LABELLA Associates, P.C.

Engineering
Architecture
Environmental

Phase II Environmental Site Assessment
Preliminary Site Characterization

Location:

Carriage Cleaners
2101 Monroe Avenue
Town of Brighton
Monroe County, New York

Prepared for:

Carriage Cleaners
2101 Monroe Avenue
Rochester, New York 14895

LaBella Project No. 204129

July 2004

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Reply to
Rochester Office

July 22, 2004

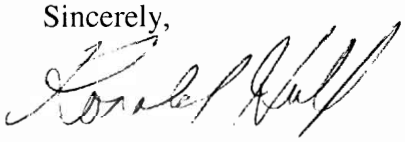
Todd Caffoe, P.E.
NYS Department of Environmental Conservation
Division of Environmental Remediation
Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Re: Carriage Cleaners
Our Reference No.: 992749.2

Dear Mr. Caffoe:

Enclosed is a copy of the Phase II Environmental Site Assessment Preliminary Site Characterization concerning Carriage Cleaners located at 2101 Monroe Avenue, Town of Brighton, Monroe County.

Sincerely,



Ronald G. Hull

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Enclosure

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Table of Contents

I. Background

In September 2003, Newcomb Oil Company (Newcomb Oil) notified the New York State Department of Environmental Conservation (NYSDEC) of a possible leak in a 10,000-gallon gasoline underground storage tank at their Monroe Avenue facility located adjacent to the west from the Carriage Cleaners facility located at 2101 Monroe Avenue. Both facilities are located in the Town of Brighton, Monroe County, New York. As a result of this potential leak, the underground storage tank was pumped out and taken out of service by Newcomb Oil.

Subsequent to Newcomb Oil notifying the NYSDEC of the suspected release, the NYSDEC performed a Petroleum Bulk Storage Inspection of the Newcomb Oil facility which revealed errors in procedures used for inventory monitoring and reconciliation of records.

By October 2003 subsurface characterization activities had been completed at the Newcomb Oil parcel as well as initiated off-site to assist in the characterization of potentially impacted properties located down-gradient of the Newcomb Oil facility. In November 2003 remedial actions were implemented at the Newcomb Oil parcel which included the removal of two (2) known and five (5) unknown underground storage tanks from the facility.

Tetrachloroethene (Perk) was first identified during sample analysis completed in November through December 2003. The cumulative analytical results from groundwater sampling conducted in late 2003 are summarized in the table below. The table lists the analytical results for Tetrachloroethene only. The analytical results are compared to the NYSDEC Part 703 Groundwater Standard.

The groundwater monitoring wells sampled during this phase of the Newcomb Oil Investigation are located throughout the neighborhoods in the vicinity of the Newcomb Oil parcel. Groundwater monitoring well locations are depicted on a neighborhood site plan created by Haley and Aldrich of New York (H&A), Newcomb Oil's environmental engineers. Analytical data generated by H&A and the associated figure depicting the location of the groundwater monitoring wells are included in Appendix 1.

Groundwater Analytical Results
Newcomb Oil Data Points
Tetrachloroethene only

Groundwater Monitoring Well No.	Date Sampled	Location	Analytical Result (Perc)	NYSDEC Part 703 Groundwater Standard
HA-102	12/11/03	Northeast Corner of Newcomb parcel	ND<50	5
HA-104	11/24/03	East Property Line of 103 Brooklawn	**248**	5
"	12/11/03	"	**220**	5
HA-111	10/22/03	North Portion of 2111 Monroe Ave.	**781**	5
"	11/24/03	"	**668**	5
HA-113	12/11/03	West Portion of CVS parcel	ND<15J	5
HA-114	11/24/03	South Property Line of 159 Hampshire Dr.	**436**	5
"	12/11/03	"	**260**	5
HA-119	12/11/03	159 Irving Road	ND<5.0	5

All sample results and guidance values in ug/L = ppb
ND denotes Not Detected above Method Detection Limits
Bold denotes constituents above NYSDEC Groundwater Standard
J denotes an estimated value

Based on this analytical data, it appears that there is somewhat widespread, but low level Tetrachloroethene impairment in the overburden groundwater. At the locations where Tetrachloroethene was detected above Method Detection Limits, the levels in each instance were above NYSDEC Part 703 Groundwater Standards.

In January 2004 indoor air sampling was conducted by the NYSDEC on potentially impacted residences located in the vicinity of the area suspected as being the source of the Tetrachloroethene release (i.e. 2101 Monroe Avenue). The analytical results from the 13 soil gas samples submitted for analysis by the NYSDEC are summarized in the table below. Only the level of Tetrachloroethene is reflected in the table below. A copy of the full analytical results is included in Appendix 2. Sample locations are depicted on mapping provided by the NYSDEC which is included in Appendix 2.

Indoor Air & Sub-Slab Analytical Results
NYSDEC Data Points
Tetrachloroethene only

Sample No.	Sample Type	Location	Analytical Result (Perk)
40-1	Sub-slab	40 Brooklawn Drive	ND
40-2	Indoor Air	40 Brooklawn Drive	ND
2111-1DL	Sub-slab	2111 Monroe Avenue	140,000
2111-2DL	Indoor Air	2111 Monroe Avenue	500D
A-1	Outdoor	East CVS Property Line	ND
2113-1	Sub-slab	2113 Monroe Avenue	14
2113-2	Indoor Air	2113 Monroe Avenue	41
2124-U-1DL	Sub-slab	2124 Monroe Ave. (Apartment Complex)	43,000D
2124-U-2	Indoor Air	2124 Monroe Ave. (Apartment Complex)	26
2128-U-1DL	Sub-slab	2128 Monroe Ave. (Apartment Complex)	2,000
2128-U-2	Indoor Air	2128 Monroe Ave. (Apartment Complex)	7.4
2130-2-1DL	Sub-slab	2130 Monroe Ave. (Apartment Complex)	4,200
2130-2-2	Indoor Air	2130 Monroe Ave. (Apartment Complex)	ND

All sample results and guidance values in micrograms per cubic meter (ug/m3)
ND denotes Not Detected above Method Detection Limits
DL denotes a dilution factor was required

The analytical results from the NYSDEC sub-slab and indoor air sampling study revealed that the highest concentration of tetrachloroethene was identified in both the sub-slab soil gas and indoor air samples collected from 2111 Monroe Avenue. 2111 Monroe Avenue, a residential structure owned by Carriage Cleaners, is located adjacent to the east of the Carriage Cleaners facility.

II. Summary of Findings

Overburden Summary of Findings

Site characterization activities have been conducted at the Carriage Cleaners facility located at 2101 Monroe Avenue in the Town of Brighton, Monroe County, New York hereinafter referred to as "the Site" including:

- The advancement, logging and select sampling of 27 geoprobe soil borings
- The installation and sampling of 5 overburden groundwater monitoring wells

Analytical data generated from the laboratory analysis of soil and groundwater samples from these borings and groundwater monitoring wells indicate that shallow overburden groundwater has been impacted with Tetrachloroethene. These levels of Tetrachloroethene exceed NYSDEC Part 703 Groundwater Standards.

In addition, limited areas of impaired soil exist at the Site that contains levels of Tetrachloroethene above NYSDEC TAGM 4046 Soil Cleanup Objective to Protect Groundwater Quality.

This area of impaired soil is generally located in the vicinity of the sanitary and storm sewer corridor. The area of groundwater impaired with low levels Tetrachloroethene appears to be generally widespread across the Site.

III. Summary of Geologic and Hydrogeologic Conditions

Site geologic features are based primarily on information obtained from the advancement of 27 geoprobe advanced borings at the Site.

Based on field observations overburden appears to be approximately six feet (SB-7) to fourteen feet (SB-12) thick. Based on field observations and surveyed groundwater elevations, groundwater flow appears to flow radially to the north, northeast and southeast from a high point near the southwestern corner of the Site.

- The bedrock in the area is Lockport Dolomite.
- The native soils at the Site consist of compact sandy Silts above a Sand and Gravel deposit.
- The horizontal gradient in the overburden aquifer appears to range from approximately 0.0008 to 0.0016.

The velocity of groundwater flow in the overburden aquifer can be estimated using Darcy's Law:

$$V=KI/e$$

Where V equals the velocity of groundwater flow, K equals the hydraulic conductivity (permeability), I equals hydraulic gradient, and e equals the effective porosity. The effective porosity is the volume of pore space through which groundwater flow actually occurs. The lower the value of effective porosity, the higher the resulting groundwater velocity. The median range of effective porosity and permeability for similar aquifers typically is reported to be in the range of 25% to 40%. The hydraulic conductivity is estimated to be about 10^{-3} cm/sec, based on published values for similar aquifers.

The rate of groundwater movement in the overburden aquifer is estimated to be in the range of less than 0.045 to 0.09 ft/day calculated assuming an effective porosity of 32.5% and a hydraulic conductivity of 10^{-3} cm/sec. Actual localized rates of groundwater movement will vary in response to local hydrogeologic conditions and man made preferential flow zones created by utility corridors.

A groundwater contour map for the Site is included as Figure 2.

IV. Investigation Methodology

Overburden Soil Borings and Monitoring Wells

Soil borings at the Site were advanced with a geoprobe direct push, sampling system. The use of direct push technology allows for rapid sampling, observation, and characterization of relatively shallow overburden soils. The geoprobe utilizes a four-foot macro-core sampler, with disposable polyethylene sleeves. Soil cores are retrieved in four-foot sections, and can be easily cut from the polyethylene sleeves for observation and sampling. The macro-core sampler was decontaminated between samples and borings using an alconox and water solution.

All soil cores were screened for evidence of impairment by a LaBella Associates Environmental Geologist. Field air monitoring readings of soil samples were conducted with a Photovac 2020 Photoionization detector calibrated to a response factor of 1.00.

Soil samples were collected and placed directly into laboratory supplied, glass samples jars with a Teflon sealed lid. All samples were placed in coolers with chemical ice packs and transported under Chain of Custody procedures to Paradigm Laboratories, Inc, of Rochester, New York for analysis.

Monitoring wells were installed at five (5) of the boring locations at the Site. All monitoring wells utilized 1 inch well screen. The monitoring wells were set at depths varying from 10 feet to 12 feet below the ground surface, each with 5 feet of .010 inch slotted PVC screen intersecting the water table, connected to an appropriate length of PVC riser to complete the well installation. All wells were sand packed to 2 to 3 feet above the well screen, bentonite sealed to 1 foot below the ground surface, and grouted to the ground surface. Each well was finished either with a locking cap and flush mount cover or stand-up locking casing.

Each well received a dedicated PVC bailer. Prior to sampling each monitoring well was developed and purged by bailing at least 3 well volumes.

The five (5) groundwater monitoring wells advanced at the Site were elevated and compared to an onsite specific elevation. In addition, one groundwater monitoring well (HA-111) advanced by H&A on the adjacent residential parcel (2111 Monroe Avenue) was surveyed to establish its relative elevation.

Boring logs and monitoring well construction diagrams are attached as Appendix 3.

V. Fieldwork and Findings

Introduction

Initial Site Investigation Activities were conducted at the Site on March 10, 2004 and April 12, 2004. During this time frame, a total of twenty seven (27) geoprobe borings and five shallow groundwater monitoring wells were advanced at the Site to preliminarily characterize subsurface conditions at the Site.

Scope of Work

The workplan that was developed was designed to provide initial coverage of the Site in the areas most likely to have contributed to, or be affected by, a potential chemical release at the Site. The Scope of Work is based on LaBella's discussions with Mr. James Reitze, Underberg & Kessler LLP, and on information regarding current and suspected historical Site activities. The initial work plan that was implemented at the Site is as follows:

1. LaBella Associates worked with Carriage Cleaners to determine the areas of potential concern/migration pathways at the Site as they relate to Site objectives and issues. Part of this task also involved LaBella Associates conducting limited Phase I ESA related research for the facility to better understand site history and utility services associated with the Site.

2. An Underground Facilities Protection Organization (UFPO) stakeout was conducted at the Site, to locate any subsurface utilities in the areas where the subsurface assessment and delineation took place.

3. LaBella Associates retained the services of a specialized contractor to implement a direct push "geoprobe" soil boring and sampling program at the Site. A total of two days of borings were conducted at the Site.

4. LaBella reviewed available information and the information provided by the utility stakeout to determine the appropriate locations for soil borings. A total of twenty seven borings were implemented at the following locations:

    - In the area of the former Tetrachloroethene aboveground storage tank.
    - In the area near the reported former filter storage/drying area.
    - In the area of the Site along the south property line closest to the former Tetrachloroethene still located on the interior of the building.
    - In the area of the Site adjacent to the utility corridors servicing the Site.
    - In the areas of the Site adjacent to previously identified with an elevated level of Tetrachloroethene in shallow groundwater (i.e. HA-111).

5. Five 1-inch diameter monitoring wells were installed, based on evidence of impairment observed in the soil borings, these include the following locations:

    - One well in the vicinity of the former Tetrachloroethene above ground storage tank (MW#1);
    - One well along the south property line closest to the former Tetrachloroethene Still located on the interior of the building (MW#2);
    - One well adjacent to the sanitary and storm sewer lines identified with the highest level of Tetrachloroethene is soils at the Site (MW#3);
    - One well north of the Carriage Cleaners structure (MW#4);
    - One well at the southwest corner of the Carriage Cleaners parcel (MW#5);

Field Activities

Twenty seven borings were advanced at the Site. All of the borings were advanced to total depths ranging from 3.8 feet to 14 feet below grade. Based on field observations, groundwater monitoring wells were installed at the soil boring #1 near the former Perk aboveground storage tank (MW #1), soil boring #8 near the south property line (MW #2), soil boring #16 in adjacent to the sanitary and storm sewer utility corridors (MW #3), soil boring #20 near the southwest property line (MW #4) and soil boring #24 north of the Carriage Cleaners structure (MW#5).

All soil cores were continuously assessed by a LaBella Associates Environmental Geologist for soil type and evidence of impairment.

The objective of this Phase of the investigation involved the preliminary characterization of the Site to determine potential source areas of Tetrachloroethene in either soil or shallow overburden groundwater at the Site. To complete this investigation, borings were advanced to equipment rejection. PID readings from these borings are presented in the table below.

Soil PID Readings
Direct-Push Soil Sampling Study

Soil Boring	Depth Interval							Sample Analyzed	Analytical Method
	0' – 2'	2' – 4'	4' – 6'	6' – 8'	8' – 10'	10' – 12'	12' – 14'		
B-1	0.3	0.3	1.9	6.5	34.5	---	---	8.0'-10.5'	8260B TCL STARS
B-2	0.0	0.0	0.4	NR	1.9	9.5	---	N.A.	N.A.
B-3	0.0	0.0	0.0	0.2	6.5	---	---	N.A.	N.A.
B-4	0.0	0.0	0.0	0.0	0.0	0.0	---	8.0'-11.0'	8260B TCL STARS
B-5	0.0	0.0	0.0	0.0	0.0	---	---	N.A.	N.A.
B-6	0.0	0.0	0.0	0.0	---	---	---	N.A.	N.A.
B-7	0.0	0.0	0.0	NR	---	---	---	N.A.	N.A.
B-8	0.0	0.0	0.0	0.0	0.0	---	---	8.0'-10.5'	8260B TCL STARS
B-9	0.0	0.0	0.0	0.0	0.0	---	---	N.A.	N.A.
B-10	0.0	NR	0.8	4.1	7.7	---	---	N.A.	N.A.
B-11	0.0	0.0	641	NR	2,000	---	---	8.0'-9.0'	8260B TCL STARS
B-12	0.9	6.7	0.0	67.4	110	641	71.4	N.A.	N.A.
B-13	0.3	NR	0.0	0.0	---	---	---	N.A.	N.A.
B-14	0.0	NR	0.0	NR	---	---	---	N.A.	N.A.
B-15	0.0	NR	11.4	13.1	132	---	---	8.0'-11.5'	8260B TCL STARS
B-16	0.0	0.0	10.0	NR	132	NR	---	N.A.	N.A.
B-17	0.0	287	2,000	NR	2,000	---	---	8.0'–9.7'	8260B TCL STARS
B-18	0.0	0.0	0.0	0.0	2,000	NR	---	8.0'–11.8'	8260B TCL STARS
B-19	0.0	0.0	0.0	0.0	900	---	---	N.A.	N.A.
B-20	0.0	0.0	0.0	0.0	237	---	---	N.A.	N.A.
B-21	0.0	0.0	0.0	NR	2,000	---	---	8.0'-11.4'	8260B TCL STARS
B-22	0.0	0.0	0.0	---	---	---	---	N.A.	N.A.
B-23	0.0	0.0	---	---	---	---	---	N.A.	N.A.
B-24	0.0	0.0	0.0	NR	247	NR	---	N.A.	N.A.
B-25	0.0	0.0	0.0	NR	---	---	---	N.A.	N.A.
B-26	0.0	0.0	0.0	0.0	0.0	---	---	N.A.	N.A.
B-27	0.0	0.0	0.0	0.0	0.0	---	---	N.A.	N.A.

All PID readings were collected utilizing a Photovac 2020 Photoionization detector and are representative of ppm VOC
8260 TCL STARS denotes analysis utilized USEPA Method 8260B TCL plus NYSDEC STARS Compounds
--- denotes boring rejection prior to depth interval
NR denote no sample recovery
N.A. denotes Not Applicable

The native soils at the Site beneath the asphalt (if present) generally consist of a silty glacial till deposit of Clayey SILT with little to some fine-grained Sand and trace to little Gravel. At locations SB-2, SB-5, SB-8, SB-9, SB-10, SB-11, SB-12, SB-13, SB-15, SB-17, SB-19, and SB-21 through SB-27, the Silty Till deposits were overlain by 0.9 to 6.0 feet of fill material generally consisting of coarse to fine grained GRAVEL with some to little coarse to fine grained Sand. The fill material encountered in borings SB-5 and SB-8 also contained varying amounts of fly ash, coal fragments and cinders. At most locations, the silty glacial till deposits were underlain by a sandy glacial till consisting of coarse to fine-grained SAND with trace to and coarse to fine-grained Gravel and trace to some Silt. The depth to bedrock at the Site varies and is estimated to be between 6 and 14 feet below surface grade.

The boring locations at the Site are illustrated in Figure 1. Copies of the boring logs are included in Appendix 3.

Subsurface Analytical Results - Soils

Soil samples were sent under Chain of Custody procedures to Paradigm Laboratories, Inc. of Rochester, New York for petroleum and solvent related VOC analysis by USEPA Method 8260B TCL plus NYSDEC STARS compounds.

The analytical results from the soil samples for solvent and petroleum hydrocarbon related Volatile Organic Compound analysis by USEPA Method 8260B plus NYSDEC STARS Compounds are summarized in the table below. The individual constituents are compared to the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater Quality.

Soil Sample Results - LaBella Soil Boring and Sampling Investigation (USEPA 8260)

Compound	SB 1 8.0-10.5 ft.	SB 4 8.0 – 11 ft.	SB 8 8.0-10.5 ft.	SB 11 8.0-9.0 ft.	SB 15 8.0-11.5 ft.	SB-17 8.0-9.7 ft.	SB-18 8.0-11.8 ft.	SB-21 8.0-11.4 ft.	NYSDEC TAGM 4046 Soil Clean Up Objective to Protect Groundwater Quality
Acetone	ND<36.3	ND<34.0	ND<55.5	ND<4,930	ND<13,000	ND<153	ND<56.6	ND<37,400	110
Benzene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	60
Bromodichloromethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
Bromoform	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
Bromomethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
2-Butanone	ND<18.1	ND<17.0	ND<27.7	ND<2,470	ND<6,500	ND<76.3	ND<28.2	ND<18,700	300
Carbon Disulfide	ND<18.1	ND<17.0	ND<27.7	ND<2,470	ND<6,500	ND<76.3	ND<28.2	ND<18,700	2,700
Carbon Tetrachloride	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	600
Chlorobenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	1,700
Chloroethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	1,900
Chloroform	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	300
Chloromethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
Dibromochloromethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
1,1-Dichloroethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	200
1,2-Dichloroethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	100
1,1-Dichloroethene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	400
1,2-Dichloroethene (Total)	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
1,2-Dichloropropane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
cis-1,3-Dichloropropene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
trans-1,3-Dichloropropene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
Ethylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	3,180	ND<30.5	ND<11.3	**47,400**	5,500
2-Hexanone	ND<18.1	ND<17.0	ND<27.7	ND<2,470	ND<6,500	ND<76.3	ND<28.2	ND<18,700	N/A
Methylene chloride	ND<18.1	ND<17.0	ND<27.7	ND<2,470	ND<6,500	ND<76.3	ND<28.2	ND<18,700	100
4-Methyl-2-pentanone	ND<18.1	ND<17.0	ND<27.7	ND<2,470	ND<6,500	ND<76.3	ND<28.2	ND<18,700	1,000
Styrene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
1,1,2,2-Tetrachloroethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	600
Tetrachloroethene (PCE or Perc)	758	547	233	**34,500**	ND<2,600	ND<30.5	20.7	ND<7,480	1,400
Toluene	ND<7.25	ND<6.79	ND<11.1	**2,310**	**7,330**	ND<30.5	ND<11.3	**13,500**	1,500
1,1,1-Trichloroethane (TCA)	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	760
1,1,2-Trichloroethane	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
Trichloroethene (TCE)	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	700
Vinyl acetate	ND<18.1	ND<17.0	ND<27.7	ND<2,470	ND<6,500	ND<76.3	ND<28.2	ND<18,700	N/A
Vinyl chloride	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	120
Total Xylene	ND<7.25	ND<6.79	ND<11.1	**1,740**	**122,600**	ND<30.5	47.2	**338,000**	1,200
Isopropylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	2,700	ND<30.5	ND<11.3	ND<7,480	4,740
n-Propylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	5,960	ND<30.5	ND<11.3	**25,900**	14,000
p-Cymene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
1,2,4-Trimethylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	**119,000**	ND<30.5	ND<11.3	**212,000**	13,000
1,3,5-Trimethylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	**37,100**	ND<30.5	33.2	**63,000**	3,330
n-Butylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	17,620
sec-Butylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	24,910
tert-Butylbenzene	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	ND<30.5	ND<11.3	ND<7,480	N/A
Naphthalene	ND<18.1	ND<17.0	ND<27.7	ND<2,470	**15,500**	ND<76.3	ND<28.2	**26,100**	13,000
Methyl tert butyl ether (MTBE)	ND<7.25	ND<6.79	ND<11.1	ND<986	ND<2,600	**1,390**	**321**	ND<7,480	120

Bold denotes constituents above NYSDEC TAGM 4046 Soil Cleanup Objective to Protect Groundwater
All sample results are listed in ppb
NA denotes Not Applicable

The analytical results from the soil samples indicate that VOC impacted soil above NYSDEC Part 703 Groundwater Quality Standards is present at the Site. Tetrachloroethene was detected above NYSDEC TAGM 4046 Soil Cleanup Objective to Protect Groundwater Quality at the location of SB-11. Tetrachloroethene was detected above method detection limits but below NYSDEC TAGM 4046 Soil Cleanup Objective to Protect Groundwater Quality at the location of SB-1, SB-4, SB-8 and SB-18. Tetrachloroethene was not detected above Method Detection Limits in the soil collected from SB-15, SB-17 and SB-21.

Petroleum hydrocarbon related volatile organic compounds were detected above NYSDEC TAGM 4046 Soil Cleanup Objective to Protect Groundwater Quality at the location of SB-11, SB-15, SB-17, SB-18 and SB-21. The analytical data from LaBella monitoring wells SB-1, SB-4 and SB-8 do not indicate the presence of any petroleum hydrocarbon related constituents above NYSDEC TAGM 4046 Soil Cleanup Objective to Protect Groundwater Quality at this portion of the Site.

Subsurface Analytical Results – Overburden Groundwater:

Five groundwater-monitoring wells were advanced at the Site to evaluate the potential impacts to groundwater from the release of chlorinated solvents at the Site. Groundwater monitoring wells were advanced at the following locations;

- MW-1 was installed at the location of soil boring #1 advanced near the former Tetrachloroethene aboveground storage tank;
- MW-2 was installed at the location of soil boring #8 advanced near the south property line, adjacent to the interior location of the Tetrachloroethene Still;
- MW-3 was installed at the location of soil boring #16 advanced adjacent to the sanitary and storm sewer utility corridors;
- MW-4 was installed at the location of soil boring #20 advanced near the southwest property line;
- MW-5 was installed at the location of soil boring #24 advanced north of the Carriage Cleaners structure.

How Surveyed?

All monitoring well locations are shown on Figure 1.

Groundwater-monitoring wells MW-1 and MW-2 were developed, purged and sampled on March 11, 2004. Groundwater-monitoring wells MW-3, MW-4 and MW-5 were developed, purged and sampled on April 13, 2004.

Groundwater samples were sent under Chain of Custody Procedures to Paradigm Laboratories, Inc. of Rochester, New York. The analytical results for those compounds detected above method detection limits from the groundwater samples for VOC analysis by USEPA Method 8260 Target Compound List Volatiles plus NYSDEC STARS Compounds are summarized in the table below. The individual constituents are compared to the NYSDEC Part 703 Groundwater Standards.

Groundwater Sample Results (USEPA 8260)

Compound	MW-1	MW-2	MW-3	MW-4	MW-5	NYSDEC Part 703 Groundwater Standards
Acetone	ND<500	ND<20	ND<2,000	ND<10	ND<1,000	50*
Benzene	ND<35	ND<1.4	**3,840**	ND<0.700	**985**	1
Bromodichloromethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	50*
Bromoform	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	50*
Bromomethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
2-Butanone	ND<250	ND<10	ND<1,000	ND<5.0	ND<500	N/A
Carbon Disulfide	ND<250	ND<10	ND<1,000	ND<5.0	ND<500	10
Carbon Tetrachloride	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Chlorobenzene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Chloroethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	50
Chloroform	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	7
Chloromethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	N/A
Dibromochloromethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	50*
1,1-Dichloroethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
1,2-Dichloroethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
1,1-Dichloroethene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
1,2-Dichloroethene (Total)	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
1,2-Dichloropropane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
cis-1,3-Dichloropropene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
trans-1,3-Dichloropropene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Ethylbenzene	ND<100	ND<4.0	**5,310**	ND<2.0	**2,350**	5
2-Hexanone	ND<250	ND<10	ND<1,000	ND<5.0	ND<500	N/A
Methylene chloride	ND<250	ND<10	ND<1,000	ND<5.0	ND<500	5
4-Methyl-2-pentanone	ND<250	ND<10	ND<1,000	ND<5.0	ND<500	N/A
Styrene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	50
1,1,2,2-Tetrachloroethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Tetrachloroethene (PCE or Perk)	**4,380**	**324**	ND<400	ND<2.0	ND<200	5
Toluene	ND<100	ND<4.0	**30,000**	ND<2.0	**9,820**	5
1,1,1-Trichloroethane (TCA)	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
1,1,2-Trichloroethane	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Trichloroethene (TCE)	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Vinyl acetate	ND<250	ND<10	ND<1,000	ND<5.0	ND<500	N/A
Vinyl chloride	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	2
Total Xylene	ND<100	ND<4.0	**26,330**	ND<2.0	**20,190**	5
Isopropylbenzene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
n-Propylbenzene	ND<100	ND<4.0	**2,420**	ND<2.0	**270**	5
p-Cymene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	N/A
1,2,4-Trimethylbenzene	ND<100	ND<4.0	**27,600**	ND<2.0	**3,410**	5
1,3,5-Trimethylbenzene	ND<100	ND<4.0	**7,100**	ND<2.0	**896**	5
n-Butylbenzene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
sec-Butylbenzene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
tert-Butylbenzene	ND<100	ND<4.0	ND<400	ND<2.0	ND<200	5
Naphthalene	ND<250	ND<10	**6,930**	ND<5.0	ND<500	10
Methyl tert butyl ether (MTBE)	ND<100	ND<4.0	**2,220**	ND<2.0	**1,420**	5

Bold denotes constituents above NYSDEC Part 703 Groundwater Standard
All sample results are listed in ppb
ND denotes None Detected above Method Detection Limit
NA denotes Not Applicable
* denotes Guidance Value

The analytical results from the groundwater samples indicate that VOC impacted shallow overburden groundwater above NYSDEC Part 703 Groundwater Quality Standards is present at the Site. Tetrachloroethene was detected above NYSDEC Part 703 Groundwater Quality Standards at the location of MW-1 and MW-2. Tetrachloroethene was not detected above Method Detection Limits in the overburden groundwater collected from MW-3, MW-4 and MW-5. Petroleum hydrocarbon related volatile organic compounds were detected above NYSDEC Part 703 Groundwater Quality Standards at the location of MW-3 and MW-5. The analytical data from LaBella monitoring wells MW-4 do not indicate the presence of any constituents above NYSDEC Part 703 Groundwater Quality Standards at this portion of the Site.

Sewer Survey:

On April 1, 2004, Roto-Rooter Plumbing & Drain Service was on Site to clean the storm and sanitary sewers at the Site and to attempt to verify the connection of the floor drain piping to the municipal sewers. The sewers were augered and flushed of debris. Through the use of a "through pipe camera system" Roto-Rooter's technicians traced the discharge of the storm sewer line from a cleanout to a section of damaged storm sewer piping located near the east edge of Brooklawn Drive. The damage was identified as a "Shift, break or large impassible obstruction." The Site's sanitary sewer system was also traced from a bathroom toilet to an "impassible point, believed to be a shift" at about the same distance from the building as the damage in the storm sewer. The Roto-Rooter technicians were not able to provide further details regarding this damage as in each case, the camera went under water prior to reaching the obstruction. While on-site, the technicians were able to verify that floor drains within the bathrooms and eastern laundry room were connected to the sanitary sewer system.

VI. Conclusion

Preliminary Site Characterization activities have been conducted at the Site. The analytical data discussed above support the observations made at the time of the fieldwork. The analytical data indicate that there appear to have been releases of Tetrachloroethene which have impacted shallow soil and overburden groundwater at the Site.

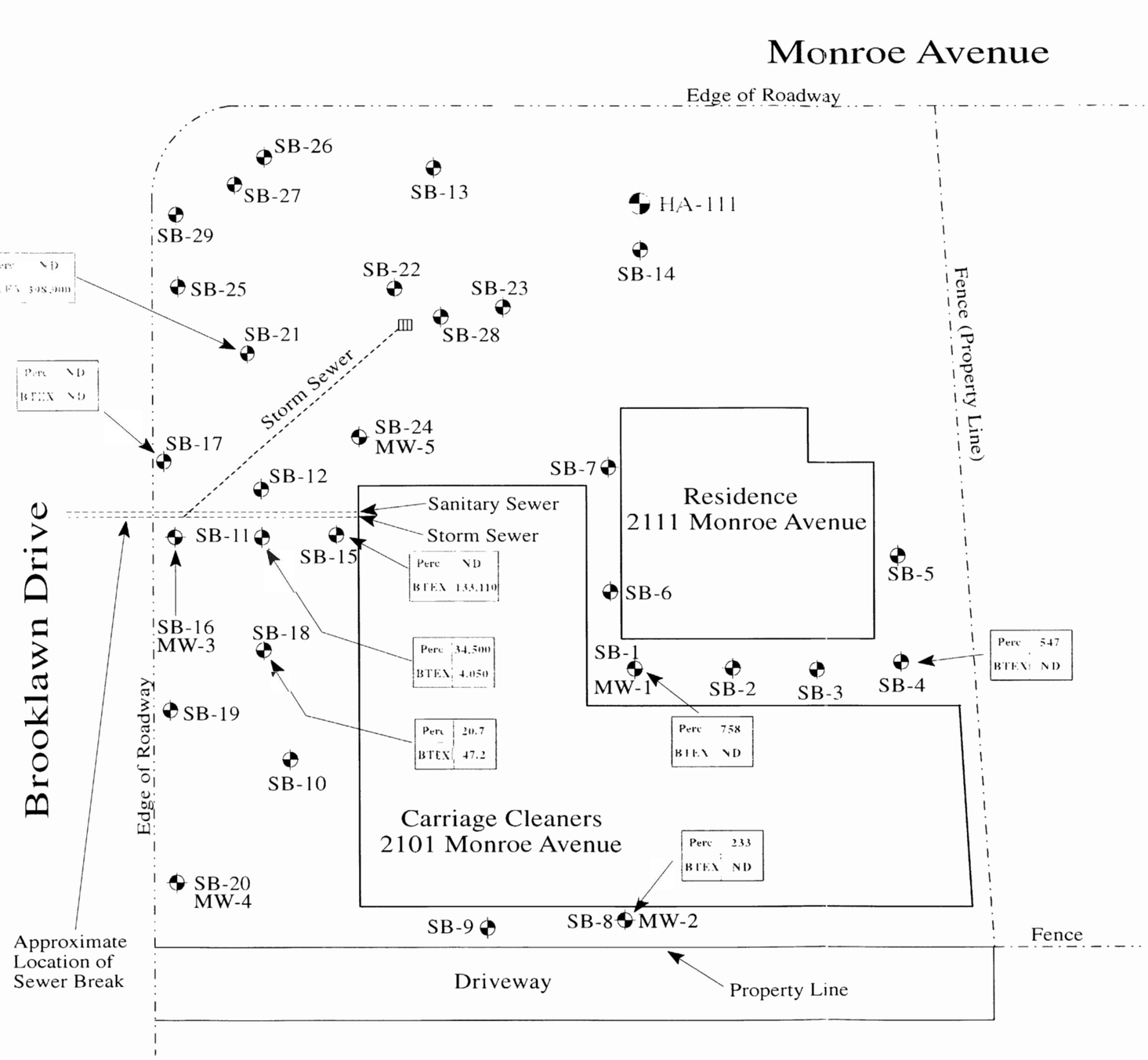
In addition, it appears that the petroleum release from the Newcomb Oil facility is negatively impacting the Site.

Based on observations made during the soil boring and sampling program and the comparison of the analytical data to the NYSDEC Guidance Values the soil in a localized area in the vicinity of the sanitary and storm sewer utility corridor is impaired with both Tetrachloroethene and petroleum hydrocarbon related compounds above the NYSDEC TAGM 4046 Recommended Levels for the Protection of Groundwater Quality.

The most likely source of the localized Tetrachloroethene soil impairment is a potential failure of the sanitary and/or storm sewer lines exiting the Site and the most likely source of the petroleum impairment is the Newcomb Oil facility.

A copy of all information collected during this assessment, including photographs, maps, notes, analytical data and other material will be kept on file at the offices of LaBella Associates, P.C. This information is available at your request.

Figures



NORTH

LEGEND

B-1	LaBella Soil Boring Location & ID Number
SB-1 / MW-1	LaBella Monitoring Well Location & ID Number
HA-111	H&A Monitoring Well Location & ID Number
Perc	Denotes Tetrachloroethene
BTEX	Denotes Benzene, Toluene, Ethylbenzene & Xylene
ND	Denotes Compound Not Detected Above Method Detection Limits
500	Denotes Level of Perc/BTEX detected in Parts Per Billion

PROJECT TITLE:

Phase II Environmental Site Assessment
2101 & 2111 Monroe Avenue
Brighton, New York

FIGURE TITLE:

FIGURE 1
Soil Boring Locations &
Analytical Results

DATE: April 2004

NOT TO SCALE

Monroe Avenue

Edge of Roadway

Brooklawn Drive

Edge of Roadway

Fence (Property Line)

Fence

Driveway

Property Line

HA-111

Storm Sewer Catch Basin

Approximate Location of Sewer Break

Storm Sewer

Sanitary Sewer

Storm Sewer

MW-5 (88.77)

Perc ND
BTEX 65,480

Perc ND
BTEX 33,345

MW-3 (88.79)

88.80'

88.82'

88.84'

88.86'

Residence
2111 Monroe Avenue

Perc 4,380
BTEX ND

MW-1 (88.81)

Carriage Cleaners
2101 Monroe Ave.

MW-4 (88.88)

Perc ND
BTEX ND

MW-2 (88.80)

Perc 324
BTEX ND

NORTH

LEGEND

MW-1 (88.80)	LaBella Monitoring Well Location & Groundwater Elevation
HA-111	H&A Monitoring Well Location & ID Number
Perc	Denotes Tetrachloroethene
BTEX	Denotes Benzene, Toluene, Ethylbenzene & Xylene
ND	Denotes Compound Not Detected Above Method Detection Limits
500	Denotes Level of Perc/BTEX detected in Parts Per Billion
88.88'	Groundwater Isocountour with Groundwater Elevation
	General Direction Of Groundwater Flow

PROJECT TITLE:

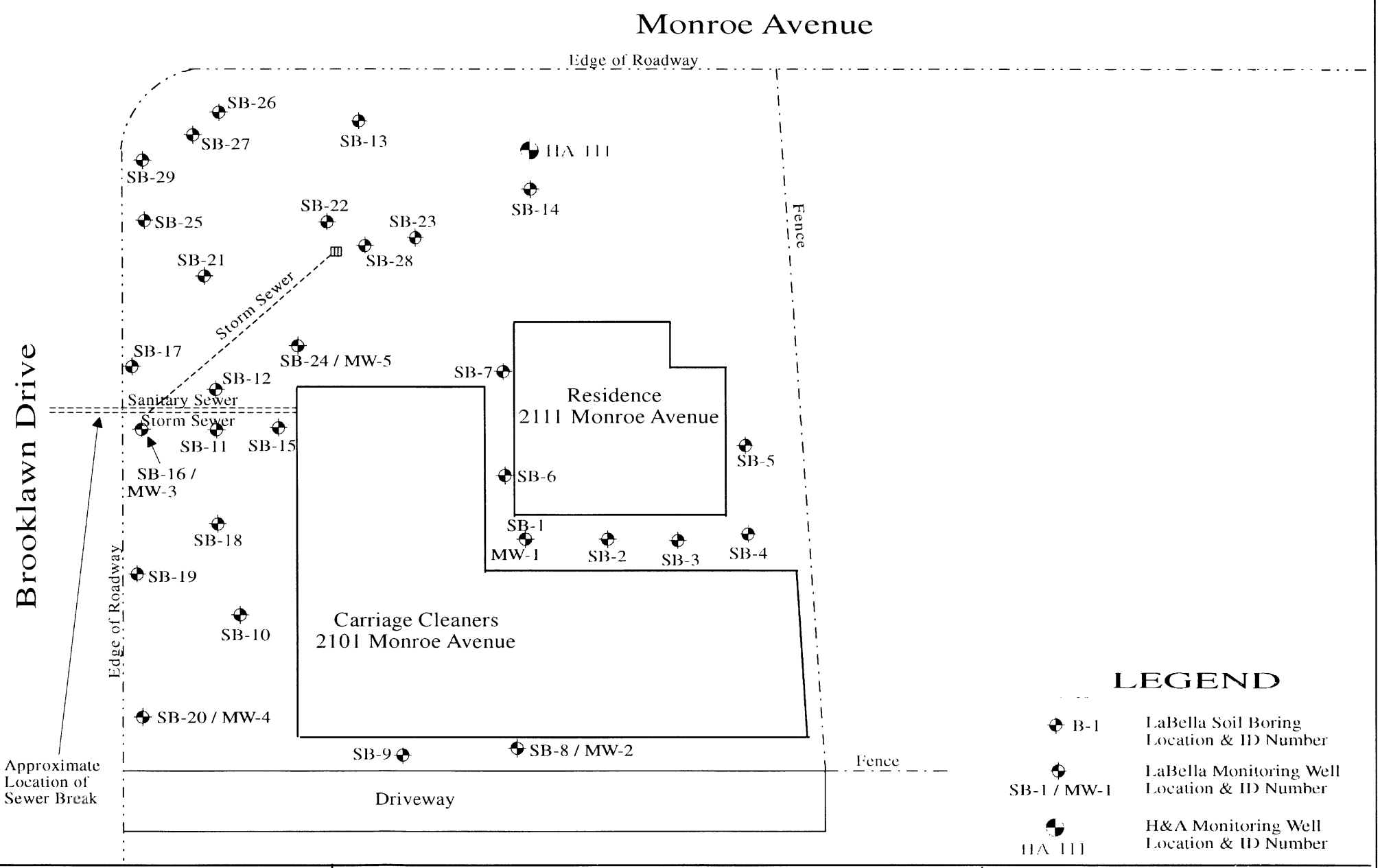
Phase II Environmental Site Assessment
2101 & 2111 Monroe Avenue
Brighton, New York

FIGURE TITLE:

FIGURE 2
Groundwater Monitoring Well Locations & Analytical Results

DATE: April 2004

NOT TO SCALE



LABELLA Associates, P.C.

PHASE II ESA: Preliminary Site Assessment

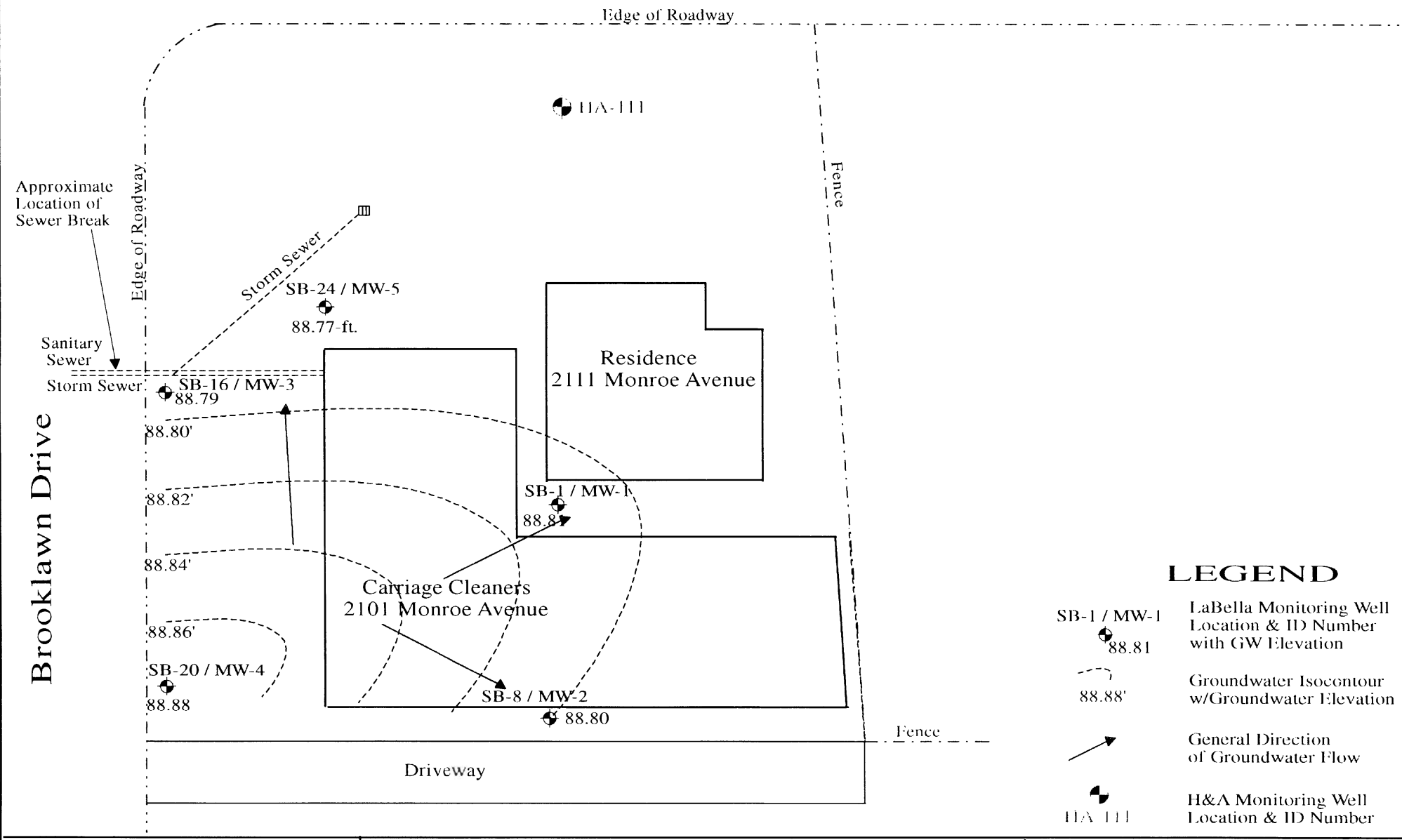
2101 & 2111 Monroe Avenue
Brighton, New York

LABELLA PROJECT NO. 204129

FIGURE 1

DATE: April 26, 2004

SCALE: 1" = 25'



LABELLA Associates, P.C.

PHASE II ESA: Preliminary Site Assessment

2101 & 2111 Monroe Avenue
Brighton, New York

LABELLA PROJECT NO. 204129

FIGURE 2

DATE: April 26, 2004

SCALE: 1" = 25'

Appendix 1

H&A Groundwater Monitoring Well Location Map and Analytical Data


Legend
Montoring Well (4-inch diameter)
Montoring Well (2-inch diameter)
Montoring Well (1-inch diameter)
Geoprobe Boring
Sub-slab Venting System
N
B109
HA-117
B110
B111
HA-123
HA-107
HA-116
HA-118
B113
B112
DEC3
B108
B103
HA-105
HA-122
DEC2
HA-106
B107
HA-115
B105
B106
MONROE-103
DEC1
HA-113
HA-110
HA-101
HA-120
B
A
HA-102
TANKFIT
HA-103
C
MONROE-101
HA-119
HA-114
BROOK-102
BROOK-103
HA-104
HA-111
MONROE-102
HA-121
BROOK-101
HA-108
HA-112
0 30 60 120 180 240
Feet
HALEY & ALDRICH
UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS
NEWCOMB OIL
BRIGHTON, NEW YORK
SITE PLAN
SCALE AS SHOWN
JANUARY 2004
30481-000\PDF FILES\SITE PLAN.mxd

VOCs in Selected Wells
Brighton Citgo/Carriage Cleaners Site

Analyte	HA-102	HA-102(DL)	HA-104	HA-113	HA-113(DL)	HA-114	HA-119
acetone	400	2000 U	50 U	200 U	2000 U	100 U	20 U
benzene	10000 E	12000	13 U	7400 E	7700	200	5 U
n-butylbenzene	13 J	500 U	13 U	17 J	500 U	25 U	5 U
cis-1,2-DCE	50 U	500 U	20	91	500 U	13 J	2.8 J
MTBE	61000 X	150000 E	13 U	14000 E	15000	550	35
ethylbenzene	2500 E	2300	13 U	2100 E	2100	25 U	5 U
isopropylbenzene	64	500 U	13 U	66	500 U	25 U	5 U
napthalene	290	320 J	13 U	210	240 J	5 J	5 U
n-propylbenzene	180	160 J	2.7 J	210	200 J	25 U	10 U
tetrachloroethene	50 U	500 U	220	15 J	500 U	260	5 U
toluene	16000 X	28000 E	13 U	13000 X	18000 E	130	5 U
trichloroethene	50 U	500 U	13 U	50 U	500 U	21 J	5 U
1,3,5-trimethylbenzene	460	410 J	6.3 J	440	390 J	14 J	5 U
1,2,4-trimethylbenzene	1800 E	1600	21	1600 E	1500	50	5 U
vinyl chloride	50 U	500 U	13 U	38 J	500 U	25 U	5 U
o-xylene	3900 E	3800	13 U	2800 E	2700	150	5 U
m+p-xylene	8000 E	8200	16	6200 E	6500	180	5 U

Sample Date 12/11/2003
Analyzed by Columbia Analytical Services (CAS) using method 8260B
Units ug/L (ppb)
U - analyte not detected
J - Estimated value
E - Exceeds calibration range
X - see case narrative from CAS

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, New York 14414-9519
Phone: (585) 226-5353 • **FAX:** (585) 226-8696
Website: www.dec.state.ny.us

Erin M. Crotty
Commissioner

February 3, 2004

Mr. Joseph Albert
111 Westfall Road
P.O. Box 92832
Rochester, New York 14692-8932

RE: Brighton Citgo/Carriage Cleaners Site
Monroe Avenue, Brighton(T), Monroe(C)

Dear Mr. Albert:

Attached for you information is the final lab report and summary for groundwater sampling at selected wells at the referenced site. Please let me know if you have any questions.

Sincerely,

Todd M. Caffoe, P.E.
Division of Environmental Remediation
Email: tmcaffoe@gw.dec.state.ny.us

attachment

cc: w/attach

M. Forcucci - NYSDOH
G. White - Haley and Aldrich

VOCs in Selected Wells
Brighton Citgo/Carriage Cleaners Site

Analyte	HA-102	HA-102(DL)	HA-104	HA-113	HA-113(DL)	HA-114	HA-119
acetone	400	2000 U	50 U	200 U	2000 U	100 U	20 U
benzene	10000 E	12000	13 U	7400 E	7700	200	5 U
n-butylbenzene	13 J	500 U	13 U	17 J	500 U	25 U	5 U
cis-1,2-DCE	50 U	500 U	20	91	500 U	13 J	2.8 J
MTBE	61000 X	150000 E	13 U	14000 E	15000	550	35
ethylbenzene	2500 E	2300	13 U	2100 E	2100	25 U	5 U
isopropylbenzene	64	500 U	13 U	66	500 U	25 U	5 U
napthalene	290	320 J	13 U	210	240 J	5 J	5 U
n-propylbenzene	180	160 J	2.7 J	210	200 J	25 U	10 U
tetrachloroethene	50 U	500 U	220	15 J	500 U	260	5 U
toluene	16000 X	28000 E	13 U	13000 X	18000 E	130	5 U
trichloroethene	50 U	500 U	13 U	50 U	500 U	21 J	5 U
1,3,5-trimethylbenzene	460	410 J	6.3 J	440	390 J	14 J	5 U
1,2,4-trimethylbenzene	1800 E	1600	21	1600 E	1500	50	5 U
vinyl chloride	50 U	500 U	13 U	38 J	500 U	25 U	5 U
o-xylene	3900 E	3800	13 U	2800 E	2700	150	5 U
m+p-xylene	8000 E	8200	16	6200 E	6500	180	5 U

Sample Date 12/11/2003
Analyzed by Columbia Analytical Services (CAS) using method 8260B
Units ug/L (ppb)
U - analyte not detected
J - Estimated value
E - Exceeds calibration range
X - see case narrative from CAS

1 Mustard Street, Suite 250 Rochester, NY 14609-6925 (585) 288-5380 (585) 288-8475 fax

Columbia Analytical Services INC.
An Employee - Owned Company

January 15, 2004

RECEIVED
JAN 20 2004
DER/HAZ. WASTE REMED
REGION 8

Mr. Todd Caffoe
NYSDEC - Region 8
6274 East Avon-Lima Road
Avon, NY 14414

PROJECT: NYSDEC
CASE #: SH803
SDG #: 12211
SAMPLE #'S: H104, H119, H113, H114, H102, TRIP BLANK
Submission#: R2319511

Dear Mr. Caffoe:

Enclosed are the analytical results of the analyses requested. The analytical results were provided to you via facsimile transmittal on 12/30/03. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,
COLUMBIA ANALYTICAL SERVICES

Michael K. Perry
Michael Perry
Laboratory Director

Enc.

cc: Mr. Larry Bailey
NYSDEC
625 Broadway - 4th Floor
Albany, NY 12233-3502

Columbia Analytical Services inc.

1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : NYS DEC - Region 8
Project Reference: NYSDEC
Lab Submission # : R2319511
Project Manager : Michael Perry
Reported : 01/15/04

Report Contains a total of 36 pages

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. Michael E. Perry

CASE NARRATIVE

COMPANY: NYSDEC – Region 8
PROJECT: NYSDEC
SUBMISSION #: R2319511
SDG#: 12211
CASE NO.: RH803

NYS DEC samples were collected on 12/11/03 and received at CAS on 12/11/03 at a cooler temperature of 5 °C. See CAS CLP Batching sheets for a cross-reference between Client ID and CAS Job # and analyses requested. An ASP-A report has been prepared.

VOLATILE ORGANIC ANALYSIS

Five water samples and a Trip Blank were analyzed for the Target Compound List (TCL) of volatile organics plus any additional stars list compounds by SW-846 method 8260B. At the client's request, all samples were analyzed at the lowest possible dilution to try and see any halogenated compounds.

All Tuning criteria for BFB were within limits.

The initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All sample surrogate recoveries were within QC limits for recovery.

The Blank Spike recoveries were all within QC limits. The Matrix Spike/Matrix Spike duplicate recoveries and RPD from sample H114 were all within QC limits.

Samples H113 and H102 were initially analyzed at a 1/10 dilution. At this dilution several compounds were severely over the acceptance range of the calibration curve and hampered the ability of the instrument to work properly. As stated above, this was done to try to see any halogenated compounds that may be present in these samples. These compounds were flagged with a "X". The samples were reanalyzed at 1/100 dilutions and several compounds were still over the calibration range of the method and have been flagged with an "E". Further dilution work was not done since the halogenated compounds were of primary concern.

All Laboratory Blanks were free from contamination.

No other analytical or QC problems were encountered during the analysis of this SDG.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package, has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry
Laboratory Manager

1/15/04
Date

SDG #:12211 CASE No.:SH803	BATCH COMPLETE: __yes__________	DATE REVISED:
SUBMISSION R2319511	DISKETTE REQUESTED: Y_x__ N____	DATE DUE: 1/10/04
CLIENT: NYS DEC - Region 8	DATE: 12/16/03	PROTOCOL:SW846/ ASP-B
CLIENT REP: Michael Perry	CUSTODY SEAL: ABSENT:	SHIPPING No.:
PROJECT: NYSDEC	CHAIN OF CUSTODY: PRESENT	SUMMARY PKG: Y__x__ N

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS	% SOLIDS	REMARKS SAMPLE CONDITION
695470	H104	WATER	8260	12/11/03	12/11/03			
695471	H119	WATER	8260	12/11/03	12/11/03			
695472	H113	WATER	8260	12/11/03	12/11/03			
695473	H114	WATER	8260	12/11/03	12/11/03			
695474	H102	WATER	8260	12/11/03	12/11/03			
695475	TRIP BLANK	WATER	8260	12/11/03	12/11/03			

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2003 SEAL OF EXCELLENCE PROGRAM Environmental

ORGANIC QUALIFIERS

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

* - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

Columbia Analytical Services, Inc.
An Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR #

CAS Contact

Project Name: NYSDEC	Project Number:
Project Manager: Todd Caffoe	Report CC:
Company/Address: 6274 East Avon-Lima Road, Avon, NY 14414	
Phone #: (585) 226-5350	FAX#: (585) 226-8696
Sampler's Signature: Todd M. Caffoe	Sampler's Printed Name: Todd Caffoe

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: HCl

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☒ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
SH80312211 - H104		12/11/03	1410	Groundwater	3								
" - H119		12/11/03	1345	"	3								
" - H113		"	1420	"	3								
" - H114		"	1310	"	3								
" - H102		"	1400	"	3								
Trip Blank					3								

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals Analysis for Halgenated VOCs low detection limits
Samples have high levels of BTEX & MTBE especially H102 & H113

CT
See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
R2318511
SUBMISSION #:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 5°C CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Todd M. Caffoe	Signature: Tracy Collier	Signature	Signature	Signature	Signature
Printed Name: Todd M. Caffoe	Printed Name: CTS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: NYSDEC	Firm	Firm	Firm	Firm	Firm
Date/Time: 12/11/03	Date/Time: 12/11/03 1535	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client DEC Submission Number 19511.

Cooler received on 12/11/03 by: BC COURIER: CAS UPS FEDEX CD&L (CLIENT)

1.	Were custody seals on outside of cooler?	YES	(NO)		
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO		
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO		
4.	Did any VOA vials have significant air bubbles?	YES	(NO)	N/A	
5.	Were **Ice** or **Ice packs** present?	(YES)	NO		
6.	Where did the bottles originate?	(CAS/ROC)	CLIENT		
7.	Temperature of cooler(s) upon receipt:	5°			
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 12/11/03 15:40

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 12/15/03 by: BC

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H_2SO_4

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals
☐ 3. Volatiles—(USEPA 624 GC/MS)
☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)
☐ 5. Cyanide
☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)
☐ 8. Aromatic Volatiles USEPA 602 GC)
☐ 12. TSS
☐ 10. pH
☐ 11. COD
☐ 15. Ammonia
☐ 13. Settleable Solids
☐ 14. TKN
☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite
☐ 17. Total Phosphorus
☐ 21. Total Phenols
☐ 19. Oil/Grease)
☐ 20. TOC
☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____
☐ 59. PCBs at 0.065 ug/l
☐ 64. Total Solids
☐ 62. CBOD
☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28
☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)
☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☒ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)
☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)
☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water
☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water
☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)
☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity
☐ 37. EP Toxicity (Metals Only)
☐ 38. Ignitability
☐ 39. Corrosivity
☐ 40. VOA—(USEPA 8260 GC/MS)
☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)
☐ 43. TCLP
☐ 44. TCLP (Metals Only)
☐ 45. Reactivity
☐ 46. Dioxin (USEPA 8280)
☐ 47. Appendix IX
☐ 48. Other _____
☐ 63 Percent Solids
☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
T Coffee	585-226-5350	

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Columbia	Monroe	12/11/03	1410

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
21H803	12311	1H10H	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals	☐ 3. Volatiles—(USEPA 624 GC/MS)	☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)	☐ 5. Cyanide	☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)	☐ 8. Aromatic Volatiles USEPA 602 GC)	☐ 12. TSS
☐ 10. pH	☐ 11. COD	☐ 15. Ammonia
☐ 13. Settleable Solids	☐ 14. TKN	☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite	☐ 17. Total Phosphorus	☐ 21. Total Phenols
☐ 19. Oil/Grease)	☐ 20. TOC	☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____	☐ 59. PCBs at 0.065 ug/l	☐ 64. Total Solids
	☐ 62. CBOD	☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28	☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)	☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☒ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)	☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)	☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water	☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water	☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)	☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____	

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity	☐ 37. EP Toxicity (Metals Only)	☐ 38. Ignitability
☐ 39. Corrosivity	☐ 40. VOA—(USEPA 8260 GC/MS)	☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)	☐ 43. TCLP	☐ 44. TCLP (Metals Only)
☐ 45. Reactivity	☐ 46. Dioxin (USEPA 8280)	☐ 47. Appendix IX
☐ 48. Other _____	☐ 63 Percent Solids	☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
I Coffee	585 226-5350	8

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Columbia	Monroe	12/11/03	1345

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
31818013	112121111	1 1H111 FA	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

8

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals	☐ 3. Volatiles—(USEPA 624 GC/MS)	☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)	☐ 5. Cyanide	☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)	☐ 8. Aromatic Volatiles USEPA 602 GC)	☐ 12. TSS
☐ 10. pH	☐ 11. COD	☐ 15. Ammonia
☐ 13. Settleable Solids	☐ 14. TKN	☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite	☐ 17. Total Phosphorus	☐ 21. Total Phenols
☐ 19. Oil/Grease)	☐ 20. TOC	☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other ________	☐ 59. PCBs at 0.065 ug/l	☐ 64. Total Solids
	☐ 62. CBOD	☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28	☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)	☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☒ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)	☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)	☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water	☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water	☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)	☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other ________	

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity	☐ 37. EP Toxicity (Metals Only)	☐ 38. Ignitability
☐ 39. Corrosivity	☐ 40. VOA—(USEPA 8260 GC/MS)	☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)	☐ 43. TCLP	☐ 44. TCLP (Metals Only)
☐ 45. Reactivity	☐ 46. Dioxin (USEPA 8280)	☐ 47. Appendix IX
☐ 48. Other ________	☐ 63 Percent Solids	☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other ________

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Todd Caffoe	585 226 5350	8

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Columbia	Monroe	12/11/03	1420

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other ________

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
H 8 0 3	[illegible]	H 1 1 1 B	☐ This sample	☐ Grab ☒ Composite ☐ Term ____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: ________ GPD ________ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals	☐ 3. Volatiles—(USEPA 624 GC/MS)	☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)	☐ 5. Cyanide	☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)	☐ 8. Aromatic Volatiles USEPA 602 GC)	☐ 12. TSS
☐ 10. pH	☐ 11. COD	☒ 15. Ammonia
☐ 13. Settleable Solids	☒ 14. TKN	☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite	☐ 17. Total Phosphorus	☐ 21. Total Phenols
☐ 19. Oil/Grease)	☐ 20. TOC	☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____	☐ 59. PCBs at 0.065 ug/l	☐ 64. Total Solids
	☐ 62. CBOD	☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28	☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)	☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☒ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)	☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)	☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water	☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water	☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)	☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____	

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 36. EP Toxicity	☐ 37. EP Toxicity (Metals Only)	☐ 38. Ignitability
☐ 39. Corrosivity	☐ 40. VOA—(USEPA 8260 GC/MS)	☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)	☐ 43. TCLP	☐ 44. TCLP (Metals Only)
☐ 45. Reactivity	☐ 46. Dioxin (USEPA 8280)	☐ 47. Appendix IX
☐ 48. Other _____	☐ 63 Percent Solids	☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☐ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
I Caffoe	585 226 5340	8

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Columbia	Monroe	12/11/03	1310

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SH 18103	12121 11	1 H1114	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

74-15-1 (9/97)—q

SEND THIS SHEET WITH SAMPLE TO CONTACT LAB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

Part 3

CAUTION (check if applicable)

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CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 2. 13PP Metals	☐ 3. Volatiles—(USEPA 624 GC/MS)	☐ 6. Pesticides/PCBs (USEPA 608-GC)
☐ 4. Acids Base/Neutrals (USEPA 624 GC/MS)	☐ 5. Cyanide	☐ 9. BOD
☐ 7. Halogenated Volatiles (USEPA 601 GC)	☐ 8. Aromatic Volatiles USEPA 602 GC)	☐ 12. TSS
☐ 10. pH	☒ 11. COD	☐ 15. Ammonia
☐ 13. Settleable Solids	☒ 14. TKN	☐ 18. Reactive Phosphorus
☐ 16. Nitrate/Nitrite	☐ 17. Total Phosphorus	☐ 21. Total Phenols
☐ 19. Oil/Grease)	☐ 20. TOC	☐ 60. PCBs congener method (ASP 91-11)
☐ 22. Other _____	☐ 59. PCBs at 0.065 ug/l	☒ 64. Total Solids
	☐ 62. CBOD	☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

☐ 23 (ALL)—Water—Includes 24-28	☐ 29. (ALL)—Soil/Sediments—Includes 30-34
☐ 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)	☐ 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)
☒ 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1)	☐ 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)
☐ 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)	☐ 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3)
☐ 27 Metals—23 in Water	☐ 33. Metals—23 in Soil/Sediments)
☐ 28 Cyanide—Water	☐ 34. Cyanide—Soil/Sediments)
☐ 66 Dioxin-Water (ASP #91-7)	☐ 67. Dioxin-Soil/Sediments (ASP #91-7)
☐ 35 Other _____	

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☒ 36. EP Toxicity	☐ 37. EP Toxicity (Metals Only)	☐ 38. Ignitability
☐ 39. Corrosivity	☐ 40. VOA—(USEPA 8260 GC/MS)	☐ 41. BNA—(USEPA 8270 GC/MS)
☐ 42. Pesticides/PCBs (USEPA 8081)	☐ 43. TCLP	☐ 44. TCLP (Metals Only)
☐ 45. Reactivity	☐ 46. Dioxin (USEPA 8280)	☐ 47. Appendix IX
☐ 48. Other _____	☐ 63 Percent Solids	☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 56. RS-01 ☒ 57. RS-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
T Coffee	585-226-5350	8

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Columbia	Monroe	12/11/03	1400

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
S1H503	12211	1H11D	☐ This sample	☒ Grab ☐ Composite ☐ Term _____ hours

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

11

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H104

Date Sampled : 12/11/03 14:10 **Order #:** 695470 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

DATE ANALYZED : 12/23/03
ANALYTICAL DILUTION: 2.50

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	50 U	UG/L
BENZENE	5.0	13 U	UG/L
BROMODICHLOROMETHANE	5.0	13 U	UG/L
BROMOFORM	5.0	13 U	UG/L
BROMOMETHANE	5.0	13 U	UG/L
2-BUTANONE (MEK)	10	25 U	UG/L
SEC-BUTYLBENZENE	5.0	13 U	UG/L
N-BUTYLBENZENE	5.0	13 U	UG/L
TERT-BUTYLBENZENE	5.0	13 U	UG/L
CARBON DISULFIDE	10	25 U	UG/L
CARBON TETRACHLORIDE	5.0	13 U	UG/L
CHLOROBENZENE	5.0	13 U	UG/L
CHLOROETHANE	5.0	13 U	UG/L
CHLOROFORM	5.0	13 U	UG/L
CHLOROMETHANE	5.0	13 U	UG/L
DIBROMOCHLOROMETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHANE	5.0	13 U	UG/L
1,2-DICHLOROETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHENE	5.0	13 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	20	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	13 U	UG/L
1,2-DICHLOROPROPANE	5.0	13 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	13 U	UG/L
ETHYLBENZENE	5.0	13 U	UG/L
2-HEXANONE	10	25 U	UG/L
ISOPROPYL BENZENE	5.0	13 U	UG/L
P-ISOPROPYLTOLUENE	5.0	13 U	UG/L
METHYLENE CHLORIDE	5.0	13 U	UG/L
NAPHTHALENE	5.0	13 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	25 U	UG/L
N-PROPYLBENZENE	5.0	2.7 J	UG/L
STYRENE	5.0	13 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	13 U	UG/L
TETRACHLOROETHENE	5.0	220	UG/L
TOLUENE	5.0	13 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	13 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	13 U	UG/L
TRICHLOROETHENE	5.0	13 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	6.3 J	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	21	UG/L
VINYL CHLORIDE	5.0	13 U	UG/L
O-XYLENE	5.0	13 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H104

Date Sampled : 12/11/03 14:10 **Order #:** 695470 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/23/03				
ANALYTICAL DILUTION: 2.50				
M+P-XYLENE		5.0	16	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(83 - 118 %)		100	%
TOLUENE-D8	(88 - 124 %)		107	%
DIBROMOFLUOROMETHANE	(87 - 115 %)		93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H119

Date Sampled : 12/11/03 13:45 **Order #:** 695471 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

DATE ANALYZED : 12/23/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	2.8 J	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	35	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H119

Date Sampled : 12/11/03 13:45 **Order #:** 695471 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/23/03				
ANALYTICAL DILUTION: 1.00				
M+P-XYLENE		5.0	5.0 U	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(83 - 118 %)		97	%
TOLUENE-D8	(88 - 124 %)		105	%
DIBROMOFLUOROMETHANE	(87 - 115 %)		93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H113

Date Sampled : 12/11/03 14:20 **Order #:** 695472 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

DATE ANALYZED : 12/24/03
ANALYTICAL DILUTION: 100.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	2000 U	UG/L
BENZENE	5.0	7700	UG/L
BROMODICHLOROMETHANE	5.0	500 U	UG/L
BROMOFORM	5.0	500 U	UG/L
BROMOMETHANE	5.0	500 U	UG/L
2-BUTANONE (MEK)	10	1000 U	UG/L
SEC-BUTYLBENZENE	5.0	500 U	UG/L
N-BUTYLBENZENE	5.0	500 U	UG/L
TERT-BUTYLBENZENE	5.0	500 U	UG/L
CARBON DISULFIDE	10	1000 U	UG/L
CARBON TETRACHLORIDE	5.0	500 U	UG/L
CHLOROBENZENE	5.0	500 U	UG/L
CHLOROETHANE	5.0	500 U	UG/L
CHLOROFORM	5.0	500 U	UG/L
CHLOROMETHANE	5.0	500 U	UG/L
DIBROMOCHLOROMETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHANE	5.0	500 U	UG/L
1,2-DICHLOROETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHENE	5.0	500 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	500 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	500 U	UG/L
1,2-DICHLOROPROPANE	5.0	500 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	500 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	500 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	15000	UG/L
ETHYLBENZENE	5.0	2100	UG/L
2-HEXANONE	10	1000 U	UG/L
ISOPROPYL BENZENE	5.0	500 U	UG/L
P-ISOPROPYLTOLUENE	5.0	500 U	UG/L
METHYLENE CHLORIDE	5.0	500 U	UG/L
NAPHTHALENE	5.0	240 J	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	1000 U	UG/L
N-PROPYLBENZENE	5.0	200 J	UG/L
STYRENE	5.0	500 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	500 U	UG/L
TETRACHLOROETHENE	5.0	500 U	UG/L
TOLUENE	5.0	18000 E	UG/L
1,1,1-TRICHLOROETHANE	5.0	500 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	500 U	UG/L
TRICHLOROETHENE	5.0	500 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	390 J	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1500	UG/L
VINYL CHLORIDE	5.0	500 U	UG/L
O-XYLENE	5.0	2700	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H113

Date Sampled : 12/11/03 14:20 **Order #:** 695472 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 100.00			
M+P-XYLENE	5.0	6500	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	98	%
TOLUENE-D8	(88 - 124 %)	107	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H113

Date Sampled : 12/11/03 14:20 **Order #:** 695472 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

DATE ANALYZED : 12/24/03
ANALYTICAL DILUTION: 10.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	200 U	UG/L
BENZENE	5.0	7400 E	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
SEC-BUTYLBENZENE	5.0	50 U	UG/L
N-BUTYLBENZENE	5.0	17 J	UG/L
TERT-BUTYLBENZENE	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	91	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	14000 E	UG/L
ETHYLBENZENE	5.0	2100 E	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYL BENZENE	5.0	66	UG/L
P-ISOPROPYLTOLUENE	5.0	50 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
NAPHTHALENE	5.0	210	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
N-PROPYLBENZENE	5.0	210	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	15 J	UG/L
TOLUENE	5.0	13000 X	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	440	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1600 E	UG/L
VINYL CHLORIDE	5.0	38 J	UG/L
O-XYLENE	5.0	2800 E	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H113

Date Sampled : 12/11/03 14:20 **Order #:** 695472 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 10.00			
M+P-XYLENE	5.0	6200 E	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	93	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H114

Date Sampled : 12/11/03 13:10 **Order #:** 695473 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

DATE ANALYZED : 12/23/03
ANALYTICAL DILUTION: 5.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	100 U	UG/L
BENZENE	5.0	200	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
SEC-BUTYLBENZENE	5.0	25 U	UG/L
N-BUTYLBENZENE	5.0	25 U	UG/L
TERT-BUTYLBENZENE	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	5.1 J	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	13 J	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	550	UG/L
ETHYLBENZENE	5.0	25 U	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYL BENZENE	5.0	25 U	UG/L
P-ISOPROPYLTOLUENE	5.0	25 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
NAPHTHALENE	5.0	5.0 J	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
N-PROPYLBENZENE	5.0	25 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	260	UG/L
TOLUENE	5.0	130	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	21 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	14 J	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	50	UG/L
VINYL CHLORIDE	5.0	25 U	UG/L
O-XYLENE	5.0	150	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H114

Date Sampled : 12/11/03 13:10 **Order #:** 695473 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/23/03			
ANALYTICAL DILUTION: 5.00			
M+P-XYLENE	5.0	180	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	99	%
TOLUENE-D8	(88 - 124 %)	105	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	96	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H102

Date Sampled : 12/11/03 14:00 **Order #:** 695474 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 100.00			
ACETONE	20	2000 U	UG/L
BENZENE	5.0	12000	UG/L
BROMODICHLOROMETHANE	5.0	500 U	UG/L
BROMOFORM	5.0	500 U	UG/L
BROMOMETHANE	5.0	500 U	UG/L
2-BUTANONE (MEK)	10	1000 U	UG/L
SEC-BUTYLBENZENE	5.0	500 U	UG/L
N-BUTYLBENZENE	5.0	500 U	UG/L
TERT-BUTYLBENZENE	5.0	500 U	UG/L
CARBON DISULFIDE	10	1000 U	UG/L
CARBON TETRACHLORIDE	5.0	500 U	UG/L
CHLOROBENZENE	5.0	500 U	UG/L
CHLOROETHANE	5.0	500 U	UG/L
CHLOROFORM	5.0	500 U	UG/L
CHLOROMETHANE	5.0	500 U	UG/L
DIBROMOCHLOROMETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHANE	5.0	500 U	UG/L
1,2-DICHLOROETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHENE	5.0	500 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	500 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	500 U	UG/L
1,2-DICHLOROPROPANE	5.0	500 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	500 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	500 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	150000 E	UG/L
ETHYLBENZENE	5.0	2300	UG/L
2-HEXANONE	10	1000 U	UG/L
ISOPROPYL BENZENE	5.0	500 U	UG/L
P-ISOPROPYLTOLUENE	5.0	500 U	UG/L
METHYLENE CHLORIDE	5.0	500 U	UG/L
NAPHTHALENE	5.0	320 J	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	1000 U	UG/L
N-PROPYLBENZENE	5.0	160 J	UG/L
STYRENE	5.0	500 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	500 U	UG/L
TETRACHLOROETHENE	5.0	500 U	UG/L
TOLUENE	5.0	28000 E	UG/L
1,1,1-TRICHLOROETHANE	5.0	500 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	500 U	UG/L
TRICHLOROETHENE	5.0	500 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	410 J	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1600	UG/L
VINYL CHLORIDE	5.0	500 U	UG/L
O-XYLENE	5.0	3800	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H102

Date Sampled : 12/11/03 14:00 **Order #:** 695474 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 100.00			
M+P-XYLENE	5.0	8200	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	98	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H102

Date Sampled : 12/11/03 14:00 **Order #:** 695474 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 10.00			
ACETONE	20	400	UG/L
BENZENE	5.0	10000 E	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
SEC-BUTYLBENZENE	5.0	50 U	UG/L
N-BUTYLBENZENE	5.0	13 J	UG/L
TERT-BUTYLBENZENE	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	14 J	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	61000 X	UG/L
ETHYLBENZENE	5.0	2500 E	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYL BENZENE	5.0	64	UG/L
P-ISOPROPYLTOLUENE	5.0	50 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
NAPHTHALENE	5.0	290	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	40 J	UG/L
N-PROPYLBENZENE	5.0	180	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	16000 X	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	460	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1800 E	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L
O-XYLENE	5.0	3900 E	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : H102

Date Sampled : 12/11/03 14:00 **Order #:** 695474 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 10.00			
M+P-XYLENE	5.0	8000 E	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	98	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	95	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : TRIP BLANK

Date Sampled : 12/11/03 : **Order #:** 695475 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

DATE ANALYZED : 12/23/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

NYS DEC - Region 8
Project Reference: NYSDEC
Client Sample ID : TRIP BLANK

Date Sampled : 12/11/03 : **Order #:** 695475 **Sample Matrix:** WATER
Date Received: 12/11/03 **Submission #:** R2319511 **Analytical Run** 99201

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/23/03				
ANALYTICAL DILUTION: 1.00				
M+P-XYLENE		5.0	5.0 U	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(83 - 118 %)		100	%
TOLUENE-D8	(88 - 124 %)		106	%
DIBROMOFLUOROMETHANE	(87 - 115 %)		98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 699199 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 99201

DATE ANALYZED : 12/23/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 699199 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/23/03			
ANALYTICAL DILUTION: 1.00			
SURROGATE RECOVERIES	**QC LIMITS**		
4-BROMOFLUOROBENZENE	(83 - 118 %)	96	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 699206 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 99201

DATE ANALYZED : 12/24/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 699206 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 99201

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/24/03			
ANALYTICAL DILUTION: 1.00			
SURROGATE RECOVERIES	**QC LIMITS**		
4-BROMOFLUOROBENZENE	(83 - 118 %)	95	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	91	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

WATER

Spiked Order No. : 695473 NYS DEC - Region 8

Client ID: H114

Test: 8260B TCL/TANK

Analytical Units: UG/L

Run Number : 99201

	SPIKE		MATRIX SPIKE		MATRIX SPIKE DUP.			QC LIMITS	
ANALYTE	ADDED	CONCENT. SAMPLE	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
BENZENE	250	200	460	104	460	104	0	11	62 - 122
CHLOROBENZENE	250	0	250	100	250	100	0	13	70 - 130
1,1-DICHLOROETHENE	250	0	250	100	250	100	0	14	68 - 114
TOLUENE	250	130	390	104	380	100	3	13	70 - 130
TRICHLOROETHENE	250	21.0	260	96	260	96	0	14	68 - 114

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 699200 ANALYTICAL RUN # : 99201

DATE ANALYZED : 12/23/2003
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	119	50 - 150
BENZENE	20.0	102	70 - 130
BROMODICHLOROMETHANE	20.0	102	70 - 130
BROMOFORM	20.0	105	70 - 130
BROMOMETHANE	20.0	111	50 - 150
2-BUTANONE (MEK)	20.0	92	50 - 150
SEC-BUTYLBENZENE	20.0	100	70 - 130
N-BUTYLBENZENE	20.0	101	70 - 130
TERT-BUTYLBENZENE	20.0	108	70 - 130
CARBON DISULFIDE	20.0	95	70 - 130
CARBON TETRACHLORIDE	20.0	95	70 - 130
CHLOROBENZENE	20.0	107	70 - 130
CHLOROETHANE	20.0	91	70 - 130
CHLOROFORM	20.0	93	70 - 130
CHLOROMETHANE	20.0	100	70 - 130
DIBROMOCHLOROMETHANE	20.0	103	70 - 130
1,1-DICHLOROETHANE	20.0	95	70 - 130
1,2-DICHLOROETHANE	20.0	103	70 - 130
1,1-DICHLOROETHENE	20.0	97	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	102	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	91	70 - 130
1,2-DICHLOROPROPANE	20.0	102	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	106	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	97	50 - 150
ETHYLBENZENE	20.0	108	70 - 130
2-HEXANONE	20.0	97	70 - 130
ISOPROPYL BENZENE	20.0	104	70 - 130
P-ISOPROPYLTOLUENE	20.0	106	70 - 130
METHYLENE CHLORIDE	20.0	103	70 - 130
NAPHTHALENE	20.0	104	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20.0	97	70 - 130
N-PROPYLBENZENE	20.0	108	70 - 130
STYRENE	20.0	100	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	98	70 - 130
TETRACHLOROETHENE	20.0	103	70 - 130
TOLUENE	20.0	110	70 - 130
1,1,1-TRICHLOROETHANE	20.0	92	70 - 130
1,1,2-TRICHLOROETHANE	20.0	102	70 - 130
TRICHLOROETHENE	20.0	97	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	113	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 699200 ANALYTICAL RUN # : 99201

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/23/2003			
ANALYTICAL DILUTION: 1.0			
1,2,4-TRIMETHYLBENZENE	20.0	111	70 - 130
VINYL CHLORIDE	20.0	99	70 - 130
O-XYLENE	20.0	101	70 - 130
M+P-XYLENE	40.0	109	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 699207 ANALYTICAL RUN # : 99201

DATE ANALYZED : 12/24/2003
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	108	50 - 150
BENZENE	20.0	99	70 - 130
BROMODICHLOROMETHANE	20.0	100	70 - 130
BROMOFORM	20.0	97	70 - 130
BROMOMETHANE	20.0	109	50 - 150
2-BUTANONE (MEK)	20.0	87	50 - 150
SEC-BUTYLBENZENE	20.0	104	70 - 130
N-BUTYLBENZENE	20.0	99	70 - 130
TERT-BUTYLBENZENE	20.0	109	70 - 130
CARBON DISULFIDE	20.0	93	70 - 130
CARBON TETRACHLORIDE	20.0	90	70 - 130
CHLOROBENZENE	20.0	105	70 - 130
CHLOROETHANE	20.0	88	70 - 130
CHLOROFORM	20.0	94	70 - 130
CHLOROMETHANE	20.0	97	70 - 130
DIBROMOCHLOROMETHANE	20.0	101	70 - 130
1,1-DICHLOROETHANE	20.0	95	70 - 130
1,2-DICHLOROETHANE	20.0	89	70 - 130
1,1-DICHLOROETHENE	20.0	97	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	98	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	95	70 - 130
1,2-DICHLOROPROPANE	20.0	99	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	94	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	104	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	95	50 - 150
ETHYLBENZENE	20.0	105	70 - 130
2-HEXANONE	20.0	89	70 - 130
ISOPROPYL BENZENE	20.0	102	70 - 130
P-ISOPROPYLTOLUENE	20.0	109	70 - 130
METHYLENE CHLORIDE	20.0	100	70 - 130
NAPHTHALENE	20.0	97	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20.0	90	70 - 130
N-PROPYLBENZENE	20.0	110	70 - 130
STYRENE	20.0	102	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	98	70 - 130
TETRACHLOROETHENE	20.0	101	70 - 130
TOLUENE	20.0	106	70 - 130
1,1,1-TRICHLOROETHANE	20.0	93	70 - 130
1,1,2-TRICHLOROETHANE	20.0	100	70 - 130
TRICHLOROETHENE	20.0	100	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	110	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 699207 ANALYTICAL RUN # : 99201

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/24/2003			
ANALYTICAL DILUTION: 1.0			
1,2,4-TRIMETHYLBENZENE	20.0	110	70 - 130
VINYL CHLORIDE	20.0	95	70 - 130
O-XYLENE	20.0	106	70 - 130
M+P-XYLENE	40.0	109	70 - 130

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Haley & Aldrich

Client Job Site:	Citgo Brighton, NY	**Lab Project Number:**	03-3208
		Lab Sample Number:	10527
Client Job Number:	30481-000		
Field Location:	HA-104	**Date Sampled:**	11/24/2003
Field ID Number:	N/A	**Date Received:**	11/24/2003
Sample Type:	Water	**Date Analyzed:**	11/25/2003

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0
Bromomethane	ND< 20.0
Bromoform	ND< 20.0
Carbon Tetrachloride	ND< 20.0
Chloroethane	ND< 20.0
Chloromethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 20.0
Chloroform	ND< 20.0
Dibromochloromethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0
1,2-Dichloroethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0
cis-1,2-Dichloroethene	21.9
trans-1,2-Dichloroethene	ND< 20.0
1,2-Dichloropropane	ND< 20.0
cis-1,3-Dichloropropene	ND< 20.0
trans-1,3-Dichloropropene	ND< 20.0
Methylene chloride	ND< 50.0
1,1,2,2-Tetrachloroethane	ND< 20.0
Tetrachloroethene	248
1,1,1-Trichloroethane	ND< 20.0
1,1,2-Trichloroethane	ND< 20.0
Trichloroethene	ND< 20.0
Trichlorofluoromethane	ND< 20.0
Vinyl chloride	ND< 20.0

Aromatics	Results in ug / L
Benzene	220
Chlorobenzene	ND< 20.0
Ethylbenzene	324
Toluene	1,360
m,p-Xylene	1,320
o-Xylene	452
Styrene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0
1,3-Dichlorobenzene	ND< 20.0
1,4-Dichlorobenzene	ND< 20.0

Ketones	Results in ug / L
Acetone	ND< 100
2-Butanone	ND< 50.0
2-Hexanone	ND< 50.0
4-Methyl-2-pentanone	ND< 50.0

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 50.0
Vinyl acetate	ND< 50.0

ELAP Number 10958 Method: EPA 8260B Data File: 17746.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 033208V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

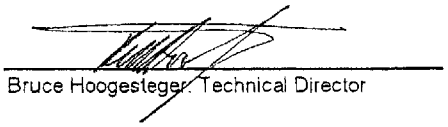
Client: Haley & Aldrich

Client Job Site:	Citgo Brighton, NY	Lab Project Number:	03-3208
		Lab Sample Number:	10527
Client Job Number:	30481-000		
Field Location:	HA-104	Date Sampled:	11/24/2003
Field ID Number:	N/A	Date Received:	11/24/2003
Sample Type:	Water	Date Analyzed:	11/25/2003

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 20.0	1,2,4-Trimethylbenzene	400
sec-Butylbenzene	ND< 20.0	1,3,5-Trimethylbenzene	119
tert-Butylbenzene	ND< 20.0		
n-Propylbenzene	60.7	**Miscellaneous**	
Isopropylbenzene	ND< 20.0	Methyl tert-butyl Ether	1,110
p-Isopropyltoluene	ND< 20.0		
Naphthalene	ND< 50.0		

ELAP Number 10958 Method: EPA 8260B Data File: 17746.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID. 033208V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Haley & Aldrich

Client Job Site:	Citgo Brighton, NY	Lab Project Number:	03-3208
		Lab Sample Number:	10528
Client Job Number:	30481-000		
Field Location:	HA-114	Date Sampled:	11/24/2003
Field ID Number:	N/A	Date Received:	11/24/2003
Sample Type:	Water	Date Analyzed:	11/25/2003

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0
Bromomethane	ND< 20.0
Bromoform	ND< 20.0
Carbon Tetrachloride	ND< 20.0
Chloroethane	ND< 20.0
Chloromethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 20.0
Chloroform	ND< 20.0
Dibromochloromethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0
1,2-Dichloroethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0
cis-1,2-Dichloroethene	20.2
trans-1,2-Dichloroethene	ND< 20.0
1,2-Dichloropropane	ND< 20.0
cis-1,3-Dichloropropene	ND< 20.0
trans-1,3-Dichloropropene	ND< 20.0
Methylene chloride	ND< 50.0
1,1,2,2-Tetrachloroethane	ND< 20.0
Tetrachloroethene	436
1,1,1-Trichloroethane	ND< 20.0
1,1,2-Trichloroethane	ND< 20.0
Trichloroethene	33.8
Trichlorofluoromethane	ND< 20.0
Vinyl chloride	ND< 20.0

Aromatics	Results in ug / L
Benzene	169
Chlorobenzene	ND< 20.0
Ethylbenzene	ND< 20.0
Toluene	207
m,p-Xylene	213
o-Xylene	136
Styrene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0
1,3-Dichlorobenzene	ND< 20.0
1,4-Dichlorobenzene	ND< 20.0

Ketones	Results in ug / L
Acetone	ND< 100
2-Butanone	ND< 50.0
2-Hexanone	ND< 50.0
4-Methyl-2-pentanone	ND< 50.0

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 50.0
Vinyl acetate	ND< 50.0

ELAP Number 10958 Method: EPA 8260B Data File: 17747.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 033208V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Haley & Aldrich

Client Job Site:	Citgo Brighton, NY	**Lab Project Number:**	03-3208
		Lab Sample Number:	10528
Client Job Number:	30481-000		
Field Location:	HA-114	**Date Sampled:**	11/24/2003
Field ID Number:	N/A	**Date Received:**	11/24/2003
Sample Type:	Water	**Date Analyzed:**	11/25/2003

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 20.0	1,2,4-Trimethylbenzene	27.2
sec-Butylbenzene	ND< 20.0	1,3,5-Trimethylbenzene	ND< 20.0
tert-Butylbenzene	ND< 20.0		
n-Propylbenzene	ND< 20.0	**Miscellaneous**	
Isopropylbenzene	ND< 20.0	Methyl tert-butyl Ether	131
p-Isopropyltoluene	ND< 20.0		
Naphthalene	ND< 50 0		

ELAP Number 10958 Method: EPA 8260B Data File: 17747.D

Comments ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 033208V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Haley & Aldrich

Client Job Site:	Citgo Brighton, NY	Lab Project Number:	03-3208
		Lab Sample Number:	10533
Client Job Number:	30481-000		
Field Location:	HA-111	Date Sampled:	11/24/2003
Field ID Number:	N/A	Date Received:	11/24/2003
Sample Type:	Water	Date Analyzed:	11/25/2003

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 50.0
Bromomethane	ND< 50.0
Bromoform	ND< 50.0
Carbon Tetrachloride	ND< 50.0
Chloroethane	ND< 50.0
Chloromethane	ND< 50.0
2-Chloroethyl vinyl Ether	ND< 50.0
Chloroform	ND< 50.0
Dibromochloromethane	ND< 50.0
1,1-Dichloroethane	ND< 50.0
1,2-Dichloroethane	ND< 50.0
1,1-Dichloroethene	ND< 50.0
cis-1,2-Dichloroethene	ND< 50.0
trans-1,2-Dichloroethene	ND< 50.0
1,2-Dichloropropane	ND< 50.0
cis-1,3-Dichloropropene	ND< 50.0
trans-1,3-Dichloropropene	ND< 50.0
Methylene chloride	ND< 125
1,1,2,2-Tetrachloroethane	ND< 50 0
Tetrachloroethene	668
1,1,1-Trichloroethane	ND< 50.0
1,1,2-Trichloroethane	ND< 50.0
Trichloroethene	ND< 50 0
Trichlorofluoromethane	ND< 50.0
Vinyl chloride	ND< 50.0

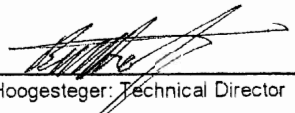
Aromatics	Results in ug / L
Benzene	254
Chlorobenzene	ND< 50.0
Ethylbenzene	1,360
Toluene	6,390
m,p-Xylene	6,180
o-Xylene	2,240
Styrene	ND< 50.0
1,2-Dichlorobenzene	ND< 50 0
1,3-Dichlorobenzene	ND< 50.0
1,4-Dichlorobenzene	ND< 50.0

Ketones	Results in ug / L
Acetone	ND< 250
2-Butanone	ND< 125
2-Hexanone	ND< 125
4-Methyl-2-pentanone	ND< 125

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 125
Vinyl acetate	ND< 125

ELAP Number 10958 Method: EPA 8260B Data File: 17752.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 033208V8.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Haley & Aldrich

Client Job Site:	Citgo Brighton, NY	**Lab Project Number:**	03-3208
		Lab Sample Number:	10533
Client Job Number:	30481-000		
Field Location:	HA-111	**Date Sampled:**	11/24/2003
Field ID Number:	N/A	**Date Received:**	11/24/2003
Sample Type:	Water	**Date Analyzed:**	11/25/2003

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 50.0	1,2,4-Trimethylbenzene	1,610
sec-Butylbenzene	ND< 50.0	1,3,5-Trimethylbenzene	472
tert-Butylbenzene	ND< 50.0		
n-Propylbenzene	263	**Miscellaneous**	
Isopropylbenzene	78.3	Methyl tert-butyl Ether	ND< 50.0
p-Isopropyltoluene	ND< 50.0		
Naphthalene	212		

ELAP Number 10958 Method: EPA 8260B Data File: 17752.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 033208V8.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Haley & Aldrich

Client Job Site:	Newcomb Oil	**Lab Project Number:**	03-2870
		Lab Sample Number:	9455
Client Job Number:	30481-000		
Field Location:	HA-111	**Date Sampled:**	10/22/2003
Field ID Number:	N/A	**Date Received:**	10/22/2003
Sample Type:	Water	**Date Analyzed:**	10/23/2003

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100
Bromomethane	ND< 100
Bromoform	ND< 100
Carbon Tetrachloride	ND< 100
Chloroethane	ND< 100
Chloromethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 100
Chloroform	ND< 100
Dibromochloromethane	ND< 100
1,1-Dichloroethane	ND< 100
1,2-Dichloroethane	ND< 100
1,1-Dichloroethene	ND< 100
cis-1,2-Dichloroethene	ND< 100
trans-1,2-Dichloroethene	ND< 100
1,2-Dichloropropane	ND< 100
cis-1,3-Dichloropropene	ND< 100
trans-1,3-Dichloropropene	ND< 100
Methylene chloride	ND< 250
1,1,2,2-Tetrachloroethane	ND< 100
Tetrachloroethene	781
1,1,1-Trichloroethane	ND< 100
1,1,2-Trichloroethane	ND< 100
Trichloroethene	ND< 100
Trichlorofluoromethane	ND< 100
Vinyl chloride	ND< 100

Aromatics	Results in ug / L
Benzene	603
Chlorobenzene	ND< 100
Ethylbenzene	172
Toluene	2,350
m,p-Xylene	804
o-Xylene	338
Styrene	ND< 100
1,2-Dichlorobenzene	ND< 100
1,3-Dichlorobenzene	ND< 100
1,4-Dichlorobenzene	ND< 100

Ketones	Results in ug / L
Acetone	ND< 500
2-Butanone	ND< 250
2-Hexanone	ND< 250
4-Methyl-2-pentanone	ND< 250

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 250
Vinyl acetate	ND< 250

ELAP Number 10958 Method: EPA 8260B Data File: 16825.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogestegel, Technical Director

Chain of Custody provides additional sample information

File ID: 032870v8.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Haley & Aldrich

Client Job Site:	Newcomb Oil	**Lab Project Number:**	03-2870
		Lab Sample Number:	9455
Client Job Number:	30481-000		
Field Location:	HA-111	**Date Sampled:**	10/22/2003
Field ID Number:	N/A	**Date Received:**	10/22/2003
Sample Type:	Water	**Date Analyzed:**	10/23/2003

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 100	1,2,4-Trimethylbenzene	242
sec-Butylbenzene	ND< 100	1,3,5-Trimethylbenzene	ND< 100
tert-Butylbenzene	ND< 100		
n-Propylbenzene	ND< 100	**Miscellaneous**	
Isopropylbenzene	ND< 100	Methyl tert-butyl Ether	4,990
p-Isopropyltoluene	ND< 100		
Naphthalene	ND< 250		

ELAP Number 10958 Method: EPA 8260B Data File: 16825.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 032870V8.XLS

Appendix 2

NYSDEC Air Sample Results and Sample Location Map


Continent
Hampshire Drive
Irving Road
Monroe Ave
Brooklawn Drive
Orchard Drive
Sunset Drive
HA-116
HA-107
HA-109
B112
HA-105
B108
HA-106
HA-115
HA-113
HA-110
HA-101
CVS
CITGO
TANKPIT
HA-103
HA-102
A-1
2124-U-1, 2124-U-2
HA-114
2128-U-1, 2128-U-2
HA-104
HA-111
BROOK-103
2111-1, 2111-2
2130-1, 2130-2
2113-1, 2113-2
HA-108
40-1,40-2
HA-112
MONROE-101
MONROE-102
BROOK-101
BROOK-102
DEC1
DEC2
B103
B104
B107
B105
B106
B109
B110
0 30 60 120 180 240
Feet

Indoor Air Sample Results
Brighton Citgo/Carriage Cleaners
Monroe Avenue, Brighton, NY

Compound	2130-2-1		2130-2-1DL		2130-2-2		2128-U-1		2128-U-1DL		2128-U-2	
	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3
dichlorodifluoromethane	5 U		25 U		0.59	3	2 U		5 U		0 57	2.9
chloromethane	5 U		25 U		0.64	1 3	2 U		5 U		0 73	1.6
trichlorofluoromethane	5.8	33	25 U		0.5 U		2 U		5 U		0.5 U	
methylene chloride	5 U		25 U		0 5 U		2 U		5 U		0 5 U	
chloroform	5 U		25 U		0 5 U		2.2	11	5 U		0.5 U	
benzene	13	41	25 U		0 51	1.6	2 U		5 U		0.5 U	
trichloroethene	5 U		25 U		0.5 U		7.9	42	9 D	48	0.5 U	
toluene	41	150	30 D	110 D	1.3	4.8	2.9	11	5 U		0.55	2
tetrachloroethene	980 E	33000 E	620 D	4200 D	0.5 U		290 E	1900 E	300 D	2000 D	1 1	7 4
ethylbenzene	5.2	23	25 U		0.5 U		2 U		5 U		0 5 U	
xylene (m,p)	18	78	25 U		0.5	2.2	2 U		5 U		0.5 U	
o-xylene	5.9	26	25 U		0.5 U		2 U		5 U		0.5 U	
acetone	52	125	250 U		5 U		20 U		50 U		5 U	
cyclohexane	35	121	45 D	150 D	0.5 U		5.3	18	9.6 D	33 D	0.5 U	
2,2,4-trimethylpentane	5 U	24 U	320 DX	1500 DX	0.5 U		12	56	13 D	61 D	0.5 U	
n-hexane	43	152	41 D	140 D	0.5 U		8.6	30	11 D	39 D	0.5 U	
n-heptane	39	160	84 D	350 D	0.5 U		6.8	28	5 U		0 5 U	
1,2-dichloroethene (total)	5 U	20 U	25 U		0 5 U		2 U		5 U		0 5 U	
xylene (total)	25	108	25 U		0.51	2.2	2 U		5 U		0.5 U	

U = Compound not detected
E = Exceed calibration range
D or DL = Dilution

Sample Date. January 20, 2004 by NYSDEC and MCHD.
Samples Analyzed by Severn-Trent Laboratories, Burlington, VT

Indoor Air Sample Results
Brighton Citgo/Carriage Cleaners
Monroe Avenue, Brighton, NY

Compound	2124-U-1		2124-U-1DL		2124-U-2		A-1		2113-1		2113-2	
	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3
dichlorodifluoromethane	50 U		620 U		0.64	3.2	0.62	3.1	0.59	2.9	0.59	2.9
chloromethane	50 U		620 U		0.5 U		0.5 U		1.2	2.5	0.5 U	
vinyl chloride	190	490	620 U		0.5 U		0.5 U		0.5 U		0.5 U	
trichlorofluoromethane	50 U		620 U		0.5 U		0.5 U		0.5 U		0.5 U	
methylene chloride	50 U		620 U		1	3.5	0.5 U		0.5 U		0.5 U	
chloroform	50 U		620 U		0.5 U		0.5 U		0.5 U		0.5 U	
cis-1,2-dichloroethene	150	610	620 U		0.5 U		0.5 U		0.5 U		0.5 U	
1,1,1-trichloroethane	200	1100	620 U		0.5 U		0.5 U		0.5 U		0.5 U	
benzene	4800 E	15300 E	6600 D	21000 D	1.5	4.8	0.5 U		0.5 U		0.5 U	
trichloroethene	1000	5400	1700 D	9100 D	0.5 U		0.5 U		0.5 U		0.66	3.5
toluene	2100	7800	3500 D	13000 D	1.4	5.3	0.5 U		0.88	3.3	1.4	5.3
tetrachloroethene	4900 E	33000 E	6400 D	43000 D	3.8	26	0.5 U		2	14	6	41
ethylbenzene	50 U		620 U		0.5 U		0.5 U		0.5 U		0.5 U	
xylene (m,p)	50	220	620 U		0.5 U		0.5 U		0.5 U		0.5 U	
o-xylene	50 U		620 U		0.5 U		0.5 U		0.5 U		0.5 U	
acetone	500 U		6200 U		5	12	5 U		5 U		5 U	
cyclohexane	18000 E	62000 E	46000 D	160000 D	10	34	0.5 U		0.89	3.1	0.5 U	
2,2,4-trimethylpentane	8500 E	40000 E	14000 D	65000 D	3.2	15	0.5 U		1.1	5.1	1.9	8.9
n-hexane	21000 E	74000 E	45000 D	160000 D	9.9	35	0.5 U		0.81	2.9	0.5 U	
n-heptane	1800	7400	2100 D	8600 D	0.6	2.5	0.5 U		0.5 U		0.5 U	
1,2-dichloroethene (total)	160	630	620 U		0.5 U		0.5 U		0.5 U		0.5 U	
xylene (total)	51	220	620 U		0.5 U		0.5 U		0.5 U		0.5 U	

U = Compound not detected
E = Exceed calibration range
D or DL = Dilution

Sample Date: January 20, 2004 by NYSDEC and MCHD.
Samples Analyzed by Severn-Trent Laboratories, Burlington, VT.

Indoor Air Sample Results
Brighton Citgo/Carriage Cleaners
Monroe Avenue, Brighton, NY

Compound	40-1		40-2		2111-1		2111-1DL		2111-2		2111-2DL	
	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3
dichlorodifluoromethane	1.1	5.4	1.3	6 4	250 U		5000 U		2 U		5 U	
chloromethane	0.5 U		0.74	1.5	250 U		5000 U		2 U		5 U	
vinyl chloride	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
trichlorofluoromethane	0.5 U		0.62	3 5	250 U		5000 U		2 U		5 U	
methylene chloride	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
chloroform	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
cis-1,2-dichloroethene	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
1,1,1-trichloroethane	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
benzene	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
trichloroethene	0.5 U		0.5 U		520	2800	5000 U		3.5	19	5 U	
toluene	0.5 U		0.88	3.3	400	1500	5000 U		2 U		5 U	
tetrachloroethene	0.5 U		0.5 U		22000 E	150000 E	21000 D	140000 D	72	490	74 D	500 D
ethylbenzene	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
xylene (m,p)	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
o-xylene	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
acetone	5 U		5 U		2500 U		50000 U		20 U		50 U	
cyclohexane	0.5 U		0.5 U		14000	48000	18000 D	62000 D	100	340	95 D	330 D
2,2,4-trimethylpentane	0.5 U		0 5 U		140000 E	650000 E	210000 D	980000 D	220 E	1000 E	230 D	1100 D
n-hexane	0.5 U		0.5 U		2800	9900	5000 U		62	220	61 D	210 D
n-heptane	0.5 U		0.5 U		250 U		7600 D	31000 D	11	45	11 D	45 D
1,2-dichloroethene (total)	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	
xylene (total)	0.5 U		0.5 U		250 U		5000 U		2 U		5 U	

U = Compound not detected
E = Exceed calibration range
D or DL = Dilution

Sample Date: January 20, 2004 by NYSDEC and MCHD.
Samples Analyzed by Severn-Trent Laboratories, Burlington, VT

Appendix 3

Boring Logs

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** **SB-1** SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. BORING LOCATION 8-ft East & 6-ft North of Dry Cleaner Bldg. Inside Corner.

DRILLER Jeff Schweitzer GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE C. A. Stiles START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOD Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	SAMPLE STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
0	0 - 4	S-1	38	0.0'	Dark brown SILT, little(+) f Sand, organic material (roots, root traces and humus), damp, no odors. **TOPSOIL**	TOC	0		0.0
1							1	damp	
				0.5'	Brown SILT to Clayey Silt, little f Sand, trace m subrounded Gravel, damp, no odors. **GLACIAL TILL**				0.3
2							2	damp	
3							3		0.2
4							4		0.3
5	4 - 8	S-2	32	4.0'	As above . . . . Grading To . . . . Brown mf(+) SAND and Clayey SILT, little cmf subrounded Gravel, wet, no odors.		5	damp	1.9
6							6		6.5
7							7	wet	
8							8		
9	8 - 12	S-3	22	8.0'	Brown mf(+) SAND and Clayey SILT, trace(+) f subrounded Gravel, wet, no odors.		9	wet	34.5
				8.9'	Brownish-gray cmf SAND and cmf angular to subrounded GRAVEL, little Clayey Silt, saturated, slight petroleum odor. **WEATHERED BEDROCK**			saturated	
10							10		
11							11		
12					**REFUSAL @ 10.5-ft.**		12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

Well CCMW-1 completed within this borehole with 5-ft. screen & ~6.5-ft riser set to 10.5-ft. Sandpack to 4.5-ft below ground surface. Bentonite pellets to ground surface. Locking J-Plug without protective casing installed.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** **SB-2** SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 23.5-ft East & 5.75-ft North of Dry Cleaner Bldg. Inside Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	34	0.0'	Dark brown Clayey SILT, little(+) f Sand, trace(-) f Gravel, organic material			damp	0.0
1					(roots, root traces and humus), damp, no odors. **TOPSOIL**		1		
				0.5'	Brown Clayey SILT, little(+) f Sand, trace(-) f Gravel, damp, no odors.				
2					**FILL MATERIAL**		2	slightly moist	
				2.0'	Black f angular GRAVEL and c SAND, slightly moist, no odors.			damp	0.0
3				2.1'	Brown Clayey SILT, and f SAND, little(-) mf subrounded Gravel, damp,		3		
					no odors. **GLACIAL TILL**				
4							4		
	4 - 8	S-2	18	4.0'	Brown mf(+) SAND, some(+) Clayey Silt, little(+) mf angular to subrounded			wet	0.4
5					Gravel, wet, no odors.		5		
6							6		0.4
7							7		
8							8		
	8 - 12	S-3	25	8.0'	Brown Clayey SILT and f SAND, little mf subangular to subrounded Gravel,			wet	1.9
9					wet, no odors.		9		
				9.3'	Grayish-brown mf SAND some Clayey SILT, some mf angular to sub-			saturated	
10					angular Gravel, saturated, petroleum odor. **WEATHERED BEDROCK**		10		9.5
11							11		
12					**REFUSAL @ 10.5-ft.**		12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-3 SHEE 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 23-ft West & 6-ft North of Dry Cleaner Bldg. Back NE Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	42	0.0'	Dark brown f SAND and SILT, little(-) f subrounded Gravel, organic material			moist	0.0
1					(roots, root traces and humus), moist to damp, no odors. **TOPSOIL**		1	damp	
				0.5'	Dark brown Clayey SILT, little(+) f Sand, trace f Gravel, damp, no odors.			damp	
2					**GLACIAL TILL**		2		
									0.0
3							3		
				3.0'	Brown f SAND and SILT, trace f Gravel, no odors, damp.			damp	
4							4		
	4 - 8	S-2	32	4.0'	Brown mf(+) SAND, some(+) Clayey Silt, little(+) mf angular to subrounded			damp	0.0
5					Gravel, wet, no odors.		5		
6							6		0.2
				6.0'	Brown mf(+) SAND, little(+) cmf subangular to subrounded Gravel, little(-)			damp	
7					Clayey Silt, damp, no odors.		7		
8							8		
	8 - 12	S-3	25	8.0'	As above, wet				0.2
9							9		
10				9.5'	Grayish-brown cmf angular to subrounded GRAVEL, some cmf Sand,		10		6.5
					trace Clayey Silt, saturated, slight petroleum odor.				
11					**WEATHERED BEDROCK**		11		
12					**REFUSAL @ 10.5-ft.**		12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** **SB-4** SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 9-ft West and 7-ft North of Dry Cleaner Bldg. Back NE Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	24	0.0'	Dark brown SILT, some f Sand, little(-) f subrounded Gravel, organic			moist	0.0
1					material (roots, root traces and humus), moist, no odors. **TOPSOIL**		1	damp	
				0.6'	Dark brown Clayey SILT, little(+) f Sand, trace f Gravel, damp, no odors.				
2					**GLACIAL TILL**		2		
									0.0
3							3		
4							4		
	4 - 8	S-2	39	4.0'	As above.			damp	0.0
5				4.4'	Brown Clayey SILT, little mf subangular to subrounded Gravel, little cmf(+)		5	damp	
					Sand, damp, no odors.				
6							6		0.0
7				6.6'	Brown Clayey SILT, some cmf Sand, little subangular to subrounded Gravel		7	wet	
					no odors, wet.				0.0
8							8		
	8 - 12	S-3	34	8.0'	Brown cmf(+) SAND, little Clayey Silt, trace f Gravel, wet			wet	0.0
9							9		
					. . . . Grading To			saturated	
10							10		
					Brown cmf(+) SAND, some cmf angular to subrounded Gravel, little(-) Silt,				0.0
11					saturated, no odors.		11		
12					**REFUSAL @ 11.0-ft.**		12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-5 SHEE 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 10-ft West & 24-ft. North of Dry Cleaner Bldg. Back NE Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 | END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOD Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	26	0.0'	Dark brown Clayey SILT, some cmf Sand, trace f subrounded Gravel,			damp	0.0
1					organic material (roots, root traces and humus), damp, no odors. **TOPSOIL**		1	damp	
				0.4'	Brown Clayey SILT, little(+) cmf(+) Sand, little mf subangular Gravel, damp,			damp	
2					no odors. **FILL MATERIAL**		2		
				1.1'	Gray FLY ASH and mf COAL FRAGMENTS, damp, no odors.				0.0
3				1.3'	Brown Clayey SILT, some(-) cmf(+) Sand, little(+) mf subangular Gravel,		3		
					damp, no odors. **GLACIAL TILL**				
4							4		
	4 - 8	S-2	42	4.0'	As above.			damp	0.0
5							5		
				5.4'	Brown cmf SAND, little(+) cmf subangular Gravel, trace(+) Clayey Silt,			damp	
6					damp to wet, no odors.		6		0.0
					. . . . Grading To			wet	
7					Brown cmf SAND, some cmf subangular Gravel, trace(+) Clayey Silt, wet		7		
					to saturated @ 7.2-ft.			saturated	0.0
8							8		
	8 - 12	S-3	3	8.0'	As above.			saturated	0.0
9							9		
10							10		
11							11		
12					**REFUSAL @ 8.3-ft.**		12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** SB-6 SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co.
DRILLER Jeff Schweitzer
LABELLA REPRESENTATIVE C. A. Stiles
BORING LOCATION 4-ft East & 18-ft. North of Dry Cleaner Bldg. Inner Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	SAMPLE STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
0	0 - 4	S-1	37	0.0'	Brown Clayey SILT and mf(+) SAND, trace mf angular to subangular Gravel,		0		
1					very little organic material (roots, root traces and humus), damp, no odors.		1	damp	0.0
					TOPSOIL				
2				0.3'	Brown Clayey SILT and mf(+) SAND, trace mf angular to subangular Gravel,		2	damp	0.0
					damp, no odors. **GLACIAL TILL**				
3							3	damp	0.0
4							4		
	4 - 8	S-2	23	4.0'	As above.			damp	0.0
5				4.5'	Brown mf(+) SAND, some(-) cmf angular to subrounded Gravel, little(+)		5		
					Silt, damp, no odors.			damp	0.0
6							6		
7							7		
8					**REFUSAL @ 7.0-ft.**		8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** SB-7 SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co.
DRILLER Jeff Schweitzer
LABELLA REPRESENTATIVE C. A. Stiles
BORING LOCATION 4-ft East & 3-ft. North of Dry Cleaner Bldg. Front NE Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	SAMPLE STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	22	0.0'	Very dark brown SILT, little(+) f Sand, trace f Gravel, organic material (roots,				
1					root traces and humus), damp, no odors. **TOPSOIL**		1	damp	0.0
				0.6'	Brown Clayey SILT, some mf(+) Sand, little(-) mf Subrounded Gravel, no				
2					odors, damp. **GLACIAL TILL**		2		0.0
3							3		0.0
4							4		
	4 - 8	S-2	18	4.0'	Brown cmf(+) SAND, some(-) Silt, some(-) mf angular Gravel, moist, very			moist	0.0
5					slight odor (petroleum or petroleum plus solvent?).		5		
									0.0
6							6		
7							7		
8					**REFUSAL @ 6.0-ft.**		8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** **SB-8** SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

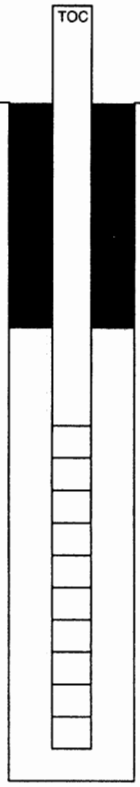
CONTRACTOR Nothnagle Drilling Co.
DRILLER Jeff Schweitzer
LABELLA REPRESENTATIVE C. A. Stiles
BORING LOCATION 42-ft East & 3-ft. South of Dry Cleaner Bldg. SW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	31	0.0'	Dark brown SILT, some(+) f Sand, trace f subrounded Gravel, organic	0.0'	damp	0.0
1					material (roots, root traces and humus), damp, no odors. **TOPSOIL**	1.0'	damp	0.0
				0.4'	Brown SILT and mf$^{(+)}$ SAND, little(-) mf angular to subrounded Gravel,			
2					includes brick fragments, damp, no odors. **FILL MATERIAL**	2.0'	damp	0.0
				2.0'	Gray FLY ASH and mf CINDERS and COAL FRAGMENTS, damp,	2.5'	damp	0.0
3					no odors.			
				2.1'	Brown Clayey SILT, some cmf$^{(+)}$ Sand, trace(+) mf subangular to sub-			
4					rounded Gravel, damp, no odors. **GLACIAL TILL**			
	4 - 8	S-2	35	4.0'	Brown Clayey SILT, some cmf$^{(+)}$ Sand, little mf subangular to subrounded	4.0'	damp	0.0
5					Gravel, damp, no odors.			
				5.2'	Brown Clayey SILT, some(+) cmf$^{(+)}$ angular to subrounded Gravel, some	5.0'	damp	0.0
6					cmf Sand, damp to wet, no odors.	6.0'	damp to wet	0.0
7								
8								
	8 - 12	S-3	22	8.0'	Brown cmf$^{(+)}$ SAND, trace Silt, trace f Gravel, saturated, no odors.	8.0'	saturated	0.0
9						9.0'	saturated	0.0
10								
11								
12					**REFUSAL @ 10.5-ft.**			
13								
14								
15								
16								

EQUIPMENT INSTALLATION LOG



LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:
Well CCMW-2 completed within this borehole with 5-ft. screen & ~6.5-ft riser set to 10.0-ft. Sandpack to 3.5-ft below ground surface. Bentonite pellets to ground surface. Locking J-Plug without protective casing installed.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-9
SHEE 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR Nothnagle Drilling Co.
DRILLER Jeff Schweitzer
LABELLA REPRESENTATIVE C. A. Stiles

BORING LOCATION 21-ft East & 4-ft. South of Dry Cleaner Bldg. SW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	24	0.0'	Dark brown SILT and f SAND, trace(+) f angular to subrounded		0.0'	damp	0.0
1					Gravel (includes brick fragments, organic material (roots, root traces		0.8'	damp	0.0
					and humus), damp, no odors. **TOPSOIL**				
2				0.8'	Gray c angular GRAVEL, damp, no odors. **FILL MATERIAL**		2.0'	damp	0.0
				1.0'	Brown f SAND, some Silt, little mf angular to subrounded Gravel, moist,				
3					no odors,				
4									
	4 - 8	S-2	34	4.0'	As above, moist to damp, no odors.		4.0'	moist to damp	0.0
5									
							5.0'	damp	0.0
6				5.7'	Brownish-gray cm angular GRAVEL, some(-) cmf Sand, moist. no odors.				
				6.0'	Brown Clayey SILT, some f Sand, trace(+) mf subrounded Gravel, damp		6.0'	damp to wet	0.0
7					to wet, no odors. **GLACIAL TILL**				
							6.8'	wet	0.0
8									
	8 - 12	S-3	22	8.0'	Brown mf(+) SAND, little(+) Silt, Little(-) mf angular to subrounded		8.0'	saturated	0.0
9					Gravel, saturated, no odors.				
							9.0'	saturated	0.0
10									
11									
12					**REFUSAL @ 10.0-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-10
SHEE 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR Nothnagle Drilling Co.
DRILLER Jeff Schweitzer
LABELLA REPRESENTATIVE C. A. Stiles

BORING LOCATION 10-ft West & 23-ft. North of Dry Cleaner Bldg. SW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	22	0.0'	Asphalt - Not sampled.		0.3'	dry	0.0
1				0.3'	Dark gray to black m(+)f angular GRAVEL (Limestone &/or dolostone),				
					dry, no odors. **FILL MATERIAL**		1.5'	moist	0.0
2				1.1'	Brown f SAND, some Silt, moist, no odors. **GLACIAL TILL**				
3									
4									
	4 - 8	S-2	32	4.0'	As above, saturated, no odors.		4.0'	saturated	0.0
5				4.5'	Dark brownish=gray to dark gray SILT, trace(-) cmf Sand, trace(-) f sub-				
					rounded Gravel, damp to wet, slight petroleum odor.		5.0'	damp	0.8
6									
							6.0'	damp to wet	4.1
7									
8									
	8 - 12	S-3	26	8.0'	Brown Clayey SILT, little(+) cmf Sand, little mf subangular to subround		8.0'	saturated	5.2
9					Gravel, saturated, slight petroleum odor(Gasoline).				
							9.0'	saturated	7.7
10									
11									
12									
	12 - 16	S-4	0	12.0'	*No recovery*				
13									
14									
15									
16					**REFUSAL @ 12.2-ft.**				

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:
- Boring completed 5-ft South of markings for Carriage Cleaners natural gas service.
- Boring completed 12-ft East of markings for electrical main beneath sidewalk.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-11 SHEE 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 15.5-ft West & 7.5-ft. South of Dry Cleaner Bldg. SW Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH (FT.)	MOISTURE CONTENT	PID
0 - 4	S-1	29	0.0'	Asphalt - Not sampled.		0.3'	moist	0.0
1			0.3'	Gray mf angular GRAVEL (Limestone &/or dolostone), some cmf Sand, moist, no odors. **FILL MATERIAL**		1.0'	moist	0.0
2			1.3'	Brown $mf^{(+)}$ SAND, some(-) Silt, moist to wet, no odors. **GLACIAL TILL**		2.0'	moist to wet	0.0
3								
4								
4 - 8	S-2	19	4.0'	Brown f SAND, some Silt, trace(+) $mf^{(+)}$ angular to subrounded Gravel, damp to wet, moderate to strong perchloroethylene odor.		4.0'	damp	47.0
5						5.0'	damp to wet	641
6								
7								
8								
8 - 12	S-3	10	8.0'	Brown cmf SAND and cmf angular to subrounded GRAVEL, trace(-) Silt, saturated, strong odor of perchloroethylene and gasoline.		8.0'	saturated	**2000+**
9								
10								
11								
12				**REFUSAL @ 9.0-ft.**				
13								
14								
15								
16								

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

* Boring completed 5-ft South of markings for Carriage Cleaners storm sewer service. and ~6.5-ft. South of markings for Carriage Cleaners sanitary sewer service.
• Boring completed 5-ft East of markings for electrical main beneath sidewalk.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-12 SHEE 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 15-ft West of Dry Cleaner Bldg. NW Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOL Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	32	0.0'	Asphalt - Not sampled.		0.2'	slightly moist	0.3
1				0.2'	Gray mf angular GRAVEL (Limestone &/or dolostone), some $c^{(+)}$mf				
					Sand, slightly moist, no odors. **FILL MATERIAL**		1.0'	moist	0.9
2				1.1'	Brown f SAND, little Silt, moist to wet, no odors. **GLACIAL TILL**				
				2.6'	Brown f SAND, some Clayey Silt, trace(-) f subangular to subrounded		2.0'	damp	6.7
3					Gravel, damp no odors.		2.6'	damp	3.1
					. . . . Grading To				
4					Brown SILT, trace(+) f Sand, damp, no odors.				
	4 - 8	S-2	34	4.0'	Brown SILT and $mf^{(+)}$ SAND, trace(-) f subrounded Gravel, wet, no odors.		4.0'	wet	0.0
5									
							5.0'	wet	0.0
6									
				6.0'	Gray cmf angular to subrounded GRAVEL, little Silt, little(-) cmf Sand,		6.0'	moist to damp	67.4
7					moist to damp, no odors.				
8									
	8 - 12	S-3	22	8.0'	Brown $mf^{(+)}$ SAND, little(+) to some mf subangular to subrounded		8.0'	wet	75.0
9					Gravel, trace(-) Silt, wet, moderate petroleum odors.				
							9.0'	wet	110
10				9.6'	Grayish-brown mf SAND, some(+) mf angular to subrounded Gravel,				
					saturated, strong gasoline odors.		9.8'	saturated	641
11				9.8'	Dark gray stained f SAND, little Silt, saturated, strong gasoline odors.				
12									
	12 - 16	S-4	15	12.0'	Gray cmf angular Gravel, some(+) $c^{(+)}$m Sand, trace Silt, moderate		12.0'	saturated	71.4
13					petroleum odor.				
14									
15									
16					**REFUSAL @ 14.0-ft.**				

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

* Boring completed 5-ft North of markings for Carriage Cleaners sanitary sewer service.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	**BORING #** **SB-13** SHEE 1 OF 1 **JOB #** 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 12-ft East & 50-ft. North of Dry Cleaner Bldg. NW Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	19	0.0'	Asphalt - Not sampled.				
1				0.2'	Gray mf angular GRAVEL, some cm Sand, slightly moist, no odors.		1	damp	0.0
					FILL MATERIAL				
2				1.4'	Brown Clayey SILT, some(-) f Sand, trace f subangular to subrounded		2	damp	0.3
					Gravel, damp, no odors. **GLACIAL TILL**				
3							3		
4							4		
	4 - 8	S-2	34	4.0'	Brown Clayey SILT, some(-) f Sand, little mf angular to subrounded			damp to wet	0.0
5					Gravel, damp to wet, no odors.		5		
6				5.9'	Brown mf(+) SAND, some cmf subangular to rounded Gravel, trace Silt,		6	wet	0.0
					wet, no odors.				
7							7	wet	0.0
8					**REFUSAL @ 7.0-ft.**		8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-14 SHEE 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 8.5-ft East & 37-ft. North of Dry Cleaner Bldg. NE Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	24	0.0'	Dark brown SILT, little f Sand, trace f subrounded Gravel, organic				
1					material (roots, root traces and humus), moist, no odors. **TOPSOIL**		1	moist	0.0
				0.6'	Brown Clayey SILT, little(+) mf(+) Sand, trace mf subangular to subround				
2					Gravel, moist, no odors. **GLACIAL TILL**		2	moist	0.0
3							3		
4							4		
	4 - 8	S-2	24	4.0'	Brown SILT, some mf(+) Sand, trace(+) mf subangular to subrounded			damp to wet	0.0
5					Gravel, damp to wet, no odors.		5		
6							6	wet	0.0
7							7		
8					**REFUSAL @ 6.5-ft.**		8		
9							9		
10							10		
11							11		
12							12		
13							13		
14							14		
15							15		
16							16		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

* Boring completed 7-ft. South of H&A monitoring well.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-15 SHEE 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR Nothnagle Drilling Co. | BORING LOCATION 7.5-ft. South & 3.5-ft West of Dry Cleaner Bldg. NW Corner.

DRILLER Jeff Schweitzer | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE C. A. Stiles | START DATE 10-Mar-04 | END DATE 10-Mar-04

TYPE OF DRILL RIG PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	21	0.0'	Asphalt - Not sampled.		0.2'	slightly moist	0.0
1				0.2'	Gray mf angular GRAVEL (Limestone &/or dolostone), some(-) cm Sand, slightly moist, no odors. **FILL MATERIAL**		1.1'	wet	0.0
2				1.1'	Brown $mf^{(+)}$ SAND, little(+) Silt, trace(-) f Gravel, wet, no odors. **GLACIAL TILL**				
3									
4									
	4 - 8	S-2	29	4.0'	Brown $cmf^{(+)}$ SAND, some(-) Silt, little(+) cmf subangular to subrounded Gravel, damp to wet, slight petroleum odor.		4.0'	damp	0.2
5							5.0'	damp to wet	11.4
6							6.0'	wet	13.1
7									
8									
	8 - 12	S-3	18	8.0'	As above with strong gasoline odor, saturated @ 8.8-ft.		8.0'	wet	132
9							9.0'	saturated	115
10									
11									
12					**REFUSAL @ 11.5-ft.**				
13									
14									
15									
16									

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

* Attempted to set well in borehole, but sub-base gravel kept caving in and blocking borehole.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-16 SHEI 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty
BORING LOCATION 8-ft. South & 29-ft West of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHO Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	34	0.0'	Asphalt - Not sampled.		0.2'		0.0
1				0.6'	Brown mf SAND, some silt, trace gravel			Moist	0.0
2									
3									
4									
	4 - 8	S-2	23	4.0'	Brown cmf)+ SAND, some silt, trace angular gravel		4.0'	Wet	10.0
5									
6									12.1
7									
8									
	8-11.1	S-3	23	8.0'	Brown mf SAND, some silt, trace gravel		8.0'	Saturated	132
9									
10									115
11									
12					**REFUSAL @ 11.1-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-17
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 4-ft. North & 31-ft West of Dry Cleaner Bldg. NE Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	32	0.0'	Asphalt - Not sampled.				
1				0.5'	Limestone GRAVEL, some cm brown sand			Dry	0.0
				1.0'	Brown mf SAND, some silt			Moist	
2									50.0
3									71.0
									287
4									
	4 - 8	S-2	23	4.0'	As above		4.0'	Moist	300
5				4.4'	Brown cm SAND, some angular gravel, little silt, chemical odor			to	
								Wet	450
6									
									2000+
7									
8									
	8 - 9.7	S-3	20	8.0'	Brown mf SAND, some silt, chemical and petroleum odor		8.0'	Saturated	2000+
9				9.0	Brown CMF SAND, some angular gravel, little silt				
									2000+
10									
11									
12					**REFUSAL @ 9.7-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-18
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 26-ft. South & 15-ft West of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	36	0.0'	Asphalt - Not sampled.				
1				0.7'	Brown mf SAND, little silt			Moist	0.0
2									0.0
3								Wet	0.0
4									
	4 - 8	S-2	28	4.0'	As above		4.0'	Moist	0.0
5				4.5'	Dark gray mf SAND, little silt, moist			Moist	
				4.7'	Dark gray SILT, little f sand				
6				5.3'	Brown SILT, some c(+)mf sand			Moist	0.0
7								to Wet	
8									
	8 - 11.8	S-3	18	8.0'	Brown cm SAND, little angular gravel and silt, petroleum odor		8.0'	Wet	1450
9									2000+
10									
11									
12					**REFUSAL @ 11.8-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-19 SHEI 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty
BORING LOCATION 35.5-ft. South & 30-ft West of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	35	0.0'	Asphalt - Not sampled.				
1				0.5'	Brown cm SAND and GRAVEL - FILL			Dry	0.0
				1.3'	Brown mf SAND, trace silt			Dry	
2									0.0
3									0.0
4									
	4 - 8	S-2	30	4.0'	Dark gray Clayey SILT, little f sand			Moist	0.0
5				5.0'	Brown SILT, little mf sand, trace gravel			Moist	
									0.0
6									
									0.0
7								Wet	
8									
	8 - 10.5	S-3	18	8.0'	As Above				
9				8.1'	GRAVEL, some cmf sand, petroleum odor			Moist	360
				8.7'	Brown Clayey SILT, little cm sand and angular gravel, petroleum odor			Wet	900
10									
11									
12					**REFUSAL @ 10.5-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-20 SHEI 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR SLC Environmental Services | BORING LOCATION 4-ft. North & 29-ft West of Dry Cleaner Bldg. SW Corner.

DRILLER Rich Rose | GROUND SURFACE ELEVATION | DATUM

LABELLA REPRESENTATIVE M. Pelychaty | START DATE 12-Apr-04 | END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	38	0.0'	Asphalt - Not sampled.				
1				0.2'	Brown mf SAND, little silt			Moist	0.0
2									0.0
3									0.0
4									
	4 - 6	S-2	46		As Above				0.0
5									
				5.7'	Gray CLAY, trace cm sand and gravel			Moist	0.0
6	6-8	S-3							
7								Wet	0.0
8									
	8 - 10.5	S-4	18	8.0'	Brown Silty CLAY, little cm sand and gravel			Saturated	210
9									
									237
10									
11									
12					**REFUSAL @ 10.5-ft.**				
13									
14									
15									
16									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-21 SHEI 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR SLC Environmental Services — BORING LOCATION 22-ft. North & 17.5-ft West of Dry Cleaner Bldg. NW Corner.

DRILLER Rich Rose — GROUND SURFACE ELEVATION — DATUM

LABELLA REPRESENTATIVE M. Pelychaty — START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted

AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore

OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	36	0.0'	Asphalt - Not sampled.				
1				0.6	Limestone GRAVEL, some cm sand			Dry	0.0
				1.0'	Brown mf SAND, little silt			Moist	
2									0.0
3									0.0
4									
	4 - 8	S-2	24	4.0'	Brown SILT, some mf sand, trace gravel, chemical odor			Moist	0.0
5									0.0
6									
7									
8									
	8 - 10.5	S-4	16		As Above			Saturated	1150
9				8.2'	Brown cmf SAND, some angular gravel, little silt, strong petroleum odor				
10									2000+
11									
12					**REFUSAL @ 11.4-ft.**				
13									
14									
15									
16									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-22
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 22-ft. North & 17.5-ft West of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHO Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	36	0.0'	Asphalt - Not sampled.				
1				0.8'	Limestone GRAVEL, some cm sand			Dry	0.0
				1.2'	Brown SILT, cmf sand			Dry	
2									0.0
				2.4'	Brown cmf SAND, some silt and angular gravel			Moist	
3									0.0
4									
	4 - 6.9	S-2	12	4.0'	Brown mf sandy SILT, some angular gravel, slight chemical odor			Moist	0.0
5									0.0
6									
7									
8					**REFUSAL @ 6.9-ft.**				
9									
10									
11									
12									
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-23
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 28-ft. North & 13-ft West of Dry Cleaner Bldg. NE Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 3.9	S-1	36	0.0'	Asphalt - Not sampled.				
1				0.5	Black cm SAND and GRAVEL			Dry	0.0
				1.3'	Brown c(+)mf SAND, some angular gravel, little silt			Dry	
2								to	0.0
								Moist	
3									0.0
4					**REFUSAL @ 3.9-ft.**				
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LBA

BORING # SB-23

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Avenue, Brighton, NY 14618	BORING # SB-24 SHEI 1 OF 1 JOB # 204129 CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty
BORING LOCATION 7.5-ft. North of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHO Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	33	0.0'	Asphalt - Not sampled.				
1				0.4'	Limestone GRAVEL, some cm sand			Dry	0.0
				1.1'	Brown mf SAND, some silt, trace angular gravel			Moist	
2									0.0
3									
4									
	4 - 8	S-2	10		As Above, slight chemical odor			Moist	0.0
5									
6									
7									
8									
	8 - 11.9	S-3	20	8.0'	Brown cm SAND and angular GRAVEL, trace silt, strong petroleum odor			Saturated	180
9									
									247
10									
11									
12					**REFUSAL @ 11.9-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-25
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 29-ft. West & 32-ft North of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHO Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	33	0.0'	Asphalt - Not sampled.				
1				0.6'	Limestone GRAVEL and cm SAND			Dry	0.0
				0.8'	Brown mf SAND, little angular gravel and silt			Moist	
2				1.5'	Brown Clayey SILT, some mf sand, trace gravel			Moist	0.0
								to	
3								Wet	0.0
4									
	4 - 7.7	S-2	17	4.0'	Brown Clayey SILT, some mf SAND			Moist	0.0
5								to	
								Saturated	
6									
7									
8					**REFUSAL @ 7.7-ft.**				
9									
10									
11									
12									
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-26
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 52-ft. North & 15 West of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	SAMPLE RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	33	0.0'	Asphalt - Not sampled.				
1				0.7'	Angular Gravel and cmf SAND			Dry	0.0
				1.2'	Brown mf SAND, some silt, trace gravel			Moist	
2									0.0
				2.2'	Brown Clayey SILT, little mf SAND			Moist	
3									
4									
	4 - 8	S-2	27		As Above, slight chemical odor				0.0
5				4.7'	Brown clayey SILT, little cmf SAND and angular gravel			Moist	
6									0.0
7									
8									
	8 - 8.4	S-3	5	8.0'	Brown clayey silt, some mf SAND, trace gravel			Saturated	0
9									
10									
11									
12					**REFUSAL @ 8.4-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-27
SHEI 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 48-ft. North & 20-ft West of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHO Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	32	0.0'	Asphalt - Not sampled.				
1				0.6'	Angular GRAVEL and cmf SAND			Dry	0.0
				1.3'	Brown mf SAND, some silt			Moist	
2									0.0
3									
4									
	4 - 8	S-2	26	4.0'	Brown clayey SILT, some angular gravel, little cmf sand			Moist	0.0
5								to	
								Wet	
6									0.0
7									
8									
	8 - 10.1	S-3	12	8.0'	Brown mf sandy SILT, some gravel, slight petroleum odor			Moist	0.0
9									
10									
11									
12					**REFUSAL @ 10.1-ft.**				
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Phase II Environmental Site Assessment
Carriage Cleaners
2101 Monroe Avenue, Brighton, NY 14618

BORING # SB-28
SHEET 1 OF 1
JOB # 204129
CHKD. BY

CONTRACTOR SLC Environmental Services
DRILLER Rich Rose
LABELLA REPRESENTATIVE M. Pelychaty

BORING LOCATION 27-ft. North & 13-ft East of Dry Cleaner Bldg. NW Corner.
GROUND SURFACE ELEVATION DATUM
START DATE 12-Apr-04 END DATE 12-Apr-04

TYPE OF DRILL RIG Geoprobe 54 LT - Track Mounted
AUGER SIZE AND TYPE 2" (1.8" ID) by 4' MacroCore
OVERBURDEN SAMPLING METHOI Direct Push Methods

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DEPTH (FT.)	SAMPLE NO.	RECOVERY (INCHES)	STRATA CHANGE	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	DEPTH	MOISTURE CONTENT	PID
	0 - 4	S-1	30	0.0'	Asphalt - Not sampled.				
1				0.7'	Limestone GRAVEL and cmf SAND			Dry	0.0
				1.1'	Brown silty CLAY, little cmf sand and gravel			Moist	
2								Moist	0.0
3									
4									
	4 - 7.8	S-2	19		As Above				0.0
5				5.2'	Brown cmf SAND and GRAVEL, trace silt			Moist	
6									0.0
7									
8					**REFUSAL @ 7.8-ft.**				
9									
10									
11									
12									
13									
14									
15									
16									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

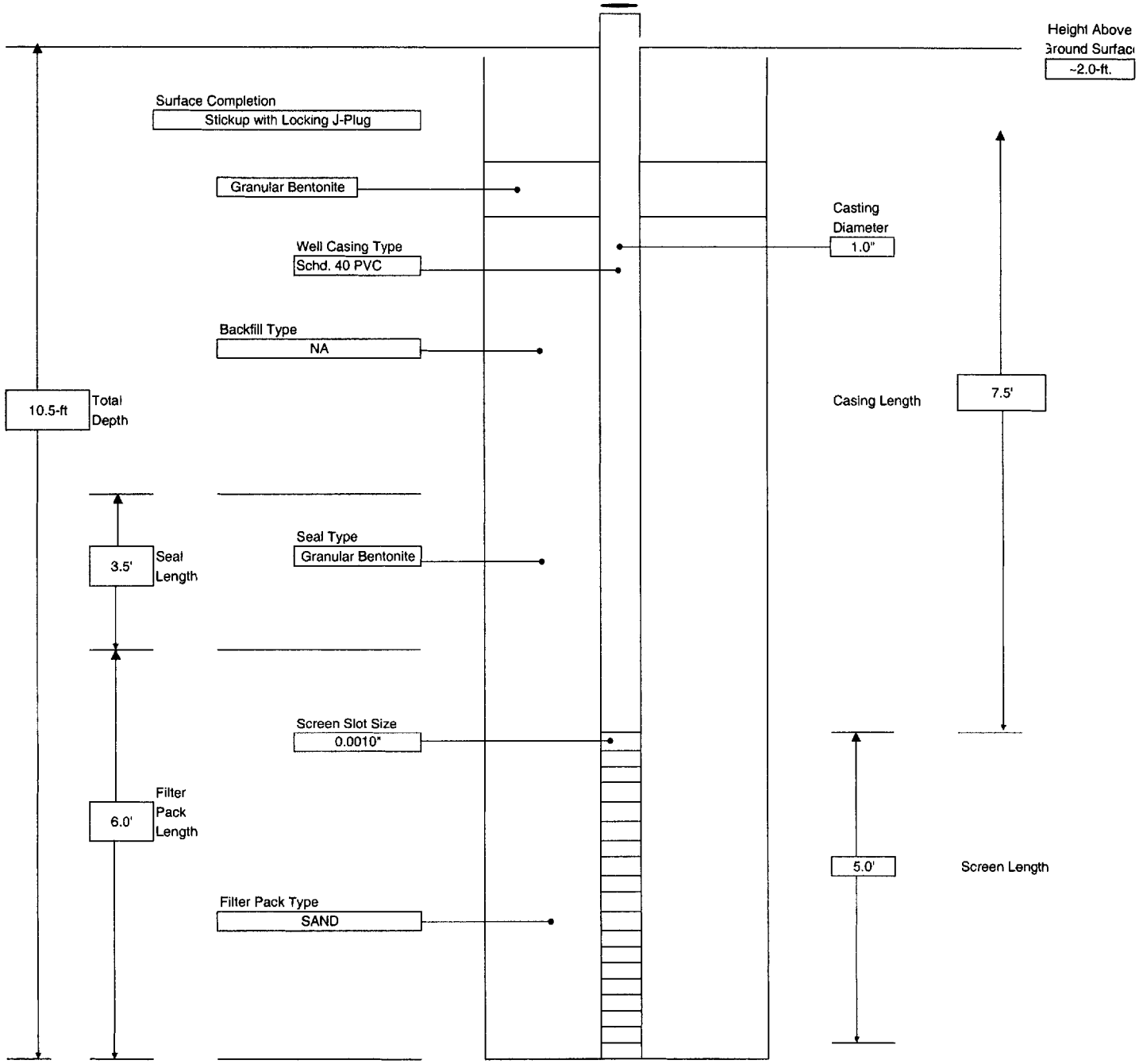
GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II ESA Carriage Cleaners 2101 & 2111 Monroe Avenue, Brighton, New York	BORING CCMW-1 SHEET 1 OF 1 JOB # 204129 CHKD. BY:

CONTRACTOR Nothnagle Drilling Co.		BORING LOCATION 8-ft East & 6-ft North of Dry Cleaner Bldg. Inside Corner.	
DRILLER Jeff Schweitzer		GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE C. A. Stiles		START D/ 10-Mar-04	END DATE 10-Mar-04
TYPE OF DRILL RIG: PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)			
AUGER SIZE AND TYPE NA			
OVERBURDEN SAMPLING METHOD Direct Push			
ROCK DRILLING METHOD NA			

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



NOTE: NOT TO SCALE
ALL DIMENSIONS IN FEET UNLESS OTHERWISE INDICATED

GENERAL NOTES:

1) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

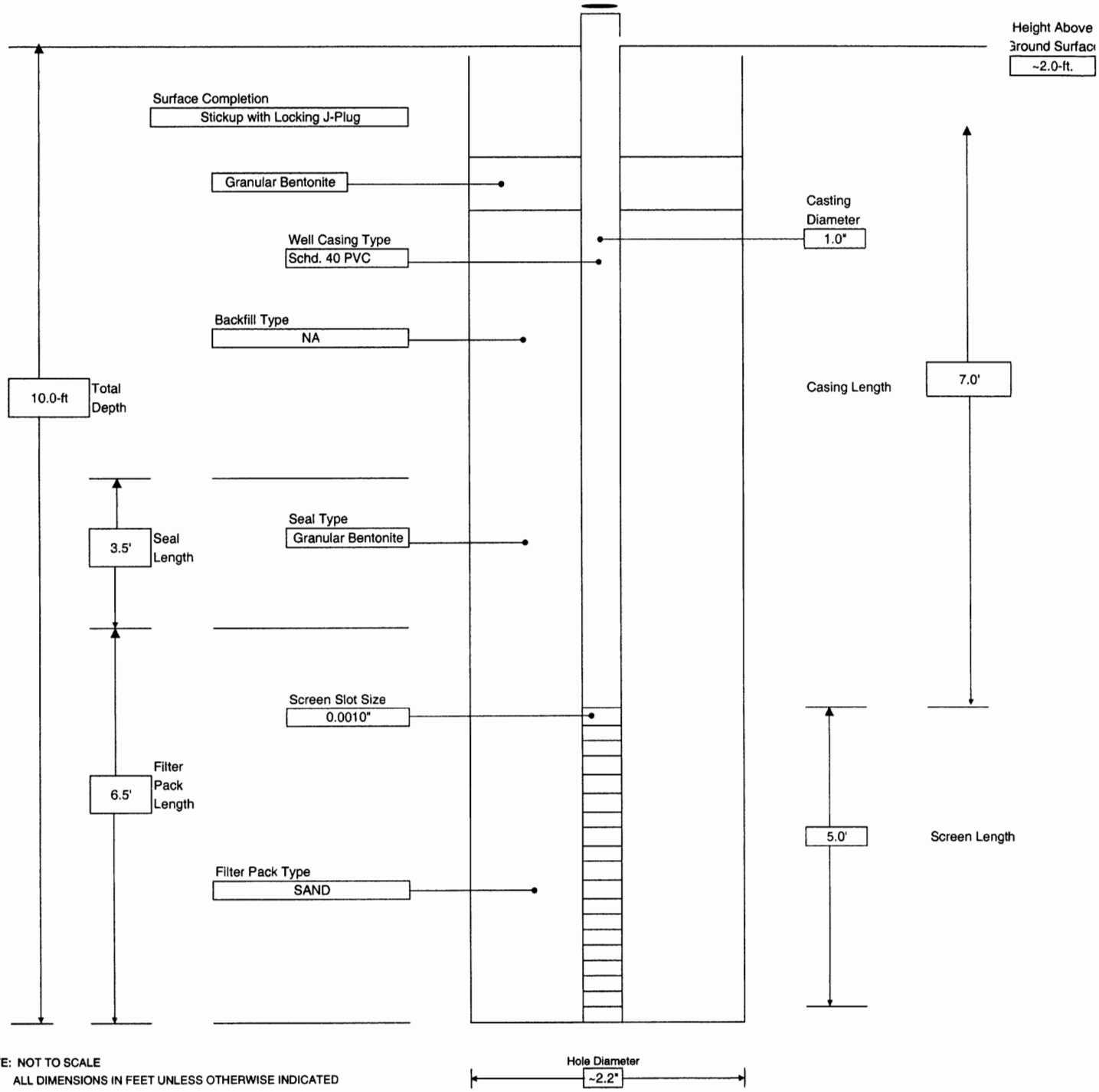
2) NA = Not Applicable

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II ESA Carriage Cleaners 2101 & 2111 Monroe Avenue, Brighton, New York	BORING **CCMW-2** SHEET 1 OF 1 JOB # 204129 CHKD. BY:

CONTRACTOR	Nothnagle Drilling Co.	BORING LOCATION	42-ft East & 3-ft. South of Dry Cleaner Bldg. SW Corner.
DRILLER	Jeff Schweitzer	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE	C. A. Stiles	START D/ 10-Mar-04	END DATE 10-Mar-04

TYPE OF DRILL RIG:	PowerProbe Model MT-50 (Tracked/~~Truck-mount~~)
AUGER SIZE AND TYPE	NA
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS



NOTE: NOT TO SCALE
ALL DIMENSIONS IN FEET UNLESS OTHERWISE INDICATED

GENERAL NOTES:

1) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

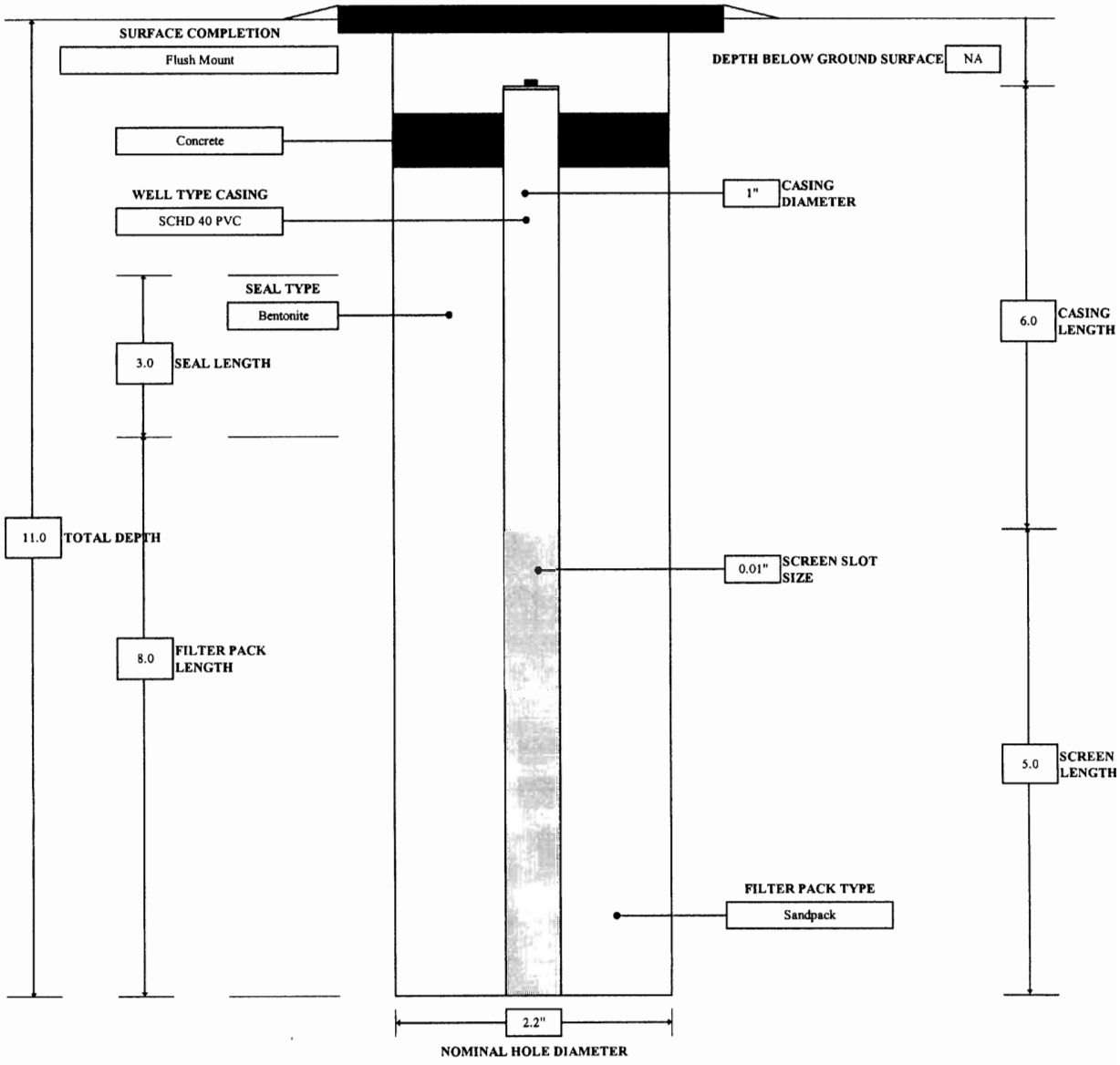
2) NA = Not Applicable

WELL COMPLETION LOG

LABELLA Associates, P.C. 300 State Street, Suite 201, Rochester, New York 14614 Environmental Engineering Consultants	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Ave, Brighton, NY	WELL I.D. CCMW-3 SHEET 1 OF 1 PROJECT NO. 204129 CHKD. BY:

CONTRACTOR: SLC ENVIRONMENTAL	BORING LOCATION:	
DRILLER: R. Rose	GROUND SURFACE ELEVATION:	DATUM:
LABELLA REP: M. Pelychaty	START DATE: 4/12/04	END DATE: 4/12/2004
TYPE OF DRILL RIG: Geoprobe 54 LT - Track Mounted		
AUGER SIZE & TYPE: NA		
OVERBURDEN SAMPLING METHOD: DIRECT PUSH		
ROCK DRILLING METHOD: NA		

WATER LEVEL DATA		
DATE	TIME	DEPTH TO WATER



NOTE: NOT TO SCALE, DIMENSIONS IN FEET UNLESS OTHERWISE NOTED, WATER READINGS HAVE BEEN MADE UNDER TIME AND CONDITIONS STATED, FLUCTUATION OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

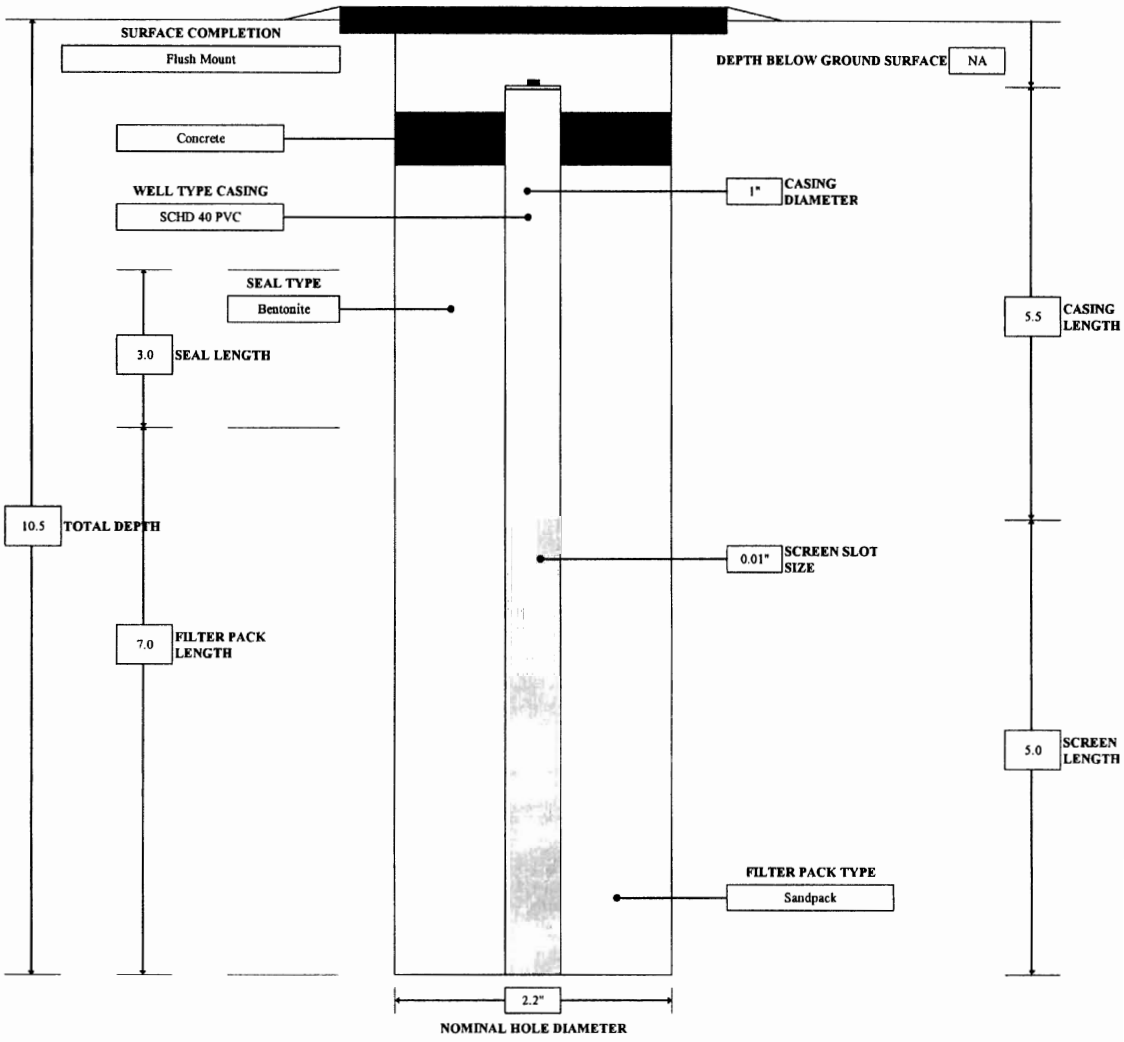
NA = Not Available

WELL COMPLETION LOG

LABELLA Associates, P.C. 300 State Street, Suite 201, Rochester, New York 14614 Environmental Engineering Consultants	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Ave, Brighton, NY	WELL I.D. CCMW-4 SHEET 1 OF 1 PROJECT NO. 204129 CHKD. BY:

CONTRACTOR: SLC ENVIRONMENTAL	BORING LOCATION:	
DRILLER: R. Rose	GROUND SURFACE ELEVATION:	DATUM:
LABELLA REP: M. Pelychaty	START DATE: 4/12/04	END DATE: 4/12/2004
TYPE OF DRILL RIG: Geoprobe 54 LT - Track Mounted		
AUGER SIZE & TYPE: NA		
OVERBURDEN SAMPLING METHOD: DIRECT PUSH		
ROCK DRILLING METHOD: NA		

WATER LEVEL DATA		
DATE	TIME	DEPTH TO WATER



NOTE: NOT TO SCALE, DIMENSIONS IN FEET UNLESS OTHERWISE NOTED, WATER READINGS HAVE BEEN MADE UNDER TIME AND CONDITIONS STATED, FLUCTUATION OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

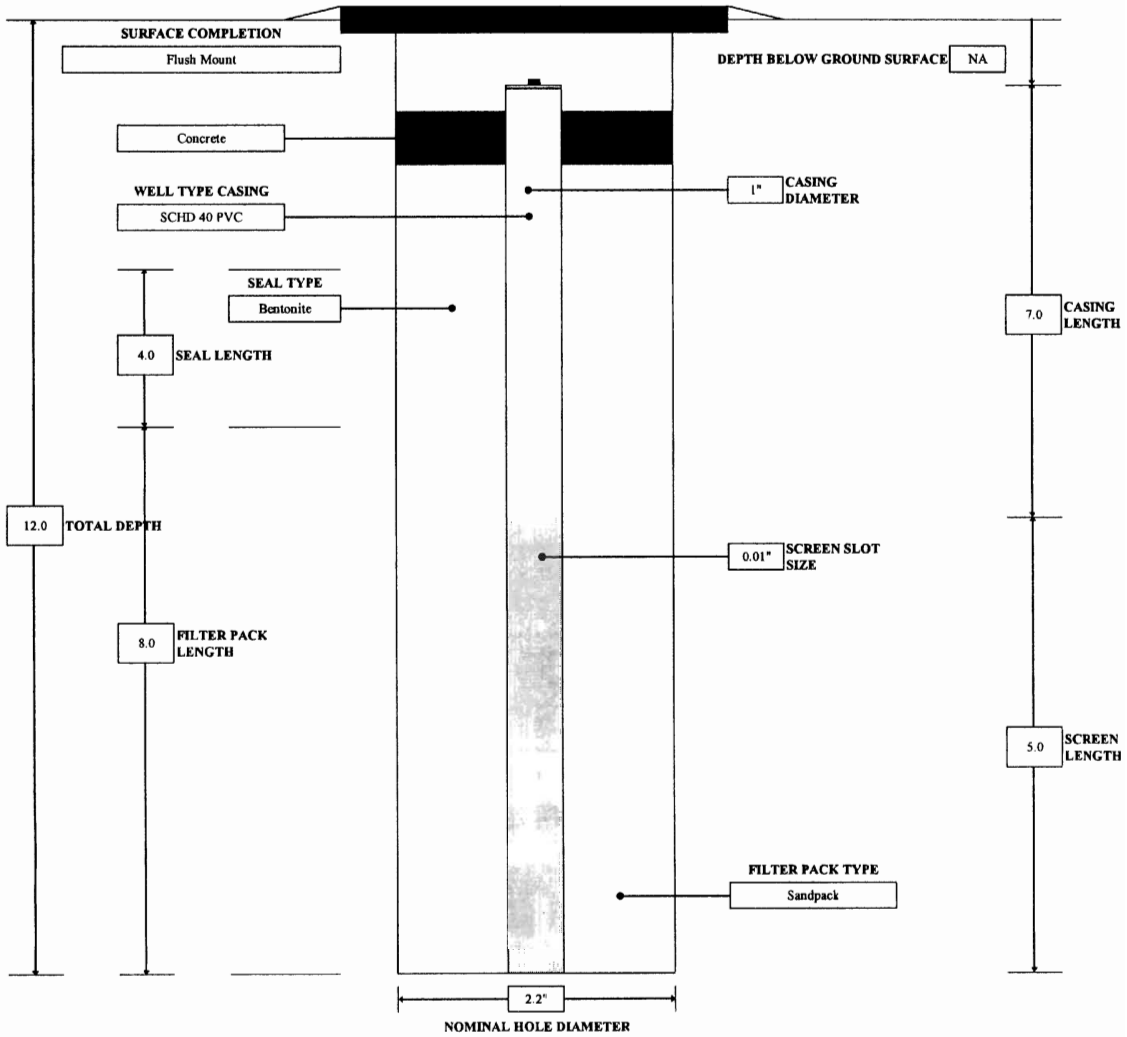
NA = Not Available

WELL COMPLETION LOG

LABELLA Associates, P.C. 300 State Street, Suite 201, Rochester, New York 14614 Environmental Engineering Consultants	**PROJECT** Phase II Environmental Site Assessment Carriage Cleaners 2101 Monroe Ave, Brighton, NY	WELL I.D. CCMW-5 SHEET 1 OF 1 PROJECT NO. 204129 CHKD. BY:

CONTRACTOR: SLC ENVIRONMENTAL	BORING LOCATION:	
DRILLER: R. Rose	GROUND SURFACE ELEVATION:	DATUM:
LABELLA REP: M. Pelychaty	START DATE: 4/12/04	END DATE: 4/12/2004

TYPE OF DRILL RIG: Geoprobe 54 LT - Track Mounted	WATER LEVEL DATA		
AUGER SIZE & TYPE: NA	DATE	TIME	DEPTH TO WATER
OVERBURDEN SAMPLING METHOD: DIRECT PUSH			
ROCK DRILLING METHOD: NA			



NOTE: NOT TO SCALE, DIMENSIONS IN FEET UNLESS OTHERWISE NOTED, WATER READINGS HAVE BEEN MADE UNDER TIME AND CONDITIONS STATED, FLUCTUATION OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

NA = Not Available

Appendix 4

Analytical Data

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3002
Client Job Number:	204129		
Field Location:	SB-1(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 7.25
Bromomethane	ND< 7.25
Bromoform	ND< 7.25
Carbon Tetrachloride	ND< 7.25
Chloroethane	ND< 7.25
Chloromethane	ND< 7.25
2-Chloroethyl vinyl Ether	ND< 7.25
Chloroform	ND< 7.25
Dibromochloromethane	ND< 7.25
1,1-Dichloroethane	ND< 7.25
1,2-Dichloroethane	ND< 7.25
1,1-Dichloroethene	ND< 7.25
cis-1,2-Dichloroethene	ND< 7.25
trans-1,2-Dichloroethene	ND< 7.25
1,2-Dichloropropane	ND< 7.25
cis-1,3-Dichloropropene	ND< 7.25
trans-1,3-Dichloropropene	ND< 7.25
Methylene chloride	ND< 18.1
1,1,2,2-Tetrachloroethane	ND< 7.25
Tetrachloroethene	758
1,1,1-Trichloroethane	ND< 7.25
1,1,2-Trichloroethane	ND< 7.25
Trichloroethene	ND< 7.25
Trichlorofluoromethane	ND< 7.25
Vinyl chloride	ND< 7.25

Aromatics	Results in ug / Kg
Benzene	ND< 7.25
Chlorobenzene	ND< 7.25
Ethylbenzene	ND< 7.25
Toluene	ND< 7.25
m,p-Xylene	ND< 7.25
o-Xylene	ND< 7.25
Styrene	ND< 7.25
1,2-Dichlorobenzene	ND< 7.25
1,3-Dichlorobenzene	ND< 7.25
1,4-Dichlorobenzene	ND< 7.25

Ketones	Results in ug / Kg
Acetone	ND< 36.3
2-Butanone	ND< 18.1
2-Hexanone	ND< 18.1
4-Methyl-2-pentanone	ND< 18.1

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 18.1
Vinyl acetate	ND< 18.1

ELAP Number 10958 Method: EPA 8260B Data File: 19828.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-0696
		Lab Sample Number:	3002
Client Job Number:	204129		
Field Location:	SB-1(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 7.25	1,2,4-Trimethylbenzene	ND< 7.25
sec-Butylbenzene	ND< 7.25	1,3,5-Trimethylbenzene	ND< 7.25
tert-Butylbenzene	ND< 7.25		
n-Propylbenzene	ND< 7.25	**Miscellaneous**	
Isopropylbenzene	ND< 7.25	Methyl tert-butyl Ether	ND< 7.25
p-Isopropyltoluene	ND< 7.25		
Naphthalene	ND< 18.1		

ELAP Number 10958 Method: EPA 8260B Data File: 19828.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 040696V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3003
Client Job Number:	204129		
Field Location:	SB-4(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 6.79
Bromomethane	ND< 6.79
Bromoform	ND< 6.79
Carbon Tetrachloride	ND< 6.79
Chloroethane	ND< 6.79
Chloromethane	ND< 6.79
2-Chloroethyl vinyl Ether	ND< 6.79
Chloroform	ND< 6.79
Dibromochloromethane	ND< 6.79
1,1-Dichloroethane	ND< 6.79
1,2-Dichloroethane	ND< 6.79
1,1-Dichloroethene	ND< 6.79
cis-1,2-Dichloroethene	ND< 6.79
trans-1,2-Dichloroethene	ND< 6.79
1,2-Dichloropropane	ND< 6.79
cis-1,3-Dichloropropene	ND< 6.79
trans-1,3-Dichloropropene	ND< 6.79
Methylene chloride	ND< 17.0
1,1,2,2-Tetrachloroethane	ND< 6.79
Tetrachloroethene	547
1,1,1-Trichloroethane	ND< 6.79
1,1,2-Trichloroethane	ND< 6.79
Trichloroethene	ND< 6.79
Trichlorofluoromethane	ND< 6.79
Vinyl chloride	ND< 6.79

Aromatics	Results in ug / Kg
Benzene	ND< 6.79
Chlorobenzene	ND< 6.79
Ethylbenzene	ND< 6.79
Toluene	ND< 6.79
m,p-Xylene	ND< 6.79
o-Xylene	ND< 6.79
Styrene	ND< 6.79
1,2-Dichlorobenzene	ND< 6.79
1,3-Dichlorobenzene	ND< 6.79
1,4-Dichlorobenzene	ND< 6.79

Ketones	Results in ug / Kg
Acetone	ND< 34.0
2-Butanone	ND< 17.0
2-Hexanone	ND< 17.0
4-Methyl-2-pentanone	ND< 17.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 17.0
Vinyl acetate	ND< 17.0

ELAP Number 10958 Method: EPA 8260B Data File: 19829.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-0696
		Lab Sample Number:	3003
Client Job Number:	204129		
Field Location:	SB-4(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 6.79	1,2,4-Trimethylbenzene	ND< 6.79
sec-Butylbenzene	ND< 6.79	1,3,5-Trimethylbenzene	ND< 6.79
tert-Butylbenzene	ND< 6.79		
n-Propylbenzene	ND< 6.79	**Miscellaneous**	
Isopropylbenzene	ND< 6.79	Methyl tert-butyl Ether	ND< 6.79
p-Isopropyltoluene	ND< 6.79		
Naphthalene	ND< 17.0		

ELAP Number 10958 Method: EPA 8260B Data File: 19829.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3004
Client Job Number:	204129		
Field Location:	SB-8(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 11.1
Bromomethane	ND< 11.1
Bromoform	ND< 11.1
Carbon Tetrachloride	ND< 11.1
Chloroethane	ND< 11.1
Chloromethane	ND< 11.1
2-Chloroethyl vinyl Ether	ND< 11.1
Chloroform	ND< 11.1
Dibromochloromethane	ND< 11.1
1,1-Dichloroethane	ND< 11.1
1,2-Dichloroethane	ND< 11.1
1,1-Dichloroethene	ND< 11.1
cis-1,2-Dichloroethene	ND< 11.1
trans-1,2-Dichloroethene	ND< 11.1
1,2-Dichloropropane	ND< 11.1
cis-1,3-Dichloropropene	ND< 11.1
trans-1,3-Dichloropropene	ND< 11.1
Methylene chloride	ND< 27.7
1,1,2,2-Tetrachloroethane	ND< 11.1
Tetrachloroethene	233
1,1,1-Trichloroethane	ND< 11.1
1,1,2-Trichloroethane	ND< 11.1
Trichloroethene	ND< 11.1
Trichlorofluoromethane	ND< 11.1
Vinyl chloride	ND< 11.1

Aromatics	Results in ug / Kg
Benzene	ND< 11.1
Chlorobenzene	ND< 11.1
Ethylbenzene	ND< 11.1
Toluene	ND< 11.1
m,p-Xylene	ND< 11.1
o-Xylene	ND< 11.1
Styrene	ND< 11.1
1,2-Dichlorobenzene	ND< 11.1
1,3-Dichlorobenzene	ND< 11.1
1,4-Dichlorobenzene	ND< 11.1

Ketones	Results in ug / Kg
Acetone	ND< 55.5
2-Butanone	ND< 27.7
2-Hexanone	ND< 27.7
4-Methyl-2-pentanone	ND< 27.7

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 27.7
Vinyl acetate	ND< 27.7

ELAP Number 10958 Method: EPA 8260B Data File: 19832.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-0696
		Lab Sample Number:	3004
Client Job Number:	204129		
Field Location:	SB-8(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 11.1	1,2,4-Trimethylbenzene	ND< 11.1
sec-Butylbenzene	ND< 11.1	1,3,5-Trimethylbenzene	ND< 11.1
tert-Butylbenzene	ND< 11.1		
n-Propylbenzene	ND< 11.1	**Miscellaneous**	
Isopropylbenzene	ND< 11.1	Methyl tert-butyl Ether	ND< 11.1
p-Isopropyltoluene	ND< 11.1		
Naphthalene	ND< 27.7		

ELAP Number 10958 Method: EPA 8260B Data File: 19832.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3005
Client Job Number:	204129		
Field Location:	SB-11(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 986
Bromomethane	ND< 986
Bromoform	ND< 986
Carbon Tetrachloride	ND< 986
Chloroethane	ND< 986
Chloromethane	ND< 986
2-Chloroethyl vinyl Ether	ND< 986
Chloroform	ND< 986
Dibromochloromethane	ND< 986
1,1-Dichloroethane	ND< 986
1,2-Dichloroethane	ND< 986
1,1-Dichloroethene	ND< 986
cis-1,2-Dichloroethene	ND< 986
trans-1,2-Dichloroethene	ND< 986
1,2-Dichloropropane	ND< 986
cis-1,3-Dichloropropene	ND< 986
trans-1,3-Dichloropropene	ND< 986
Methylene chloride	ND< 2,470
1,1,2,2-Tetrachloroethane	ND< 986
Tetrachloroethene	34,500
1,1,1-Trichloroethane	ND< 986
1,1,2-Trichloroethane	ND< 986
Trichloroethene	ND< 986
Trichlorofluoromethane	ND< 986
Vinyl chloride	ND< 986

Aromatics	Results in ug / Kg
Benzene	ND< 986
Chlorobenzene	ND< 986
Ethylbenzene	ND< 986
Toluene	2,310
m,p-Xylene	1,740
o-Xylene	ND< 986
Styrene	ND< 986
1,2-Dichlorobenzene	ND< 986
1,3-Dichlorobenzene	ND< 986
1,4-Dichlorobenzene	ND< 986

Ketones	Results in ug / Kg
Acetone	ND< 4,930
2-Butanone	ND< 2,470
2-Hexanone	ND< 2,470
4-Methyl-2-pentanone	ND< 2,470

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 2,470
Vinyl acetate	ND< 2,470

ELAP Number 10958 Method: EPA 8260B Data File: 19846.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-0696
		Lab Sample Number:	3005
Client Job Number:	204129		
Field Location:	SB-11(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 986	1,2,4-Trimethylbenzene	ND< 986
sec-Butylbenzene	ND< 986	1,3,5-Trimethylbenzene	ND< 986
tert-Butylbenzene	ND< 986		
n-Propylbenzene	ND< 986	**Miscellaneous**	
Isopropylbenzene	ND< 986	Methyl tert-butyl Ether	ND< 986
p-Isopropyltoluene	ND< 986		
Naphthalene	ND< 2,470		

ELAP Number 10958 Method: EPA 8260B Data File: 19846.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3006
Client Job Number:	204129		
Field Location:	SB-15(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 2,600
Bromomethane	ND< 2,600
Bromoform	ND< 2,600
Carbon Tetrachloride	ND< 2,600
Chloroethane	ND< 2,600
Chloromethane	ND< 2,600
2-Chloroethyl vinyl Ether	ND< 2,600
Chloroform	ND< 2,600
Dibromochloromethane	ND< 2,600
1,1-Dichloroethane	ND< 2,600
1,2-Dichloroethane	ND< 2,600
1,1-Dichloroethene	ND< 2,600
cis-1,2-Dichloroethene	ND< 2,600
trans-1,2-Dichloroethene	ND< 2,600
1,2-Dichloropropane	ND< 2,600
cis-1,3-Dichloropropene	ND< 2,600
trans-1,3-Dichloropropene	ND< 2,600
Methylene chloride	ND< 6,500
1,1,2,2-Tetrachloroethane	ND< 2,600
Tetrachloroethene	ND< 2,600
1,1,1-Trichloroethane	ND< 2,600
1,1,2-Trichloroethane	ND< 2,600
Trichloroethene	ND< 2,600
Trichlorofluoromethane	ND< 2,600
Vinyl chloride	ND< 2,600

Aromatics	Results in ug / Kg
Benzene	ND< 2,600
Chlorobenzene	ND< 2,600
Ethylbenzene	3,180
Toluene	7,330
m,p-Xylene	89,300
o-Xylene	33,300
Styrene	ND< 2,600
1,2-Dichlorobenzene	ND< 2,600
1,3-Dichlorobenzene	ND< 2,600
1,4-Dichlorobenzene	ND< 2,600

Ketones	Results in ug / Kg
Acetone	ND< 13,000
2-Butanone	ND< 6,500
2-Hexanone	ND< 6,500
4-Methyl-2-pentanone	ND< 6,500

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 6,500
Vinyl acetate	ND< 6,500

ELAP Number 10958 Method: EPA 8260B Data File: 19847.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 040696v5.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-0696
		Lab Sample Number:	3006
Client Job Number:	204129		
Field Location:	SB-15(S-3)	**Date Sampled:**	03/10/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Soil	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 2,600	1,2,4-Trimethylbenzene	119,000
sec-Butylbenzene	ND< 2,600	1,3,5-Trimethylbenzene	37,100
tert-Butylbenzene	ND< 2,600		
n-Propylbenzene	5,960	**Miscellaneous**	
Isopropylbenzene	2,700	Methyl tert-butyl Ether	ND< 2,600
p-Isopropyltoluene	ND< 2,600		
Naphthalene	15,500		

ELAP Number 10958 Method: EPA 8260B Data File: 19847.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696V5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3007
Client Job Number:	204129		
Field Location:	CCMW-1	**Date Sampled:**	03/11/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Water	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100
Bromomethane	ND< 100
Bromoform	ND< 100
Carbon Tetrachloride	ND< 100
Chloroethane	ND< 100
Chloromethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 100
Chloroform	ND< 100
Dibromochloromethane	ND< 100
1,1-Dichloroethane	ND< 100
1,2-Dichloroethane	ND< 100
1,1-Dichloroethene	ND< 100
cis-1,2-Dichloroethene	ND< 100
trans-1,2-Dichloroethene	ND< 100
1,2-Dichloropropane	ND< 100
cis-1,3-Dichloropropene	ND< 100
trans-1,3-Dichloropropene	ND< 100
Methylene chloride	ND< 250
1,1,2,2-Tetrachloroethane	ND< 100
Tetrachloroethene	4,380
1,1,1-Trichloroethane	ND< 100
1,1,2-Trichloroethane	ND< 100
Trichloroethene	ND< 100
Trichlorofluoromethane	ND< 100
Vinyl chloride	ND< 100

Aromatics	Results in ug / L
Benzene	ND< 35.0
Chlorobenzene	ND< 100
Ethylbenzene	ND< 100
Toluene	ND< 100
m,p-Xylene	ND< 100
o-Xylene	ND< 100
Styrene	ND< 100
1,2-Dichlorobenzene	ND< 100
1,3-Dichlorobenzene	ND< 100
1,4-Dichlorobenzene	ND< 100

Ketones	Results in ug / L
Acetone	ND< 500
2-Butanone	ND< 250
2-Hexanone	ND< 250
4-Methyl-2-pentanone	ND< 250

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 250
Vinyl acetate	ND< 250

ELAP Number 10958 Method: EPA 8260B Data File: 19856.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696v6.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-0696
		Lab Sample Number:	3007
Client Job Number:	204129		
Field Location:	CCMW-1	**Date Sampled:**	03/11/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Water	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 100	1,2,4-Trimethylbenzene	ND< 100
sec-Butylbenzene	ND< 100	1,3,5-Trimethylbenzene	ND< 100
tert-Butylbenzene	ND< 100		
n-Propylbenzene	ND< 100	**Miscellaneous**	
Isopropylbenzene	ND< 100	Methyl tert-butyl Ether	ND< 100
p-Isopropyltoluene	ND< 100		
Naphthalene	ND< 250		

ELAP Number 10958 Method: EPA 8260B Data File: 19856.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696v6.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3008
Client Job Number:	204129		
Field Location:	CCMW-2	**Date Sampled:**	03/11/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Water	**Date Analyzed:**	03/16/2004

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 4.00
Bromomethane	ND< 4.00
Bromoform	ND< 4.00
Carbon Tetrachloride	ND< 4.00
Chloroethane	ND< 4.00
Chloromethane	ND< 4.00
2-Chloroethyl vinyl Ether	ND< 4.00
Chloroform	ND< 4.00
Dibromochloromethane	ND< 4.00
1,1-Dichloroethane	ND< 4.00
1,2-Dichloroethane	ND< 4.00
1,1-Dichloroethene	ND< 4.00
cis-1,2-Dichloroethene	ND< 4.00
trans-1,2-Dichloroethene	ND< 4.00
1,2-Dichloropropane	ND< 4.00
cis-1,3-Dichloropropene	ND< 4.00
trans-1,3-Dichloropropene	ND< 4.00
Methylene chloride	ND< 10.0
1,1,2,2-Tetrachloroethane	ND< 4.00
Tetrachloroethene	324
1,1,1-Trichloroethane	ND< 4.00
1,1,2-Trichloroethane	ND< 4.00
Trichloroethene	ND< 4.00
Trichlorofluoromethane	ND< 4.00
Vinyl chloride	ND< 4.00

Aromatics	Results in ug / L
Benzene	ND< 1.40
Chlorobenzene	ND< 4.00
Ethylbenzene	ND< 4.00
Toluene	ND< 4.00
m,p-Xylene	ND< 4.00
o-Xylene	ND< 4.00
Styrene	ND< 4.00
1,2-Dichlorobenzene	ND< 4.00
1,3-Dichlorobenzene	ND< 4.00
1,4-Dichlorobenzene	ND< 4.00

Ketones	Results in ug / L
Acetone	ND< 20.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 10.0
4-Methyl-2-pentanone	ND< 10.0

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 10.0
Vinyl acetate	ND< 10.0

ELAP Number 10958 Method: EPA 8260B Data File: 19857.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696v7.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: LaBella Associates

Client Job Site:	Carriage Cleaners Prelim Phase II ESA	**Lab Project Number:**	04-0696
		Lab Sample Number:	3008
Client Job Number:	204129		
Field Location:	CCMW-2	**Date Sampled:**	03/11/2004
Field ID Number:	N/A	**Date Received:**	03/11/2004
Sample Type:	Water	**Date Analyzed:**	03/16/2004

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 4.00	1,2,4-Trimethylbenzene	ND< 4.00
sec-Butylbenzene	ND< 4.00	1,3,5-Trimethylbenzene	ND< 4.00
tert-Butylbenzene	ND< 4.00		
n-Propylbenzene	ND< 4.00	**Miscellaneous**	
Isopropylbenzene	ND< 4.00	Methyl tert-butyl Ether	ND< 4.00
p-Isopropyltoluene	ND< 4.00		
Naphthalene	ND< 10.0		

ELAP Number 10958 Method: EPA 8260B Data File: 19857.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 040696v7.xls

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY:	COMPANY:	LAB PROJECT #: 04-0696 / CLIENT PROJECT #: 204129
ADDRESS:	ADDRESS:	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) STD OTHER
PHONE: FAX:	PHONE: FAX:	1 2 3 X 5
PROJECT NAME/SITE NAME:	ATTN:	ATTN:
	COMMENTS:	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS										REMARKS	PARADIGM LAB SAMPLE NUMBER				
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

****LAB USE ONLY****

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE:	PRESERVATIONS:	HOLDING TIME:	TEMPERATURE:

Sampled By:	Date/Time:	Relinquished By:	Date/Time:	Total Cost:
Relinquished By:	Date/Time:	Received By:	Date/Time:	
Received By:	Date/Time:	Received @ Lab By:	Date/Time: 2/11/04	P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-1017
		Lab Sample Number:	3989
Client Job Number:	204129		
Field Location:	B-21 / S-3 8'-11.4' BGS	**Date Sampled:**	04/12/2004
Field ID Number:	N/A	**Date Received:**	04/14/2004
Sample Type:	Soil	**Date Analyzed:**	04/21/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 7,480	1,2,4-Trimethylbenzene	212,000
sec-Butylbenzene	ND< 7,480	1,3,5-Trimethylbenzene	63,000
tert-Butylbenzene	ND< 7,480		
n-Propylbenzene	25,900	**Miscellaneous**	
Isopropylbenzene	ND< 7,480	Methyl tert-butyl Ether	ND< 7,480
p-Isopropyltoluene	ND< 7,480		
Naphthalene	26,100		

ELAP Number 10958 Method: EPA 8260B Data File: 20602.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041017V3.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:** **Lab Sample Number:**	04-1017 3989
Client Job Number:	204129		
Field Location:	B-21 / S-3 8'-11.4' BGS	**Date Sampled:**	04/12/2004
Field ID Number:	N/A	**Date Received:**	04/14/2004
Sample Type:	Soil	**Date Analyzed:**	04/21/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 7,480
Bromomethane	ND< 7,480
Bromoform	ND< 7,480
Carbon Tetrachloride	ND< 7,480
Chloroethane	ND< 7,480
Chloromethane	ND< 7,480
2-Chloroethyl vinyl Ether	ND< 7,480
Chloroform	ND< 7,480
Dibromochloromethane	ND< 7,480
1,1-Dichloroethane	ND< 7,480
1,2-Dichloroethane	ND< 7,480
1,1-Dichloroethene	ND< 7,480
cis-1,2-Dichloroethene	ND< 7,480
trans-1,2-Dichloroethene	ND< 7,480
1,2-Dichloropropane	ND< 7,480
cis-1,3-Dichloropropene	ND< 7,480
trans-1,3-Dichloropropene	ND< 7,480
Methylene chloride	ND< 18,700
1,1,2,2-Tetrachloroethane	ND< 7,480
Tetrachloroethene	ND< 7,480
1,1,1-Trichloroethane	ND< 7,480
1,1,2-Trichloroethane	ND< 7,480
Trichloroethene	ND< 7,480
Trichlorofluoromethane	ND< 7,480
Vinyl chloride	ND< 7,480

Aromatics	Results in ug / Kg
Benzene	ND< 7,480
Chlorobenzene	ND< 7,480
Ethylbenzene	47,400
Toluene	13,500
m,p-Xylene	250,000
o-Xylene	88,000
Styrene	ND< 7,480
1,2-Dichlorobenzene	ND< 7,480
1,3-Dichlorobenzene	ND< 7,480
1,4-Dichlorobenzene	ND< 7,480

Ketones	Results in ug / Kg
Acetone	ND< 37,400
2-Butanone	ND< 18,700
2-Hexanone	ND< 18,700
4-Methyl-2-pentanone	ND< 18,700

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 18,700
Vinyl acetate	ND< 18,700

ELAP Number 10958 Method: EPA 8260B Data File: 20602.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041D17V3.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-1017
		Lab Sample Number:	3988
Client Job Number:	204129		
Field Location:	B-18 / S-3 8'-11.8' BGS	**Date Sampled:**	04/12/2004
Field ID Number:	N/A	**Date Received:**	04/14/2004
Sample Type:	Soil	**Date Analyzed:**	04/20/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 11.3	1,2,4-Trimethylbenzene	ND< 11.3
sec-Butylbenzene	ND< 11.3	1,3,5-Trimethylbenzene	33.2
tert-Butylbenzene	ND< 11.3		
n-Propylbenzene	ND< 11.3	**Miscellaneous**	
Isopropylbenzene	ND< 11.3	Methyl tert-butyl Ether	321
p-Isopropyltoluene	ND< 11.3		
Naphthalene	ND< 28.2		

ELAP Number 10958 Method: EPA 8260B Data File: 20594.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger; Technical Director

Chain of Custody provides additional sample information

File ID: 041017V2.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:** **Lab Sample Number:**	04-1017 3988
Client Job Number:	204129		
Field Location:	B-18 / S-3 8'-11.8' BGS	**Date Sampled:**	04/12/2004
Field ID Number:	N/A	**Date Received:**	04/14/2004
Sample Type:	Soil	**Date Analyzed:**	04/20/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 11.3
Bromomethane	ND< 11.3
Bromoform	ND< 11.3
Carbon Tetrachloride	ND< 11.3
Chloroethane	ND< 11.3
Chloromethane	ND< 11.3
2-Chloroethyl vinyl Ether	ND< 11.3
Chloroform	ND< 11.3
Dibromochloromethane	ND< 11.3
1,1-Dichloroethane	ND< 11.3
1,2-Dichloroethane	ND< 11.3
1,1-Dichloroethene	ND< 11.3
cis-1,2-Dichloroethene	ND< 11.3
trans-1,2-Dichloroethene	ND< 11.3
1,2-Dichloropropane	ND< 11.3
cis-1,3-Dichloropropene	ND< 11.3
trans-1,3-Dichloropropene	ND< 11.3
Methylene chloride	ND< 28.2
1,1,2,2-Tetrachloroethane	ND< 11.3
Tetrachloroethene	20.7
1,1,1-Trichloroethane	ND< 11.3
1,1,2-Trichloroethane	ND< 11.3
Trichloroethene	ND< 11.3
Trichlorofluoromethane	ND< 11.3
Vinyl chloride	ND< 11.3

Aromatics	Results in ug / Kg
Benzene	ND< 11.3
Chlorobenzene	ND< 11.3
Ethylbenzene	ND< 11.3
Toluene	ND< 11.3
m,p-Xylene	ND< 11.3
o-Xylene	47.2
Styrene	ND< 11.3
1,2-Dichlorobenzene	ND< 11.3
1,3-Dichlorobenzene	ND< 11.3
1,4-Dichlorobenzene	ND< 11.3

Ketones	Results in ug / Kg
Acetone	ND< 56.5
2-Butanone	ND< 28.2
2-Hexanone	ND< 28.2
4-Methyl-2-pentanone	ND< 28.2

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 28.2
Vinyl acetate	ND< 28.2

ELAP Number 10958 Method: EPA 8260B Data File: 20594.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041017V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners	**Lab Project Number:**	04-1017
		Lab Sample Number:	3987
Client Job Number:	204129		
Field Location:	B-17 / S-3 8'-9.7' BGS	**Date Sampled:**	04/12/2004
Field ID Number:	N/A	**Date Received:**	04/14/2004
Sample Type:	Soil	**Date Analyzed:**	04/21/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 30.5	1,2,4-Trimethylbenzene	ND< 30.5
sec-Butylbenzene	ND< 30.5	1,3,5-Trimethylbenzene	ND< 30.5
tert-Butylbenzene	ND< 30.5		
n-Propylbenzene	ND< 30.5	**Miscellaneous**	
Isopropylbenzene	ND< 30.5	Methyl tert-butyl Ether	1,390
p-Isopropyltoluene	ND< 30.5		
Naphthalene	ND< 76.3		

ELAP Number 10958 Method: EPA 8260B Data File: 20603.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041017V1.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:** **Lab Sample Number:**	04-1017 3987
Client Job Number:	204129		
Field Location:	B-17 / S-3 8'-9.7' BGS	**Date Sampled:**	04/12/2004
Field ID Number:	N/A	**Date Received:**	04/14/2004
Sample Type:	Soil	**Date Analyzed:**	04/21/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 30.5
Bromomethane	ND< 30.5
Bromoform	ND< 30.5
Carbon Tetrachloride	ND< 30.5
Chloroethane	ND< 30.5
Chloromethane	ND< 30.5
2-Chloroethyl vinyl Ether	ND< 30.5
Chloroform	ND< 30.5
Dibromochloromethane	ND< 30.5
1,1-Dichloroethane	ND< 30.5
1,2-Dichloroethane	ND< 30.5
1,1-Dichloroethene	ND< 30.5
cis-1,2-Dichloroethene	ND< 30.5
trans-1,2-Dichloroethene	ND< 30.5
1,2-Dichloropropane	ND< 30.5
cis-1,3-Dichloropropene	ND< 30.5
trans-1,3-Dichloropropene	ND< 30.5
Methylene chloride	ND< 76.3
1,1,2,2-Tetrachloroethane	ND< 30.5
Tetrachloroethene	ND< 30.5
1,1,1-Trichloroethane	ND< 30.5
1,1,2-Trichloroethane	ND< 30.5
Trichloroethene	ND< 30.5
Trichlorofluoromethane	ND< 30.5
Vinyl chloride	ND< 30.5

Aromatics	Results in ug / Kg
Benzene	ND< 30.5
Chlorobenzene	ND< 30.5
Ethylbenzene	ND< 30.5
Toluene	ND< 30.5
m,p-Xylene	ND< 30.5
o-Xylene	ND< 30.5
Styrene	ND< 30.5
1,2-Dichlorobenzene	ND< 30.5
1,3-Dichlorobenzene	ND< 30.5
1,4-Dichlorobenzene	ND< 30.5

Ketones	Results in ug / Kg
Acetone	ND< 153
2-Butanone	ND< 76.3
2-Hexanone	ND< 76.3
4-Methyl-2-pentanone	ND< 76.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 76.3
Vinyl acetate	ND< 76.3

ELAP Number 10958 Method: EPA 8260B Data File: 20603.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogestegar, Technical Director

Chain of Custody provides additional sample information

File ID: 041017V1.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO

COMPANY: La Bella Associates, P.C.
ADDRESS: 300 State Street, Suite 201
CITY: Rochester STATE: N.Y. ZIP: 14614
PHONE: 585-454-6110 FAX:
ATTN: Dennis Parker
COMMENTS:

INVOICE TO

COMPANY:
ADDRESS:
CITY: SAME STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 04-1013
CLIENT PROJECT #: 204129

TURNAROUND TIME: (WORKING DAYS)
STD [X] 5 OTHER [ ]
[ ] 1 [ ] 2 [ ] 3

PROJECT NAME/SITE NAME:
Carriage Cleaners
2101 Monroe Ave
Brighton, N.Y.

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	8260 TCL PLUS STYRENE	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	4-12-04		✓		B-17/S-3 8'-9.7' BGS	Soil	1	✓		39817
2	4-12-04		✓		B-18/S-3 8'-11.8' BGS	Soil	1	✓		39818
3	4-12-04		✓		B-21/S-3 8'-11.4' BGS	Soil	1	✓		39819
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: [ ] 13°

Sampled By: Michael F. Pelychaty Date/Time: 4-12-04
Relinquished By: Date/Time: 4/14/04 12:20
Received By: Date/Time: 4-14-04 12:20

Relinquished By: Date/Time:
Received By: Date/Time:
Received @ Lab By: Kelly Crandall Date/Time: 4/14/04 1310

Total Cost:
P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:**	04-1004
		Lab Sample Number:	3952
Client Job Number:	204129		
Field Location:	SB-16	**Date Sampled:**	04/13/2004
Field ID Number:	N/A	**Date Received:**	04/13/2004
Sample Type:	Water	**Date Analyzed:**	04/15/2004

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 400
Bromomethane	ND< 400
Bromoform	ND< 400
Carbon Tetrachloride	ND< 400
Chloroethane	ND< 400
Chloromethane	ND< 400
2-Chloroethyl vinyl Ether	ND< 400
Chloroform	ND< 400
Dibromochloromethane	ND< 400
1,1-Dichloroethane	ND< 400
1,2-Dichloroethane	ND< 400
1,1-Dichloroethene	ND< 400
cis-1,2-Dichloroethene	ND< 400
trans-1,2-Dichloroethene	ND< 400
1,2-Dichloropropane	ND< 400
cis-1,3-Dichloropropene	ND< 400
trans-1,3-Dichloropropene	ND< 400
Methylene chloride	ND< 1,000
1,1,2,2-Tetrachloroethane	ND< 400
Tetrachloroethene	ND< 400
1,1,1-Trichloroethane	ND< 400
1,1,2-Trichloroethane	ND< 400
Trichloroethene	ND< 400
Trichlorofluoromethane	ND< 400
Vinyl chloride	ND< 400

Aromatics	Results in ug / L
Benzene	3,840
Chlorobenzene	ND< 400
Ethylbenzene	5,310
Toluene	30,000
m,p-Xylene	18,500
o-Xylene	7,830
Styrene	ND< 400
1,2-Dichlorobenzene	ND< 400
1,3-Dichlorobenzene	ND< 400
1,4-Dichlorobenzene	ND< 400

Ketones	Results in ug / L
Acetone	ND< 2,000
2-Butanone	ND< 1,000
2-Hexanone	ND< 1,000
4-Methyl-2-pentanone	ND< 1,000

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 1,000
Vinyl acetate	ND< 1,000

ELAP Number 10958 Method: EPA 8260B Data File: 20482.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041004V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:** **Lab Sample Number:**	04-1004 3952
Client Job Number:	204129		
Field Location:	SB-16	**Date Sampled:**	04/13/2004
Field ID Number:	N/A	**Date Received:**	04/13/2004
Sample Type:	Water	**Date Analyzed:**	04/15/2004

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 400	1,2,4-Trimethylbenzene	27,600
sec-Butylbenzene	ND< 400	1,3,5-Trimethylbenzene	7,100
tert-Butylbenzene	ND< 400		
n-Propylbenzene	2,420	**Miscellaneous**	
Isopropylbenzene	ND< 400	Methyl tert-butyl Ether	2,220
p-Isopropyltoluene	ND< 400		
Naphthalene	6,930		

ELAP Number 10958 Method: EPA 8260B Data File: 20482.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041004V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:**	04-1004
		Lab Sample Number:	3953
Client Job Number:	204129		
Field Location:	SB-20	**Date Sampled:**	04/13/2004
Field ID Number:	N/A	**Date Received:**	04/13/2004
Sample Type:	Water	**Date Analyzed:**	04/15/2004

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 5.00
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: 20451.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041004V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:**	04-1004
		Lab Sample Number:	3953
Client Job Number:	204129		
Field Location:	SB-20	**Date Sampled:**	04/13/2004
Field ID Number:	N/A	**Date Received:**	04/13/2004
Sample Type:	Water	**Date Analyzed:**	04/15/2004

Aromatics	Results in ug / L	**Aromatics**	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: 20451.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041004V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:** **Lab Sample Number:**	04-1004 3954
Client Job Number:	204129		
Field Location:	SB-24	**Date Sampled:**	04/13/2004
Field ID Number:	N/A	**Date Received:**	04/13/2004
Sample Type:	Water	**Date Analyzed:**	04/14/2004

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200
Bromomethane	ND< 200
Bromoform	ND< 200
Carbon Tetrachloride	ND< 200
Chloroethane	ND< 200
Chloromethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 200
Chloroform	ND< 200
Dibromochloromethane	ND< 200
1,1-Dichloroethane	ND< 200
1,2-Dichloroethane	ND< 200
1,1-Dichloroethene	ND< 200
cis-1,2-Dichloroethene	ND< 200
trans-1,2-Dichloroethene	ND< 200
1,2-Dichloropropane	ND< 200
cis-1,3-Dichloropropene	ND< 200
trans-1,3-Dichloropropene	ND< 200
Methylene chloride	ND< 500
1,1,2,2-Tetrachloroethane	ND< 200
Tetrachloroethene	ND< 200
1,1,1-Trichloroethane	ND< 200
1,1,2-Trichloroethane	ND< 200
Trichloroethene	ND< 200
Trichlorofluoromethane	ND< 200
Vinyl chloride	ND< 200

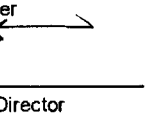
Aromatics	Results in ug / L
Benzene	985
Chlorobenzene	ND< 200
Ethylbenzene	2,350
Toluene	9,820
m,p-Xylene	14,200
o-Xylene	5,990
Styrene	ND< 200
1,2-Dichlorobenzene	ND< 200
1,3-Dichlorobenzene	ND< 200
1,4-Dichlorobenzene	ND< 200

Ketones	Results in ug / L
Acetone	ND< 1,000
2-Butanone	ND< 500
2-Hexanone	ND< 500
4-Methyl-2-pentanone	ND< 500

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 500
Vinyl acetate	ND< 500

ELAP Number 10958 Method: EPA 8260B Data File: 20452.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041004V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: LaBella Associates, P.C.

Client Job Site:	Carriage Cleaners 2101 Monroe Ave	**Lab Project Number:**	04-1004
		Lab Sample Number:	3954
Client Job Number:	204129		
Field Location:	SB-24	**Date Sampled:**	04/13/2004
Field ID Number:	N/A	**Date Received:**	04/13/2004
Sample Type:	Water	**Date Analyzed:**	04/14/2004

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 200	1,2,4-Trimethylbenzene	3,410
sec-Butylbenzene	ND< 200	1,3,5-Trimethylbenzene	896
tert-Butylbenzene	ND< 200		
n-Propylbenzene	270	**Miscellaneous**	
Isopropylbenzene	ND< 200	Methyl tert-butyl Ether	1,420
p-Isopropyltoluene	ND< 200		
Naphthalene	ND< 500		

ELAP Number 10958 Method: EPA 8260B Data File: 20452.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041004V3.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: LaBella Associates, P.C.	COMPANY:	LAB PROJECT #: 04-1004 / CLIENT PROJECT #: 204129
ADDRESS: 300 State Street, Suite 201	ADDRESS: SAME	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 585-454-6110 FAX:	PHONE: FAX:	STD / OTHER
ATTN: DENNIS PORTER	ATTN:	☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐
COMMENTS:		

PROJECT NAME/SITE NAME: Carriage Cleaners, 2101 Monroe Ave, Brighton, N.Y.

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	BTEX TCL plus STARS										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	4-13-04				SB-16	WATER	2	✓											39452
2	4-13-04				SB-20	WATER	2	✓											39453
3	4-13-04				SB-24	WATER	2	✓											39454
4																			
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ✓ 5°C

Sampled By: MICHAEL F. PELYCHATY	Date/Time: 4-13-04	Relinquished By:	Date/Time:
Relinquished By:	Date/Time: 4-13-04 14:00	Received By:	Date/Time:
Received By:	Date/Time: 4/13/04	Received @ Lab By:	Date/Time: 4-13-04/1655

Total Cost:

P.I.F.