthalate	SW846-8270C	<10	ug/kg	12/22/04
Di-n-octylphthalate	SW846-8270C	<10	ug/kg	12/22/04
Benzo (b) fluoranthene	SW846-8270C	<10	ug/kg	12/22/04
Benzo (k) fluoranthene	SW846-8270C	<10	ug/kg	12/22/04
Benzo (a) pyrene	SW846-8270C	<10	ug/kg	12/22/04
Indeno (1,2,3-cd) pyrene	SW846-8270C	<10	ug/kg	12/22/04
Dibenzo (a,h) anthracene	SW846-8270C	<10	ug/kg	12/22/04
Benzo (g,h,i) perylene	SW846-8270C	<10	ug/kg	12/22/04
Non-Target Peaks		Negative		



HUDSON ENVIRONMENTAL SERVICES, INC.

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

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

CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP 1D-Confirmation

H.E.S. #: 041210I01 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-7060A	<0.005	mg/l	12/17/04
Barium	SW846-7080A	0.40	mg/l	12/17/04
Cadmium	SW846-7130	<0.02	mg/l	12/17/04
Chromium	SW846-7190	<0.05	mg/l	12/17/04
Lead	SW846-7420	0.360	mg/l	12/17/04
Mercury	SW846-7471A	<0.001	mg/l	12/20/04
Selenium	SW846-7740	<0.005	mg/l	12/23/04
Silver	SW846-7760A	<0.001	mg/l	12/29/04
Ethylene Glycol	SW846-8015B	<50	mg/l	12/22/04



HUDSON ENVIRONMENTAL SERVICES, INC.

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

CLIENT: Northern Car Crushers
 SAMPLE DESCRIPTION: TP2D-Weld Shop-Charac
 MATRIX: Soil
 LOCATION: Keeseville, NY
 H.E.S.#: 041027A04

DATE SAMPLED: 10/26/04
 TIME SAMPLED: 10:30
 DATE SAMPLE RECD: 10/27/04
 TYPE SAMPLE: Composite & Grab
 SAMPLER: K.Adams/ESPC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8260B	<20	ug/kg	11/05/04
Chloromethane	SW846-8260B	<20	ug/kg	11/05/04
Vinyl chloride	SW846-8260B	<20	ug/kg	11/05/04
Chloroethane	SW846-8260B	<20	ug/kg	11/05/04
Bromomethane	SW846-8260B	<20	ug/kg	11/05/04
Trichlorofluoromethane	SW846-8260B	<20	ug/kg	11/05/04
1,1-Dichloroethene	SW846-8260B	<20	ug/kg	11/05/04
Methylene chloride	SW846-8260B	<20	ug/kg	11/05/04
trans-1,2-Dichloroethene	SW846-8260B	<20	ug/kg	11/05/04
1,1-Dichloroethane	SW846-8260B	<20	ug/kg	11/05/04
2,2-Dichloropropane	SW846-8260B	<20	ug/kg	11/05/04
cis-1,2-Dichloroethene	SW846-8260B	<20	ug/kg	11/05/04
Bromochloromethane	SW846-8260B	<20	ug/kg	11/05/04
Chloroform	SW846-8260B	<20	ug/kg	11/05/04
1,1,1-Trichloroethane	SW846-8260B	<20	ug/kg	11/05/04
1,1-Dichloropropene	SW846-8260B	<20	ug/kg	11/05/04
Carbon Tetrachloride	SW846-8260B	<20	ug/kg	11/05/04
Benzene	SW846-8260B	<20	ug/kg	11/05/04
1,2-Dichloroethane	SW846-8260B	<20	ug/kg	11/05/04
Trichloroethene	SW846-8260B	<20	ug/kg	11/05/04
1,2-Dichloropropane	SW846-8260B	<20	ug/kg	11/05/04
Dibromomethane	SW846-8260B	<20	ug/kg	11/05/04
Bromodichloromethane	SW846-8260B	<20	ug/kg	11/05/04
cis-1,3-Dichloropropene	SW846-8260B	<20	ug/kg	11/05/04
Toluene	SW846-8260B	681	ug/kg	11/05/04
trans-1,3-Dichloropropene	SW846-8260B	<20	ug/kg	11/05/04
1,1,2-Trichloroethane	SW846-8260B	<20	ug/kg	11/05/04
Tetrachloroethene	SW846-8260B	<20	ug/kg	11/05/04
1,3-Dichloropropane	SW846-8260B	<20	ug/kg	11/05/04
Dibromochloromethane	SW846-8260B	<20	ug/kg	11/05/04
1,2-Dibromoethane	SW846-8260B	<20	ug/kg	11/05/04
Chlorobenzene	SW846-8260B	<20	ug/kg	11/05/04



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

CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP2D-Weld Shop Charac

H.E.S.#: 041027A04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
1,1,1,2-Tetrachloroethane	SW846-8260B	<20	ug/kg	11/05/04
Ethylbenzene	SW846-8260B	54	ug/kg	11/05/04
m-Xylene/p-Xylene	SW846-8260B	112	ug/kg	11/05/04
o-Xylene	SW846-8260B	92	ug/kg	11/05/04
Styrene	SW846-8260B	<20	ug/kg	11/05/04
Bromoform	SW846-8260B	<20	ug/kg	11/05/04
Isopropylbenzene	SW846-8260B	<20	ug/kg	11/05/04
Bromobenzene	SW846-8260B	<20	ug/kg	11/05/04
1,1,2,2-Tetrachloroethane	SW846-8260B	<20	ug/kg	11/05/04
1,2,3-Trichloropropane	SW846-8260B	<20	ug/kg	11/05/04
n-Propylbenzene	SW846-8260B	<20	ug/kg	11/05/04
2-Chlorotoluene	SW846-8260B	<20	ug/kg	11/05/04
4-Chlorotoluene	SW846-8260B	<20	ug/kg	11/05/04
1,3,5-Trimethylbenzene	SW846-8260B	65	ug/kg	11/05/04
p-Isopropyltoluene	SW846-8260B	<20	ug/kg	11/05/04
1,2,4-Trimethylbenzene	SW846-8260B	35	ug/kg	11/05/04
sec-Butylbenzene	SW846-8260B	<20	ug/kg	11/05/04
1,3-Dichlorobenzene	SW846-8260B	<20	ug/kg	11/05/04
tert-Butylbenzene	SW846-8260B	<20	ug/kg	11/05/04
1,4-Dichlorobenzene	SW846-8260B	<20	ug/kg	11/05/04
1,2-Dichlorobenzene	SW846-8260B	<20	ug/kg	11/05/04
n-Butylbenzene	SW846-8260B	<20	ug/kg	11/05/04
1,2-Dibromo-3-chloropropane	SW846-8260B	<20	ug/kg	11/05/04
1,2,4-Trichlorobenzene	SW846-8260B	<20	ug/kg	11/05/04
Hexachlorobutadiene	SW846-8260B	<20	ug/kg	11/05/04
Naphthalene	SW846-8260B	40	ug/kg	11/05/04
1,2,3-Trichlorobenzene	SW846-8260B	<20	ug/kg	11/05/04



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CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP2D-Weld Shop Charac

MATRIX: Soil

H.E.S.#: 041027A04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Naphthalene	SW846-8270C	<344	ug/kg	11/24/04
Acenaphthene	SW846-8270C	<344	ug/kg	11/24/04
Fluorene	SW846-8270C	<344	ug/kg	11/24/04
Phenanthrene	SW846-8270C	<344	ug/kg	11/24/04
Anthracene	SW846-8270C	<344	ug/kg	11/24/04
Fluoranthene	SW846-8270C	<344	ug/kg	11/24/04
Pyrene	SW846-8270C	<344	ug/kg	11/24/04
Benzo (a) anthracene	SW846-8270C	<344	ug/kg	11/24/04
Chrysene	SW846-8270C	<344	ug/kg	11/24/04
Benzo (b) fluoranthene	SW846-8270C	<344	ug/kg	11/24/04
Benzo (k) fluoranthene	SW846-8270C	<344	ug/kg	11/24/04
Benzo (a) pyrene	SW846-8270C	<344	ug/kg	11/24/04
Indeno (1,2,3-CD) pyrene	SW846-8270C	<344	ug/kg	11/24/04
Dibenz (a,h) anthracene	SW846-8270C	<344	ug/kg	11/24/04
Benzo (g,h,i) perylene	SW846-8270C	<344	ug/kg	11/24/04
Non-Target Peaks		Positive		



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CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP2D-Weld Shop Charac

MATRIX: Soil

H.E.S.#: 041027A04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-7060A	2.0	mg/kg	11/23/04
Barium	SW846-7080A	32	mg/kg	11/19/04
Cadmium	SW846-7130	2.0	mg/kg	11/19/04
Chromium	SW846-7190	5.6	mg/kg	11/19/04
Lead	SW846-7420	33	mg/kg	11/19/04
Mercury	SW846-7471A	<0.05	mg/kg	11/17/04
Selenium	SW846-7740	<0.26	mg/kg	11/23/04
Silver	SW846-7760A	2.4	mg/kg	11/29/04
Total Solid	EPA 160.3	96	%	11/22/04
Ethylene Glycol	SW846-8015B	<52	mg/kg	12/09/04



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CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP2D-Weld Shop Charac

H.E.S.#: 041027A04 (Continued)

COMPOUND	METHOD	RESULT	UNITS	TEST DATE
Aldrin	SW846-8081	<1.8	ug/kg	11/08/04
α -BHC	SW846-8081	<1.8	ug/kg	11/08/04
β -BHC	SW846-8081	<1.8	ug/kg	11/08/04
δ -BHC	SW846-8081	<5.4	ug/kg	11/08/04
γ -BHC	SW846-8081	<3.6	ug/kg	11/08/04
Chlordane	SW846-8081	<5.4	ug/kg	11/08/04
4,4'-DDD	SW846-8081	<3.6	ug/kg	11/08/04
4,4'-DDE	SW846-8081	<43	ug/kg	11/08/04
4,4'-DDT	SW846-8081	<1.8	ug/kg	11/08/04
Dieldrin	SW846-8081	<3.6	ug/kg	11/08/04
Endosulfan I	SW846-8081	<1.8	ug/kg	11/08/04
Endosulfan II	SW846-8081	<1.8	ug/kg	11/08/04
Endosulfan sulfate	SW846-8081	<3.6	ug/kg	11/08/04
Endrin	SW846-8081	<17	ug/kg	11/08/04
Endrin aldehyde	SW846-8081	<5.6	ug/kg	11/08/04
Heptachlor	SW846-8081	<1.8	ug/kg	11/08/04
Heptachlor epoxide	SW846-8081	<1.8	ug/kg	11/08/04
Methoxychlor	SW846-8081	<5.6	ug/kg	11/08/04
Toxaphene	SW846-8081	<174	ug/kg	11/08/04
PCB's	SW846-8082	<0.2	mg/kg	11/08/04



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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: Northern Car Crushers
 SAMPLE DESCRIPTION: TP2D-Weld Shop-Conf
 MATRIX: Soil
 LOCATION: Keeseville, NY
 H.E.S.#: 041027A05

DATE SAMPLED: 10/26/04
 TIME SAMPLED: 13:10
 DATE SAMPLE RECD: 10/27/04
 TYPE SAMPLE: Composite & Grab
 SAMPLER: K.Adams/ESPC

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dichlorodifluoromethane	SW846-8260B	<19	ug/kg	11/08/04
Chloromethane	SW846-8260B	<19	ug/kg	11/08/04
Vinyl chloride	SW846-8260B	<19	ug/kg	11/08/04
Chloroethane	SW846-8260B	<19	ug/kg	11/08/04
Bromomethane	SW846-8260B	<19	ug/kg	11/08/04
Trichlorofluoromethane	SW846-8260B	<19	ug/kg	11/08/04
1,1-Dichloroethene	SW846-8260B	<19	ug/kg	11/08/04
Methylene chloride	SW846-8260B	<19	ug/kg	11/08/04
trans-1,2-Dichloroethene	SW846-8260B	<19	ug/kg	11/08/04
1,1-Dichloroethane	SW846-8260B	<19	ug/kg	11/08/04
2,2-Dichloropropane	SW846-8260B	<19	ug/kg	11/08/04
cis-1,2-Dichloroethene	SW846-8260B	<19	ug/kg	11/08/04
Bromochloromethane	SW846-8260B	<19	ug/kg	11/08/04
Chloroform	SW846-8260B	<19	ug/kg	11/08/04
1,1,1-Trichloroethane	SW846-8260B	<19	ug/kg	11/08/04
1,1-Dichloropropene	SW846-8260B	<19	ug/kg	11/08/04
Carbon Tetrachloride	SW846-8260B	<19	ug/kg	11/08/04
Benzene	SW846-8260B	<19	ug/kg	11/08/04
1,2-Dichloroethane	SW846-8260B	<19	ug/kg	11/08/04
Trichloroethene	SW846-8260B	<19	ug/kg	11/08/04
1,2-Dichloropropane	SW846-8260B	<19	ug/kg	11/08/04
Dibromomethane	SW846-8260B	<19	ug/kg	11/08/04
Bromodichloromethane	SW846-8260B	<19	ug/kg	11/08/04
cis-1,3-Dichloropropene	SW846-8260B	<19	ug/kg	11/08/04
Toluene	SW846-8260B	833	ug/kg	11/08/04
trans-1,3-Dichloropropene	SW846-8260B	<19	ug/kg	11/08/04
1,1,2-Trichloroethane	SW846-8260B	<19	ug/kg	11/08/04
Tetrachloroethene	SW846-8260B	<19	ug/kg	11/08/04
1,3-Dichloropropane	SW846-8260B	<19	ug/kg	11/08/04
Dibromochloromethane	SW846-8260B	<19	ug/kg	11/08/04
1,2-Dibromoethane	SW846-8260B	<19	ug/kg	11/08/04
Chlorobenzene	SW846-8260B	<19	ug/kg	11/08/04



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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: Northern Car Crushers

SAMPLE DESCRIPTION: TP2D-Weld Shop Conf

H.E.S.#: 041027A05 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
1,1,1,2-Tetrachloroethane	SW846-8260B	<19	ug/kg	11/08/04
Ethylbenzene	SW846-8260B	60	ug/kg	11/08/04
m-Xylene/p-Xylene	SW846-8260B	116	ug/kg	11/08/04
o-Xylene	SW846-8260B	84	ug/kg	11/08/04
Styrene	SW846-8260B	<19	ug/kg	11/08/04
Bromoform	SW846-8260B	<19	ug/kg	11/08/04
Isopropylbenzene	SW846-8260B	<19	ug/kg	11/08/04
Bromobenzene	SW846-8260B	<19	ug/kg	11/08/04
1,1,2,2-Tetrachloroethane	SW846-8260B	<19	ug/kg	11/08/04
1,2,3-Trichloropropane	SW846-8260B	<19	ug/kg	11/08/04
n-Propylbenzene	SW846-8260B	<19	ug/kg	11/08/04
2-Chlorotoluene	SW846-8260B	<19	ug/kg	11/08/04
4-Chlorotoluene	SW846-8260B	<19	ug/kg	11/08/04
1,3,5-Trimethylbenzene	SW846-8260B	<19	ug/kg	11/08/04
p-Isopropyltoluene	SW846-8260B	<19	ug/kg	11/08/04
1,2,4-Trimethylbenzene	SW846-8260B	<19	ug/kg	11/08/04
sec-Butylbenzene	SW846-8260B	<19	ug/kg	11/08/04
1,3-Dichlorobenzene	SW846-8260B	<19	ug/kg	11/08/04
tert-Butylbenzene	SW846-8260B	<19	ug/kg	11/08/04
1,4-Dichlorobenzene	SW846-8260B	<19	ug/kg	11/08/04
1,2-Dichlorobenzene	SW846-8260B	<19	ug/kg	11/08/04
n-Butylbenzene	SW846-8260B	<19	ug/kg	11/08/04
1,2-Dibromo-3-chloropropane	SW846-8260B	<19	ug/kg	11/08/04
1,2,4-Trichlorobenzene	SW846-8260B	<19	ug/kg	11/08/04
Hexachlorobutadiene	SW846-8260B	<19	ug/kg	11/08/04
Naphthalene	SW846-8260B	<19	ug/kg	11/08/04
1,2,3-Trichlorobenzene	SW846-8260B	<19	ug/kg	11/08/04



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

CLIENT: Northern Car Crushers

SAMPLE DESCRIPTION: TP2D-Weld Shop Conf

H.E.S.#: 041027A05 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Cadmium	SW846-7130	1.3	mg/kg	12/17/04
Chromium	SW846-7190	5.5	mg/kg	12/17/04
Lead	SW846-7420	46	mg/kg	12/17/04
Total Solids	EPA 160.3	94	%	11/22/04



HUDSON ENVIRONMENTAL SERVICES, INC.

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

CLIENT: Northern Car Crushers
SAMPLE DESCRIPTION: Weld Shop Site
MATRIX: Soil
LOCATION: Keeseville, NY
H.E.S.#: 041028006

DATE SAMPLED: 10/27/04
TIME SAMPLED: 1200
DATE SAMPLE RECD: 10/28/04
TYPE SAMPLE: Composite
SAMPLER: K.Adams/ESPC

<u>COMPOUND</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Aldrin	SW846-8081	<1.8	ug/kg	11/24/04
α-BHC	SW846-8081	<1.8	ug/kg	11/24/04
β-BHC	SW846-8081	<1.8	ug/kg	11/24/04
δ-BHC	SW846-8081	<5.2	ug/kg	11/24/04
γ-BHC	SW846-8081	<3.5	ug/kg	11/24/04
Chlordane	SW846-8081	<5.2	ug/kg	11/24/04
4,4'-DDD	SW846-8081	<3.5	ug/kg	11/24/04
4,4'-DDE	SW846-8081	<42	ug/kg	11/24/04
4,4'-DDT	SW846-8081	<1.8	ug/kg	11/24/04
Dieldrin	SW846-8081	<3.5	ug/kg	11/24/04
Endosulfan I	SW846-8081	<1.8	ug/kg	11/24/04
Endosulfan II	SW846-8081	<1.8	ug/kg	11/24/04
Endosulfan sulfate	SW846-8081	<3.5	ug/kg	11/24/04
Endrin	SW846-8081	<17	ug/kg	11/24/04
Endrin aldehyde	SW846-8081	<5.2	ug/kg	11/24/04
Heptachlor	SW846-8081	<1.8	ug/kg	11/24/04
Heptachlor epoxide	SW846-8081	<1.8	ug/kg	11/24/04
Methoxychlor	SW846-8081	<5.2	ug/kg	11/24/04
Toxaphene	SW846-8081	<167	ug/kg	11/24/04
PCB's	SW846-8082	<0.2	mg/kg	11/24/04
Total Solids	EPA 160.3	96	%	11/22/04



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 Northern Car Crushers

Client Contact/Person # Kel Adams/ESPC ph# (802) 857-0105

Project Location Keeseville, NY

Purchase Order

HES Contact Buddy Beams

Mail Address PO Box 385

Keeseville NY 12944

ATTN George Moore

Phone # (518) 834-7817

HES Use Only	Samples Were: 1. Shipped to Hand Delivered NOTES: 2. Ambient or Chilled NOTES: 3. Received Broken/ Leaking (Improperly Sealed) Y NOTES: 4. Properly Reserved NOTES: 5. Received Within Holding Times NOTES: COC Tape Was: 1. Present on Outer Package Y 2. Unbroken on Outer Package Y 3. Present on Sample Y 4. Unbroken on Sample NOTES: COC Record Was: 1. Present upon Receipt of Samples Y Discrepancies Between Sample Labels and COC Record? NOTES:
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HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME A=a.m. P=p.m.	SAMPLE TYPE C=Composite G=Grab	MATRIX	# Conts.	ANALYSIS REQUIRED
CH027A04	TP2D-Weld Shop - Charac	10/26/04	10:30	X	Soil	1-16g	SVOCs (Stars), (B) RPA, Ethylene Glycol
A05	TP2D-Weld Shop - Conf	10/26/04	13:30	X	S	1-16g	SVOCs (Stars), (B) RPA, Ethylene Glycol
A04	TP2D-Weld Shop - Charac	10/26/04	10:30	X	S	1-16g	PCBs, Pesticides**
A05	TP2D Charac	10/26/04	12:30	X	S	1-40mL	VOC (Stars)
A07	TP2D Conf	10/26/04	12:30	X	S	1-40mL	VOC (Stars)
A04	TP5A-Conf	10/25/04	11:40	X	S	1-40mL	VOC (Stars)
A07	TP5A-Charac	10/25/04	11:40	X	S	1-40mL	VOC (Stars)
Special Instructions: * Run samples only if analyte in charac. sample was > detect ** Run samples only if analyte in site charac. sample was > detect							

Sampled by: (Signature) <u>Kel Adams</u>	Date/Time <u>10/26/04 10:30</u>	Received by: (Signature) <u>Sam B. Adams</u>	Date/Time <u>10/26/04 4:30</u>
Relinquished by: (Signature) <u>Kel Adams</u>	Date/Time <u>10/26/04 10:30</u>	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Method of Shipment <u>HES PU</u>		
Received @ Laboratory <u>Sam B. Adams</u>	Date/Time <u>10/26/04 5:30 PM</u>	Turnaround Time: <u>Normal</u>	Lab Approval:

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy



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: NORTHERN CAR CRUSHERS

Client Contact/Person # ERIC SANDBLUM/ESPC 802-383-0486

Project Location: KEESEVILLE, NY

Mail Address

PO BOX 385
Keeseville, NY 12944
ATTN: GEORGE MOORE

Purchase Order

IES Contact: BUDDY BEAMS

Phone #

Pls send results to ESPC Fax # 383-0490

HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME		SAMPLE TYPE			# Conts.	ANALYSIS REQUIRED
			A = a.m.	P = p.m.	MATRIX	C	G		
	TP-5C CHARACTERIZATION	12/8/04	08	A	S		X	2-VGA	ETHYLENE GLYCOL
	TP-1D Confirmed		13	A	GW		X	1-1602	VOL STARS, SUC STARS, PCBA 8 MEMAS
	TP-1C Characterization		14	A	S		X	2-VGA	
	TP-2C Characterization		25	P	S		X	Z-402	
	TP-3C Characterization		14	A	S		X	Z-VGA	
	TP-4C Characterization		14	A	S		X	Z-1602	
	TP-6C Characterization		15	A	S		X		
	PINE STREET COMPOSITE		16	A	S		X	1-1602	PCBs / Pesticides

Special Instructions:			
Matrix	SL - Sludge	SW - Surface Water	DS - Drum Solids
S - Soil	O - Oil	L - Leachate	DL - Drum Liquids
SE - Sediment	DW - Drinking Water	A - Air	X - Other
SO - Solid	GW - Ground Water	WI - Wipe	WW - Waste Water

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Received by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Received by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Date/Time	Method of Shipment:	
Received @ Laboratory:	Date/Time	Turnaround Time:	Lab Approval:

PLEASE
Use Only

Samples Were:
1. Shipped or Hand Delivered
NOTES:
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
4. Unbroken on Sample
NOTES: Y N

COC Record Was:
1. Present upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record?
Y N
NOTES:

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy

Appendix E

Historical Analytical Laboratory Reports

CHAMPLAIN LABORATORIES

14 Healey Ave.
PLATTSBURGH, NY 12901

(518) 563-1720

Client:

Name: George Moore Truck & Equipment Corporation

Address:

Sample Location: Route 9
Keeseville, N.Y. 12944

Attention: George Moore

Date & Time Samples Collected 5/10/95

Collected By:

Date & Time Samples Received 5/12/95

Received By: RH

Date & Time Tests Started:

Client's Telephone # 834-7571

Client's Account # GE-7571

Work Requested By:

5 composites samples for Total Petroleum Hydrocarbons
(SAMPLE INFORMATION)
2 composite samples for EPA 8021

LAB NO.	SAMPLING LOCATION	TESTS	RESULTS
132A	Composite 132-09 & 132-10	TPH	43.6 mg/kg
132B	Composite 132-08 & 132-11	TPH	41.7 mg/kg
132C	Composite 132-07 & 132-12	TPH	91.0 mg/kg
132D	Composite 132-06 & 132-13	TPH	40.1 mg/kg
132E	Composite 132-14 & 132-15	TPH	40.3 mg/kg

132F Composite 132-06, 132-07, 132-09, 132-11, 132-15 ND < 12.5 ug/kg
EPA 8021

132G Composite 132-08, 132-10, 132-12, 132-13, 132-14 EPA 8021
ND

cis-1,2-dichloroethane 31 ug/kg

Lab Director 1/19 date

TC = Total Coliform Bacteria
FC = Fecal Coliform Bacteria
LT = Less Than
Est = Estimated

TPH - #80/sample EPA 8021 - #120/sample

CHAMPLAIN LABORATORIES

14 Healey Ave.
PLATTSBURGH, NY 12901

(518) 563-1720

Client:

Name: George Moore Truck & Equipment Corp.

Address: Route 9

Sample Location: Keeseville, NY 12944

Attention: George Moore

Date & Time Samples Collected 5-10-95

Collected By:

Date & Time Samples Received 5-12-95

Received By: RH

Date & Time Tests Started:

Client's Telephone # 518-834-7571

Client's Account # GE-7571

Work Requested By:

(SAMPLE INFORMATION)

LAB NO.	SAMPLING LOCATION	TESTS	RESULTS
132-06-50	250' from back of garage 5' down		
132-07-50	Behind garage cement pad down 5'		
132-08-50	250' behind storage building and 24" down 5/10/95		
132-09-50	5/10/95 200' from south line 100' from main road 5' down next to woods V		

Lab Director

/ 10
date

TC = Total Coliform Bacteria
FC = Fecal Coliform Bacteria
LT = Less Than
Est = Estimated

Composite

132-01 & 132-10

Composite

132-08 & 132-11

Composite

132-07 & 132-12

Composite

132-06 & 132-13

Composite

132-14 & 132-15

5 samples

for

Total

Petroleum

Hydrocarbons

Need 50-100 grams TPH - for each composite

8021

2 composites

5 from 24" down

5 from 5' down

EPA 8021

① Composite

132-06, 132-07, 132-09, 132-11, and 132-15

② Composite

132-08, 132-10, 132-12, 132-13, and 132-14

CHAMPLAIN LABORATORIES

14 Healey Avenue
Plattsburgh, New York 12901
Phone: (518)563-1720

PURCHASE ORDER

Account No.: GE-7571
Source: George Moore
Contracted Lab:
F.L.I.

Date: 5/16/95

Champlain Lab No.	Type Of Sample	Test(s) Required	Date and Time Sample Collected
132 A	SOIL	TOTAL PETROLEUM HYDROCARBONS	5/10/95
132 B	SOIL	TOTAL PETROLEUM HYDROCARBONS	
132 C	SOIL	TOTAL PETROLEUM HYDROCARBONS	
132 D	SOIL	TOTAL PETROLEUM HYDROCARBONS	
132 E	SOIL	TOTAL PETROLEUM HYDROCARBONS	
132 F	SOIL	EPA 8021	
132 G	SOIL	EPA 8021	↓
		BT X	
		Oil & Grease	
		Mercury	
		% Solids	
		Nitrate	
		Nitrite	
		Turbidity	
		POC's & Vinyl Chloride	
		VOCs	
		SOCs/Group I or II	

CHAMPLAIN LABORATORIES

14 Healey Avenue
Plattsburgh, New York 12901
Phone: (518) 563-1720

Certification No. 11531/10252

PAGE 1 of 5

Acc't No. GE-7571

ALSN: 132A thru 132G - Soil Samples
5 composite samples for Total Petroleum Hydrocarbons
2 composite samples for EPA 8021

Client: George Moore Truck & Equipment Corporation
Route 9
Keeseville, New York 12944

DATE SAMPLE COLLECTED: 5-10-95
DATE SAMPLE RECEIVED: 5-12-95

<u>LOCATION</u>	<u>TEST</u>	<u>RESULTS</u>
200' from south line 700' from main road 2' & 5' down - next to woods	TPH	43.6 mg/kg
250' behind storage building 2' & 5' down	TPH	41.7 mg/kg
Behind garage cement pad 2' & 5' down	TPH	191.0 mg/kg
250' from back of garage 2' & 5' down	TPH	40.1 mg/kg
20' from south line 400' back from main road 2' & 5' down	TPH	40.3 mg/kg

ALSN: 192F

METHOD: EPA 8081

LOCATION	TARGET ANALYTES	RESULTS(mg/kg)
All locations 5' down	Dichlorodifluoromethane	ND < 12.5
	Chloromethane	ND < 12.5
	Vinyl Chloride	ND < 12.5
	Bromomethane	ND < 12.5
	Chloroethane	ND < 12.5
	Trichlorofluoromethane	ND < 12.5
	1,1-Dichloroethene	ND < 12.5
	Methylene Chloride	ND < 12.5
	trans-1,2-Dichloroethene	ND < 12.5
	1,1-Dichloroethane	ND < 12.5
	2,2-Dichloropropane	ND < 12.5
	cis-1,2-Dichloroethene	31
	Bromochloromethane	ND < 12.5
	Chloroform	ND < 12.5
	1,1,1-Trichloroethane	ND < 12.5
	Carbon Tetrachloride	ND < 12.5
	1,1-Dichloropropane	ND < 12.5
	Benzene	ND < 12.5
	1,2-Dichloroethane	ND < 12.5
	Trichloroethene	ND < 12.5
	1,2-Dichloropropane	ND < 12.5
	Dibromomethane	ND < 12.5
	Bromodichloromethane	ND < 12.5
	2-Chloroethylvinylether	ND < 12.5
	cis-1,3-Dichloropropene	ND < 12.5
	Toluene	ND < 12.5
	trans-1,3-Dichloropropene	ND < 12.5
	1,1,2-Trichloroethane	ND < 12.5
	Tetrachloroethene	ND < 12.5
	1,3-Dichloropropane	ND < 12.5
	Dibromochloromethane	ND < 12.5
	1,2-Dibromoethane (EDB)	ND < 12.5
	Chlorobenzene	ND < 12.5
	1,1,1,2-Tetrachloroethane	ND < 12.5
	Ethylbenzene	ND < 12.5
	p-Xylene/m-Xylene	ND < 12.5
	o-Xylene	ND < 12.5
	Styrene	ND < 12.5
	Bromoform	ND < 12.5
	Isopropylbenzene	ND < 12.5
	Bromobenzene	ND < 12.5
	1,1,2,2-Tetrachloroethane	ND < 12.5
	1,2,3-Trichloropropane	ND < 12.5
	n-Propylbenzene	ND < 12.5
	2-Chlorotoluene	ND < 12.5
	4-Chlorotoluene	ND < 12.5
	1,3,5-Trimethylbenzene	ND < 12.5
	tert-Butylbenzene	ND < 12.5
	1,2,4-Trimethylbenzene	ND < 12.5

ALSN: 132F

METHOD: EPA 8021

LOCATION

TARGET ANALYTES

RESULTS(mg/kg)

All locations
5 feet down

sec-Butylbenzene	ND < 12.5
1,3-Dichlorobenzene	ND < 12.5
1,4-Dichlorobenzene	ND < 12.5
4-Isopropyltoluene	ND < 12.5
1,2-Dichlorobenzene	ND < 12.5
n-Butylbenzene	ND < 12.5
1,2-Dibromo-3-chloropropane	ND < 12.5
Surrogate Recovery (%)	
PID	83
ELCD	73
1,2,4-Trichlorobenzene	ND < 12.5
Hexachlorobutadiene	ND < 12.5
Naphthalene	ND < 12.5
1,2,3-Trichlorobenzene	ND < 12.5
Surrogate Recovery (%)	
PID	86
ELCD	70

> = Greater than
< = Less than

Approved by: *SWM* *6/16/95*
RACHEL HOAKINS