



104 East 25th Street, 10th Floor
New York, NY 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

September 3, 2003

Ms. Susan Noddle
Noddle Development Company
13710 FNB Parkway, Suite 100
Omaha, Nebraska 68154-5200

COPY

This Co. is no longer used by Walgreen

**Re: Focused Subsurface Site Investigation Report
Proposed Walgreen Store #07294
134 Wildey Street
Tarrytown, New York
ATC Project No. 11.18067.1409**

Dear Ms. Noddle:

At the request of the Noddle Development Company, ATC Associates Inc. (ATC) has prepared this Focused Subsurface Site Investigation Report for the above referenced property (the "Site"). The site is located in a mixed-use commercial and residential area of Tarrytown, New York. According to the Village of Tarrytown Assessor's office, the Site is located on Sheet 2, Parcels 25 and 25B, Tarrytown, Westchester County, New York. The Site consists of an approximately 9,000 square foot six-store strip-mall building occupied by a dry cleaners, Fashion Optical, Tappan Zee Dental Group, a coin operated laundry, Videophile – video rental store, and Dollar Dream – a discount store. The Site is part of a larger parcel of land that is improved with one additional building and associated parking area. A review of historical information indicates that the site buildings were constructed between 1974 and 1989. Prior to the construction of the current site buildings, the site was developed with several two to three story commercial and retail buildings since at least 1887. The on-site dry cleaning facility has been located at this location for approximately 26 years. According to a Phase I Environmental Site Assessment, prepared by ATC, dated June 25, 2003 the following environmental concerns requiring additional investigation were identified:

- The historical usage, storage and handling of chemicals associated with the dry cleaning facility at the Site.
- The lack of environmental testing records associated with a 550-gallon fuel oil underground storage tank (UST).

WORK PERFORMED AND FIELD OBSERVATIONS

On August 12, 2003, Aquifer Drilling & Testing (ADT) installed a total of four (4) borings to assess soil and groundwater quality at the Site. Boring locations are represented on Figure 1 – Soil Boring Location Map.

The borings were installed utilizing a track-mounted hydraulic direct push drilling rig (Geoprobe). The borings were completed to groundwater or refusal, whichever occurred first.

Borings B-1, B-2, and B-3 were installed along the northern side of the Site building, behind the dry cleaning facility. Boring B-4 was installed in the parking lot on front of the dry cleaning facility. Boring B-1 was installed to a depth of 4 below ground surface (bgs) due to refusal on bedrock, which consisted of weathered schist. Borings B-2, B-3, and B-4 were installed to a depth of 8 feet bgs also due to refusal on bedrock.

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Approximately 4-6 feet of fill material consisting of medium to coarse dark brown sands with little gravel, brick, coal and ash was noted beneath the Site. Native material consisting of medium to fine brown sands and silt with some medium gravel were noted from 6 to 8 feet bgs to the water table. Depth to bedrock was approximately 4 to 8 feet bgs. Depth to groundwater was approximately 6.5-7 feet bgs.

No petroleum odors were noted in any soil samples collected from the borings. However, ATC observed stained black soil in Borings B-2 and B-3 at a depth of 8 feet bgs.

Soil samples were collected for laboratory analysis at depths of 3-4 feet bgs from boring B-1 due to refusal on bedrock consisting of schist; 5-6 feet bgs from boring B-2; 5-6 feet bgs from boring B-3; and 5-6 feet bgs from boring B-4. In addition, groundwater samples were collected from Borings B-2, B-3, and B-4.

All soil samples were placed in appropriate containers supplied by the laboratory. ATC completed chain of custody documents prior to sample shipment. The samples were cooled with wet ice during shipment to the laboratory. All samples were submitted to SPL of Houston, Texas (New York State Lab Id # 11725). The soil samples were analyzed for volatile organic compounds (VOCs) and New York State Department of Environmental Conservation Spill Technology and Remediation Series (NYSDEC STARS) polynuclear aromatic hydrocarbons (PAHs), in accordance with USEPA Methods 8260, and 8270, respectively.

Groundwater samples were analyzed for VOCs in accordance with EPA Method 8260.

RESULTS OF LABORATORY ANALYSES

Soil Sample Results

Laboratory results of the soil sample analyses are presented in *Attachment A*. A summary of these results is presented in Table 1. Concentrations are compared to NYSDEC's Technical and Administrative Guidance Memo (TAGM) #4046 for soil clean up objectives. Elevated levels of PAHs above the NYSDEC's TAGM #4046 soil cleanup objectives were detected in Borings B-2, B-3 and B-4.

Groundwater Sample Results

Laboratory results of the groundwater sample analyses are also presented in *Attachment A*. A summary of these results is presented in Table 2. Groundwater concentrations were also compared to NYSDEC's Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values. Tetrachloroethene was detected at the NYSDEC TOGS Water Quality Guidance Values standard in groundwater sample GW-1 and vinyl chloride were detected above NYSDEC TOGS Water Quality Guidance Values standards in groundwater sample GW-2, respectively.

CONCLUSIONS

Based on the results of this investigation ATC offers the following conclusions:

- PAHs were detected above the TAGM soil cleanup objectives in three of the four soil borings installed. The elevated PAHs may be related to the fill material observed at the Site or possibly leakage of fuel oil.

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- Tetrachloroethene was detected at the NYSDEC groundwater cleanup standard in groundwater sample GW-1 and vinyl chloride was detected above NYSDEC groundwater cleanup standard in groundwater sample GW-2.
- Tetrachloroethene is a chlorinated hydrocarbon solvent commonly used in dry-cleaning fluid, spot removers, and degreasers. On-site releases from dry cleaning operations may have contributed to groundwater contamination.

which is a subsurface investigation
Based on the above conclusions, ATC recommends that a pressure test be conducted on the UST in order to assess the integrity of the tank. Additionally, ATC recommends further investigation to delineate the lateral and vertical extent of the groundwater contamination.

What is different from this and the Phase 2
If you have any questions regarding this report, please feel free to call our office.

Sincerely,
ATC ASSOCIATES INC.

Sharissa Singh
Sharissa Singh
Project Geologist

David M. Winslow
David M. Winslow, Ph.D., P.G.
Site Investigation/Remediation Manager

ATTACHMENTS:

Figure 1 Soil Boring Location Map
Figure 2 Site Location Map

Table 1 Summary of Analytical Results of Soil samples
Table 2 Summary of Analytical Results of Groundwater Samples

Attachment A Laboratory Analytical Results
Attachment B Boring Logs

Focused Subsurface Site Investigation Report
Proposed Walgreen Store #07294
134 Wildey Street
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FIGURES

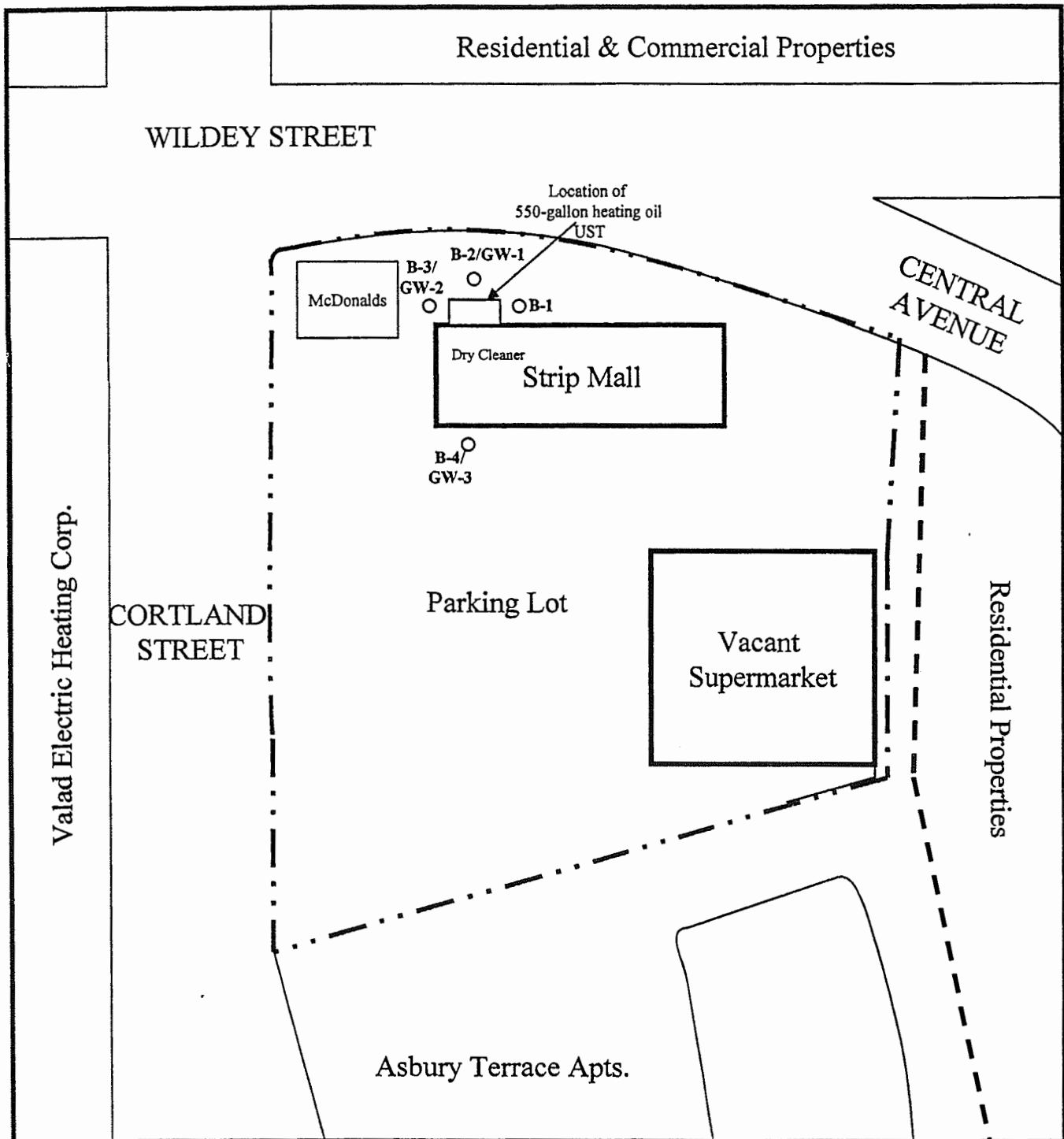


FIGURE 1 - SOIL BORING LOCATION MAP



104 East 25th Street, 8th Floor
New York, NY 10010-2917
Phone (212) 353-8280 • Fax (212) 979-8447

SITE: 134 Wildey Street
Tarrytown, New York

CLIENT: Noddle Development Company

ATC PROJECT #: 11.18067.1409

SCALE: Not to Scale

Legend

--- Site boundary

□ Site buildings



**Focused Subsurface Site Investigation Report
Proposed Walgreen Store #07294
134 Wildey Street
Tarrytown, New York**

TABLES

TABLE 1
SUMMARY OF ANALYTICAL SOIL RESULTS - AUGUST 2003
PROPOSED WALGREEN STORE # 07294
134 WILDEY STREET, TARRYTOWN, N.Y.

Sample ID.	B-1	B-2	B-3	B-4	TAGM
Lab Sample Number	03080418-01	03080418-02	03080418-03	03080418-04	Recommended
Sample Depth (ft)*	3-4'	5-8'	5-6'	5-6'	Soil Cleanup
Date Collected	8/12/2003	8/12/2003	8/12/2003	8/12/2003	Objective
Media	Soil	Soil	Soil	Soil	
Semi-Volatile Organic Compounds					
Acenaphthene	N.D.	N.D.	N.D.	N.D.	50
Anthracene	N.D.	N.D.	N.D.	N.D.	50
Benzo(a) anthracene	N.D.	N.D.	0.69	N.D.	.224 or MDL
Benzo(a) pyrene	N.D.	N.D.	0.78	N.D.	0.061 or MDL
Benzo(b) fluoranthene	N.D.	0.53 J	0.91	0.46	0.061 or MDL
Benzo(g,h,i) perylene	N.D.	N.D.	0.39	N.D.	50
Benzo(k) fluoranthene	N.D.	N.D.	0.48	N.D.	0.61 or MDL
Chrysene	N.D.	N.D.	0.69	N.D.	0.4
Dibenz(a,h) anthracene	N.D.	N.D.	N.D.	N.D.	0.0143 or MDL
Fluoranthene	N.D.	N.D.	1	0.53	50
Fluorene	N.D.	N.D.	N.D.	N.D.	50
Ideno(1,2,3-cd) pyrene	N.D.	N.D.	N.D.	N.D.	3.2
Napthalene	N.D.	N.D.	N.D.	N.D.	13
Phenanthrene	N.D.	N.D.	0.49	0.44	50
Pyrene	N.D.	N.D.	1	0.51	50
Volatile Organic Compounds					
Tetrachloroethene	ND	0.0079	N.D.	N.D.	0.7

*-Sample depth is in feet below ground surface

All concentrations reported in mg/kg (parts per million)

ND=Non-detected

J Estimated value between MDL and PQL

TAGM=Technical Administrative Guidance Memo #4046

Bold value indicates an exceedance of the TAGM Recommended Soil Cleanup Objective

TABLE 2

**SUMMARY OF ANALYTICAL GROUNDWATER RESULTS - AUGUST 2003
PROPOSED WALGREEN STORE # 07294 134 WILDEY STREET, TARRYTOWN, NY**

Sample ID.	GW-1	GW-2	GW-3	Trip Blank	TOGS
Lab Sample Number	03080418-05	03080418-06	03080418-07	03080418-08	Groundwater
Date Collected	8/12/2003	8/12/2003	8/12/2003	8/12/2003	Standards
Media	Water	Water	Water	Water	
<i>Volatile Organic Compounds</i>					
Tetrachloroethene	5	ND	ND	ND	5
Vinyl Chloride	ND	13	ND	ND	2

*-Sample depth is in feet below ground surface

All concentrations reported in ug/l (parts per billion)

ND=Non-detect

TOGS= Technical and Operational Guidance Series-Ambient Water Quality Standards and Guidance Values

Bold Value indicates an exceedance of the TOGS GW Quality Standard

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Proposed Walgreen Store #07294
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Tarrytown, New York**

ATTACHMENT A

Laboratory Analytical Results



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-1 (3-4')

Collected: 08/12/2003 10:45

SPL Sample ID: 03080418-01

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B		MCL	SW8260B	Units: ug/Kg-dry			
1,1,1,2-Tetrachloroethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,1,1-Trichloroethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,1,2,2-Tetrachloroethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,1,2-Trichloroethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,1-Dichloroethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,1-Dichloroethene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,1-Dichloropropene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2,3-Trichlorobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2,3-Trichloropropane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2,4-Trichlorobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2,4-Trimethylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2-Dibromo-3-chloropropane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2-Dibromoethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2-Dichlorobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2-Dichloroethane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2-Dichloropropane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,3,5-Trimethylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,3-Dichlorobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
1,3-Dichloropropane	ND	5.6	1		08/14/03 16:01	ME	1824424
1,4-Dichlorobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
2,2-Dichloropropane	ND	5.6	1		08/14/03 16:01	ME	1824424
2-Butanone	ND	22	1		08/14/03 16:01	ME	1824424
2-Chloroethyl vinyl ether	ND	11	1		08/14/03 16:01	ME	1824424
2-Chlorotoluene	ND	5.6	1		08/14/03 16:01	ME	1824424
2-Hexanone	ND	11	1		08/14/03 16:01	ME	1824424
4-Chlorotoluene	ND	5.6	1		08/14/03 16:01	ME	1824424
4-Isopropyltoluene	ND	5.6	1		08/14/03 16:01	ME	1824424
4-Methyl-2-pentanone	ND	11	1		08/14/03 16:01	ME	1824424
Acetone	ND	110	1		08/14/03 16:01	ME	1824424
Acrylonitrile	ND	56	1		08/14/03 16:01	ME	1824424
Benzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Bromobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Bromochloromethane	ND	5.6	1		08/14/03 16:01	ME	1824424
Bromodichloromethane	ND	5.6	1		08/14/03 16:01	ME	1824424
Bromoform	ND	5.6	1		08/14/03 16:01	ME	1824424
Bromomethane	ND	11	1		08/14/03 16:01	ME	1824424
Carbon disulfide	ND	5.6	1		08/14/03 16:01	ME	1824424
Carbon tetrachloride	ND	5.6	1		08/14/03 16:01	ME	1824424
Chlorobenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Chloroethane	ND	11	1		08/14/03 16:01	ME	1824424

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-1 (3-4')

Collected: 08/12/2003 10:45

SPL Sample ID: 03080418-01

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5.6	1		08/14/03 16:01	ME	1824424
Chloromethane	ND	11	1		08/14/03 16:01	ME	1824424
dibromochloromethane	ND	5.6	1		08/14/03 16:01	ME	1824424
Dibromomethane	ND	5.6	1		08/14/03 16:01	ME	1824424
Dichlorodifluoromethane	ND	11	1		08/14/03 16:01	ME	1824424
Ethylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Hexachlorobutadiene	ND	5.6	1		08/14/03 16:01	ME	1824424
Isopropylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Methyl tert-butyl ether	ND	5.6	1		08/14/03 16:01	ME	1824424
Methylene chloride	ND	5.6	1		08/14/03 16:01	ME	1824424
n-Butylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
n-Propylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Naphthalene	ND	5.6	1		08/14/03 16:01	ME	1824424
sec-Butylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Styrene	ND	5.6	1		08/14/03 16:01	ME	1824424
tert-Butylbenzene	ND	5.6	1		08/14/03 16:01	ME	1824424
Tetrachloroethene	ND	5.6	1		08/14/03 16:01	ME	1824424
Toluene	ND	5.6	1		08/14/03 16:01	ME	1824424
Trichloroethene	ND	5.6	1		08/14/03 16:01	ME	1824424
Trichlorofluoromethane	ND	5.6	1		08/14/03 16:01	ME	1824424
Vinyl acetate	ND	11	1		08/14/03 16:01	ME	1824424
Vinyl chloride	ND	11	1		08/14/03 16:01	ME	1824424
cis-1,2-Dichloroethene	ND	5.6	1		08/14/03 16:01	ME	1824424
cis-1,3-Dichloropropene	ND	5.6	1		08/14/03 16:01	ME	1824424
m,p-Xylene	ND	5.6	1		08/14/03 16:01	ME	1824424
o-Xylene	ND	5.6	1		08/14/03 16:01	ME	1824424
trans-1,2-Dichloroethene	ND	5.6	1		08/14/03 16:01	ME	1824424
trans-1,3-Dichloropropene	ND	5.6	1		08/14/03 16:01	ME	1824424
Xylenes, Total	ND	5.6	1		08/14/03 16:01	ME	1824424
1,2-Dichloroethene (total)	ND	5.6	1		08/14/03 16:01	ME	1824424
Surr: 1,2-Dichloroethane-d4	80.0 %	64-13C	1		08/14/03 16:01	ME	1824424
Surr: 4-Bromofluorobenzene	88.0 %	62-13C	1		08/14/03 16:01	ME	1824424
Surr: Toluene-d8	104 %	70-14C	1		08/14/03 16:01	ME	1824424

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-2 (5-6')

Collected: 08/12/2003 11:30

SPL Sample ID: 03080418-02

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/Kg-dry		
1,1,1,2-Tetrachloroethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,1,1-Trichloroethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,1,2,2-Tetrachloroethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,1,2-Trichloroethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,1-Dichloroethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,1-Dichloroethene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,1-Dichloropropene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2,3-Trichlorobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2,3-Trichloropropane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2,4-Trichlorobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2,4-Trimethylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2-Dibromo-3-chloropropane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2-Dibromoethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2-Dichlorobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2-Dichloroethane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2-Dichloropropane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,3,5-Trimethylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,3-Dichlorobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
1,3-Dichloropropane	ND	5.6	1		08/14/03 17:27	ME	1824429
1,4-Dichlorobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
2,2-Dichloropropane	ND	5.6	1		08/14/03 17:27	ME	1824429
2-Butanone	ND	22	1		08/14/03 17:27	ME	1824429
2-Chloroethyl vinyl ether	ND	11	1		08/14/03 17:27	ME	1824429
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2-Hexanone	ND	11	1		08/14/03 17:27	ME	1824429
4-Chlorotoluene	ND	5.6	1		08/14/03 17:27	ME	1824429
4-Isopropyltoluene	ND	5.6	1		08/14/03 17:27	ME	1824429
4-Methyl-2-pentanone	ND	11	1		08/14/03 17:27	ME	1824429
Acetone	ND	110	1		08/14/03 17:27	ME	1824429
Acrylonitrile	ND	56	1		08/14/03 17:27	ME	1824429
Benzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Bromobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Bromochloromethane	ND	5.6	1		08/14/03 17:27	ME	1824429
Bromodichloromethane	ND	5.6	1		08/14/03 17:27	ME	1824429
Bromoform	ND	5.6	1		08/14/03 17:27	ME	1824429
Bromomethane	ND	11	1		08/14/03 17:27	ME	1824429
Carbon disulfide	ND	5.6	1		08/14/03 17:27	ME	1824429
Carbon tetrachloride	ND	5.6	1		08/14/03 17:27	ME	1824429
Chlorobenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Chloroethane	ND	11	1		08/14/03 17:27	ME	1824429

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-2 (5-6')

Collected: 08/12/2003 11:30 SPL Sample ID: 03080418-02

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5.6	1		08/14/03 17:27	ME	1824429
Chloromethane	ND	11	1		08/14/03 17:27	ME	1824429
dibromochloromethane	ND	5.6	1		08/14/03 17:27	ME	1824429
Dibromomethane	ND	5.6	1		08/14/03 17:27	ME	1824429
Dichlorodifluoromethane	ND	11	1		08/14/03 17:27	ME	1824429
Ethylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Hexachlorobutadiene	ND	5.6	1		08/14/03 17:27	ME	1824429
Isopropylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Methyl tert-butyl ether	ND	5.6	1		08/14/03 17:27	ME	1824429
Methylene chloride	ND	5.6	1		08/14/03 17:27	ME	1824429
n-Butylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
n-Propylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Naphthalene	ND	5.6	1		08/14/03 17:27	ME	1824429
sec-Butylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Styrene	ND	5.6	1		08/14/03 17:27	ME	1824429
tert-Butylbenzene	ND	5.6	1		08/14/03 17:27	ME	1824429
Tetrachloroethene	7.9	5.6	1		08/14/03 17:27	ME	1824429
Toluene	ND	5.6	1		08/14/03 17:27	ME	1824429
Trichloroethene	ND	5.6	1		08/14/03 17:27	ME	1824429
Trichlorofluoromethane	ND	5.6	1		08/14/03 17:27	ME	1824429
Vinyl acetate	ND	11	1		08/14/03 17:27	ME	1824429
Vinyl chloride	ND	11	1		08/14/03 17:27	ME	1824429
cis-1,2-Dichloroethene	ND	5.6	1		08/14/03 17:27	ME	1824429
cis-1,3-Dichloropropene	ND	5.6	1		08/14/03 17:27	ME	1824429
m,p-Xylene	ND	5.6	1		08/14/03 17:27	ME	1824429
o-Xylene	ND	5.6	1		08/14/03 17:27	ME	1824429
trans-1,2-Dichloroethene	ND	5.6	1		08/14/03 17:27	ME	1824429
trans-1,3-Dichloropropene	ND	5.6	1		08/14/03 17:27	ME	1824429
Xylenes, Total	ND	5.6	1		08/14/03 17:27	ME	1824429
1,2-Dichloroethene (total)	ND	5.6	1		08/14/03 17:27	ME	1824429
Surr: 1,2-Dichloroethane-d4	90.0	% 64-13C	1		08/14/03 17:27	ME	1824429
Surr: 4-Bromofluorobenzene	90.0	% 62-13C	1		08/14/03 17:27	ME	1824429
Surr: Toluene-d8	106	% 70-14C	1		08/14/03 17:27	ME	1824429

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-3 (5-6')

Collected: 08/12/2003 12:00

SPL Sample ID: 03080418-03

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B		MCL	SW8260B	Units: ug/Kg-dry			
1,1,1,2-Tetrachloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,1,1-Trichloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,1,2,2-Tetrachloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,1,2-Trichloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,1-Dichloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,1-Dichloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,1-Dichloropropene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2,3-Trichlorobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2,3-Trichloropropane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2,4-Trichlorobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2,4-Trimethylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2-Dibromo-3-chloropropane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2-Dibromoethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2-Dichlorobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2-Dichloroethane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2-Dichloropropane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,3,5-Trimethylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,3-Dichlorobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
1,3-Dichloropropane	ND	5.8	1		08/15/03 12:55	ME	1828378
1,4-Dichlorobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
2,2-Dichloropropane	ND	5.8	1		08/15/03 12:55	ME	1828378
2-Butanone	ND	23	1		08/15/03 12:55	ME	1828378
2-Chloroethyl vinyl ether	ND	12	1		08/15/03 12:55	ME	1828378
2-Chlorotoluene	ND	5.8	1		08/15/03 12:55	ME	1828378
2-Hexanone	ND	12	1		08/15/03 12:55	ME	1828378
4-Chlorotoluene	ND	5.8	1		08/15/03 12:55	ME	1828378
4-Isopropyltoluene	ND	5.8	1		08/15/03 12:55	ME	1828378
4-Methyl-2-pentanone	ND	12	1		08/15/03 12:55	ME	1828378
Acetone	ND	120	1		08/15/03 12:55	ME	1828378
Acrylonitrile	ND	58	1		08/15/03 12:55	ME	1828378
Benzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Bromobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Bromochloromethane	ND	5.8	1		08/15/03 12:55	ME	1828378
Bromodichloromethane	ND	5.8	1		08/15/03 12:55	ME	1828378
Bromoform	ND	5.8	1		08/15/03 12:55	ME	1828378
Bromomethane	ND	12	1		08/15/03 12:55	ME	1828378
Carbon disulfide	ND	5.8	1		08/15/03 12:55	ME	1828378
Carbon tetrachloride	ND	5.8	1		08/15/03 12:55	ME	1828378
Chlorobenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Chloroethane	ND	12	1		08/15/03 12:55	ME	1828378

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-3 (5-6')

Collected: 08/12/2003 12:00

SPL Sample ID: 03080418-03

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5.8	1		08/15/03 12:55	ME	1828378
Chloromethane	ND	12	1		08/15/03 12:55	ME	1828378
dibromochloromethane	ND	5.8	1		08/15/03 12:55	ME	1828378
Dibromomethane	ND	5.8	1		08/15/03 12:55	ME	1828378
Dichlorodifluoromethane	ND	12	1		08/15/03 12:55	ME	1828378
Ethylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Hexachlorobutadiene	ND	5.8	1		08/15/03 12:55	ME	1828378
Isopropylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Methyl tert-butyl ether	ND	5.8	1		08/15/03 12:55	ME	1828378
Methylene chloride	ND	5.8	1		08/15/03 12:55	ME	1828378
n-Butylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
n-Propylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Naphthalene	ND	5.8	1		08/15/03 12:55	ME	1828378
sec-Butylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Styrene	ND	5.8	1		08/15/03 12:55	ME	1828378
tert-Butylbenzene	ND	5.8	1		08/15/03 12:55	ME	1828378
Tetrachloroethene	ND	5.8	1		08/15/03 12:55	ME	1828378
Toluene	ND	5.8	1		08/15/03 12:55	ME	1828378
Trichloroethene	ND	5.8	1		08/15/03 12:55	ME	1828378
Trichlorofluoromethane	ND	5.8	1		08/15/03 12:55	ME	1828378
Vinyl acetate	ND	12	1		08/15/03 12:55	ME	1828378
Vinyl chloride	ND	12	1		08/15/03 12:55	ME	1828378
cis-1,2-Dichloroethene	ND	5.8	1		08/15/03 12:55	ME	1828378
cis-1,3-Dichloropropene	ND	5.8	1		08/15/03 12:55	ME	1828378
m,p-Xylene	ND	5.8	1		08/15/03 12:55	ME	1828378
o-Xylene	ND	5.8	1		08/15/03 12:55	ME	1828378
trans-1,2-Dichloroethene	ND	5.8	1		08/15/03 12:55	ME	1828378
trans-1,3-Dichloropropene	ND	5.8	1		08/15/03 12:55	ME	1828378
Xylenes, Total	ND	5.8	1		08/15/03 12:55	ME	1828378
1,2-Dichloroethene (total)	ND	5.8	1		08/15/03 12:55	ME	1828378
Surr: 1,2-Dichloroethane-d4	78.0	% 64-13C	1		08/15/03 12:55	ME	1828378
Surr: 4-Bromofluorobenzene	90.0	% 62-13C	1		08/15/03 12:55	ME	1828378
Surr: Toluene-d8	106	% 70-14C	1		08/15/03 12:55	ME	1828378

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-4 (5-6')

Collected: 08/12/2003 13:35 SPL Sample ID: 03080418-04

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/Kg-dry		
1,1,1,2-Tetrachloroethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,1,1-Trichloroethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,1,2,2-Tetrachloroethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,1,2-Trichloroethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,1-Dichloroethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,1-Dichloroethene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,1-Dichloropropene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2,3-Trichlorobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2,3-Trichloropropane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2,4-Trichlorobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2,4-Trimethylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2-Dibromo-3-chloropropane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2-Dibromoethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2-Dichlorobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2-Dichloroethane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2-Dichloropropane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,3,5-Trimethylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,3-Dichlorobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
1,3-Dichloropropane	ND	5.8	1		08/15/03 20:00	ME	1828388
1,4-Dichlorobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
2,2-Dichloropropane	ND	5.8	1		08/15/03 20:00	ME	1828388
2-Butanone	ND	23	1		08/15/03 20:00	ME	1828388
2-Chloroethyl vinyl ether	ND	12	1		08/15/03 20:00	ME	1828388
2-Chlorotoluene	ND	5.8	1		08/15/03 20:00	ME	1828388
2-Hexanone	ND	12	1		08/15/03 20:00	ME	1828388
4-Chlorotoluene	ND	5.8	1		08/15/03 20:00	ME	1828388
4-Isopropyltoluene	ND	5.8	1		08/15/03 20:00	ME	1828388
4-Methyl-2-pentanone	ND	12	1		08/15/03 20:00	ME	1828388
Acetone	ND	120	1		08/15/03 20:00	ME	1828388
Acrylonitrile	ND	58	1		08/15/03 20:00	ME	1828388
Benzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Bromobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Bromochloromethane	ND	5.8	1		08/15/03 20:00	ME	1828388
Bromodichloromethane	ND	5.8	1		08/15/03 20:00	ME	1828388
Bromoform	ND	5.8	1		08/15/03 20:00	ME	1828388
Bromomethane	ND	12	1		08/15/03 20:00	ME	1828388
Carbon disulfide	ND	5.8	1		08/15/03 20:00	ME	1828388
Carbon tetrachloride	ND	5.8	1		08/15/03 20:00	ME	1828388
Chlorobenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Chloroethane	ND	12	1		08/15/03 20:00	ME	1828388

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-4 (5-6')

Collected: 08/12/2003 13:35

SPL Sample ID: 03080418-04

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5.8	1		08/15/03 20:00	ME	1828388
Chloromethane	ND	12	1		08/15/03 20:00	ME	1828388
dibromochloromethane	ND	5.8	1		08/15/03 20:00	ME	1828388
Dibromomethane	ND	5.8	1		08/15/03 20:00	ME	1828388
Dichlorodifluoromethane	ND	12	1		08/15/03 20:00	ME	1828388
Ethylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Hexachlorobutadiene	ND	5.8	1		08/15/03 20:00	ME	1828388
Isopropylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Methyl tert-butyl ether	ND	5.8	1		08/15/03 20:00	ME	1828388
Methylene chloride	ND	5.8	1		08/15/03 20:00	ME	1828388
n-Butylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
n-Propylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Naphthalene	ND	5.8	1		08/15/03 20:00	ME	1828388
sec-Butylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Styrene	ND	5.8	1		08/15/03 20:00	ME	1828388
tert-Butylbenzene	ND	5.8	1		08/15/03 20:00	ME	1828388
Tetrachloroethene	ND	5.8	1		08/15/03 20:00	ME	1828388
Toluene	ND	5.8	1		08/15/03 20:00	ME	1828388
Trichloroethene	ND	5.8	1		08/15/03 20:00	ME	1828388
Trichlorofluoromethane	ND	5.8	1		08/15/03 20:00	ME	1828388
Vinyl acetate	ND	12	1		08/15/03 20:00	ME	1828388
Vinyl chloride	ND	12	1		08/15/03 20:00	ME	1828388
cis-1,2-Dichloroethene	ND	5.8	1		08/15/03 20:00	ME	1828388
cis-1,3-Dichloropropene	ND	5.8	1		08/15/03 20:00	ME	1828388
m,p-Xylene	ND	5.8	1		08/15/03 20:00	ME	1828388
o-Xylene	ND	5.8	1		08/15/03 20:00	ME	1828388
trans-1,2-Dichloroethene	ND	5.8	1		08/15/03 20:00	ME	1828388
trans-1,3-Dichloropropene	ND	5.8	1		08/15/03 20:00	ME	1828388
Xylenes, Total	ND	5.8	1		08/15/03 20:00	ME	1828388
1,2-Dichloroethene (total)	ND	5.8	1		08/15/03 20:00	ME	1828388
Surr: 1,2-Dichloroethane-d4	74.0	% 64-13C	1		08/15/03 20:00	ME	1828388
Surr: 4-Bromofluorobenzene	92.0	% 62-13C	1		08/15/03 20:00	ME	1828388
Surr: Toluene-d8	104	% 70-14C	1		08/15/03 20:00	ME	1828388

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-1 (3-4')

Collected: 08/12/2003 10:45 SPL Sample ID: 03080418-01

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Liml	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE			MCL	D2216	Units: wt%		
Percent Moisture	11.1	0	1		08/15/03 16:00	LM	1825612
SEMIVOLATILE ORGANICS BY METHOD 8270C			MCL	SW8270C	Units: ug/Kg-dry		
Acenaphthene	ND	370	1		08/25/03 18:51	GY	1839510
Anthracene	ND	370	1		08/25/03 18:51	GY	1839510
Benz(a)anthracene	ND	370	1		08/25/03 18:51	GY	1839510
Benzo(a)pyrene	ND	370	1		08/25/03 18:51	GY	1839510
Benzo(b)fluoranthene	ND	370	1		08/25/03 18:51	GY	1839510
Benzo(g,h,i)perylene	ND	370	1		08/25/03 18:51	GY	1839510
Benzo(k)fluoranthene	ND	370	1		08/25/03 18:51	GY	1839510
Chrysene	ND	370	1		08/25/03 18:51	GY	1839510
Dibenz(a,h)anthracene	ND	370	1		08/25/03 18:51	GY	1839510
Fluoranthene	ND	370	1		08/25/03 18:51	GY	1839510
Fluorene	ND	370	1		08/25/03 18:51	GY	1839510
Indeno(1,2,3-cd)pyrene	ND	370	1		08/25/03 18:51	GY	1839510
Naphthalene	ND	370	1		08/25/03 18:51	GY	1839510
Phenanthrene	ND	370	1		08/25/03 18:51	GY	1839510
Pyrene	ND	370	1		08/25/03 18:51	GY	1839510
Surr: 2,4,6-Tribromophenol	84.0 %	19-122	1		08/25/03 18:51	GY	1839510
Surr: 2-Fluorobiphenyl	76.5 %	30-115	1		08/25/03 18:51	GY	1839510
Surr: 2-Fluorophenol	68.0 %	25-121	1		08/25/03 18:51	GY	1839510
Surr: Nitrobenzene-d5	64.7 %	23-120	1		08/25/03 18:51	GY	1839510
Surr: Phenol-d5	72.0 %	24-113	1		08/25/03 18:51	GY	1839510
Surr: Terphenyl-d14	82.4 %	18-137	1		08/25/03 18:51	GY	1839510

Prep Method	Prep Date	Prep Initials
SW3550B	08/14/2003 10:52	J_L

Sonia West

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Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-2 (5-6') Collected: 08/12/2003 11:30 SPL Sample ID: 03080418-02

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE		MCL	D2216	Units: wt%			
Percent Moisture	11.1	0	1		08/15/03 16:00	LM	1825614
SEMIVOLATILE ORGANICS BY METHOD 8270C		MCL	SW8270C	Units: ug/Kg-dry			
Acenaphthene	ND	1500	4		08/25/03 19:20	GY	1839511
Anthracene	ND	1500	4		08/25/03 19:20	GY	1839511
Benzo(a)anthracene	ND	1500	4		08/25/03 19:20	GY	1839511
Benzo(a)pyrene	ND	1500	4		08/25/03 19:20	GY	1839511
Benzo(b)fluoranthene	530 J	1500	4		08/25/03 19:20	GY	1839511
Benzo(g,h,i)perylene	ND	1500	4		08/25/03 19:20	GY	1839511
Benzo(k)fluoranthene	ND	1500	4		08/25/03 19:20	GY	1839511
Chrysene	ND	1500	4		08/25/03 19:20	GY	1839511
Dibenz(a,h)anthracene	ND	1500	4		08/25/03 19:20	GY	1839511
Fluoranthene	ND	1500	4		08/25/03 19:20	GY	1839511
Fluorene	ND	1500	4		08/25/03 19:20	GY	1839511
Indeno(1,2,3-cd)pyrene	ND	1500	4		08/25/03 19:20	GY	1839511
Naphthalene	ND	1500	4		08/25/03 19:20	GY	1839511
Phenanthrene	ND	1500	4		08/25/03 19:20	GY	1839511
Pyrene	ND	1500	4		08/25/03 19:20	GY	1839511
Surr: 2,4,6-Tribromophenol	52.0 %	19-122	4		08/25/03 19:20	GY	1839511
Surr: 2-Fluorobiphenyl	70.6 %	30-115	4		08/25/03 19:20	GY	1839511
Surr: 2-Fluorophenol	60.0 %	25-121	4		08/25/03 19:20	GY	1839511
Surr: Nitrobenzene-d5	64.7 %	23-120	4		08/25/03 19:20	GY	1839511
Surr: Phenol-d5	68.0 %	24-113	4		08/25/03 19:20	GY	1839511
Surr: Terphenyl-d14	70.6 %	18-137	4		08/25/03 19:20	GY	1839511

Prep Method	Prep Date	Prep Initials
SW3550B	08/14/2003 10:52	J_L

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-3 (5-6')

Collected: 08/12/2003 12:00

SPL Sample ID: 03080418-03

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE			MCL	D2216	Units: wt%		
Percent Moisture	13.1	0	1		08/15/03 16:00	LM	1825615
SEMIVOLATILE ORGANICS BY METHOD 8270C			MCL	SW8270C	Units: ug/Kg-dry		
Acenaphthene	ND	380	1		08/25/03 19:50	GY	1839513
Anthracene	ND	380	1		08/25/03 19:50	GY	1839513
Benz(a)anthracene	690	380	1		08/25/03 19:50	GY	1839513
Benzo(a)pyrene	780	380	1		08/25/03 19:50	GY	1839513
Benzo(b)fluoranthene	910	380	1		08/25/03 19:50	GY	1839513
Benzo(g,h,i)perylene	390	380	1		08/25/03 19:50	GY	1839513
Benzo(k)fluoranthene	480	380	1		08/25/03 19:50	GY	1839513
Chrysene	690	380	1		08/25/03 19:50	GY	1839513
Dibenz(a,h)anthracene	ND	380	1		08/25/03 19:50	GY	1839513
Fluoranthene	1000	380	1		08/25/03 19:50	GY	1839513
Fluorene	ND	380	1		08/25/03 19:50	GY	1839513
Indeno(1,2,3-cd)pyrene	ND	380	1		08/25/03 19:50	GY	1839513
Naphthalene	ND	380	1		08/25/03 19:50	GY	1839513
Phenanthrene	490	380	1		08/25/03 19:50	GY	1839513
Pyrene	1000	380	1		08/25/03 19:50	GY	1839513
Surr: 2,4,6-Tribromophenol	84.0 %	19-122	1		08/25/03 19:50	GY	1839513
Surr: 2-Fluorobiphenyl	82.4 %	30-115	1		08/25/03 19:50	GY	1839513
Surr: 2-Fluorophenol	68.0 %	25-121	1		08/25/03 19:50	GY	1839513
Surr: Nitrobenzene-d5	70.6 %	23-120	1		08/25/03 19:50	GY	1839513
Surr: Phenol-d5	80.0 %	24-115	1		08/25/03 19:50	GY	1839513
Surr: Terphenyl-d14	82.4 %	18-137	1		08/25/03 19:50	GY	1839513

Prep Method	Prep Date	Prep Initials
SW3550B	08/14/2003 10:52	J. L.

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID B-4 (5-6')

Collected: 08/12/2003 13:35

SPL Sample ID: 03080418-04

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE		MCL	D2216	Units: wt%			
Percent Moisture	13.9	0	1		08/15/03 16:00	LM	1825616
SEMIVOLATILE ORGANICS BY METHOD 8270C		MCL	SW8270C	Units: ug/Kg-dry			
Acenaphthene	ND	380	1		08/25/03 20:15	GY	1839515
Anthracene	ND	380	1		08/25/03 20:15	GY	1839515
Benz(a)anthracene	ND	380	1		08/25/03 20:15	GY	1839515
Benzo(a)pyrene	ND	380	1		08/25/03 20:15	GY	1839515
Benzo(b)fluoranthene	460	380	1		08/25/03 20:15	GY	1839515
Benzo(g,h,i)perylene	ND	380	1		08/25/03 20:15	GY	1839515
Benzo(k)fluoranthene	ND	380	1		08/25/03 20:15	GY	1839515
Chrysene	ND	380	1		08/25/03 20:15	GY	1839515
Dibenz(a,h)anthracene	ND	380	1		08/25/03 20:15	GY	1839515
Fluoranthene	530	380	1		08/25/03 20:15	GY	1839515
Fluorene	ND	380	1		08/25/03 20:15	GY	1839515
Indeno(1,2,3-cd)pyrene	ND	380	1		08/25/03 20:15	GY	1839515
Naphthalene	ND	380	1		08/25/03 20:15	GY	1839515
Phenanthrene	440	380	1		08/25/03 20:15	GY	1839515
Pyrene	510	380	1		08/25/03 20:15	GY	1839515
Surr: 2,4,6-Tribromophenol	68.0 %	19-122	1		08/25/03 20:15	GY	1839515
Surr: 2-Fluorobiphenyl	58.8 %	30-115	1		08/25/03 20:15	GY	1839515
Surr: 2-Fluorophenol	56.0 %	25-121	1		08/25/03 20:15	GY	1839515
Surr: Nitrobenzene-d5	58.8 %	23-120	1		08/25/03 20:15	GY	1839515
Surr: Phenol-d5	68.0 %	24-113	1		08/25/03 20:15	GY	1839515
Surr: Terphenyl-d14	64.7 %	18-137	1		08/25/03 20:15	GY	1839515

Prep Method	Prep Date	Prep Initials
SW3550B	08/14/2003 10:52	J L

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID GW-1

Collected: 08/12/2003 11:40

SPL Sample ID: 03080418-05

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/L		
1,1,1,2-Tetrachloroethane	ND	5	1		08/14/03 17:42	LT	1824258
1,1,1-Trichloroethane	ND	5	1		08/14/03 17:42	LT	1824258
1,1,2,2-Tetrachloroethane	ND	5	1		08/14/03 17:42	LT	1824258
1,1,2-Trichloroethane	ND	5	1		08/14/03 17:42	LT	1824258
1,1-Dichloroethane	ND	5	1		08/14/03 17:42	LT	1824258
1,1-Dichloroethene	ND	5	1		08/14/03 17:42	LT	1824258
1,1-Dichloropropene	ND	5	1		08/14/03 17:42	LT	1824258
1,2,3-Trichlorobenzene	ND	5	1		08/14/03 17:42	LT	1824258
1,2,3-Trichloropropane	ND	5	1		08/14/03 17:42	LT	1824258
1,2,4-Trichlorobenzene	ND	5	1		08/14/03 17:42	LT	1824258
1,2,4-Trimethylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
1,2-Dibromo-3-chloropropane	ND	5	1		08/14/03 17:42	LT	1824258
1,2-Dibromoethane	ND	5	1		08/14/03 17:42	LT	1824258
1,2-Dichlorobenzene	ND	5	1		08/14/03 17:42	LT	1824258
1,2-Dichloroethane	ND	5	1		08/14/03 17:42	LT	1824258
1,2-Dichloropropane	ND	5	1		08/14/03 17:42	LT	1824258
1,3,5-Trimethylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
1,3-Dichlorobenzene	ND	5	1		08/14/03 17:42	LT	1824258
1,3-Dichloropropane	ND	5	1		08/14/03 17:42	LT	1824258
1,4-Dichlorobenzene	ND	5	1		08/14/03 17:42	LT	1824258
2,2-Dichloropropane	ND	5	1		08/14/03 17:42	LT	1824258
2-Butanone	ND	20	1		08/14/03 17:42	LT	1824258
2-Chloroethyl vinyl ether	ND	10	1		08/14/03 17:42	LT	1824258
2-Chlorotoluene	ND	5	1		08/14/03 17:42	LT	1824258
2-Hexanone	ND	10	1		08/14/03 17:42	LT	1824258
4-Chlorotoluene	ND	5	1		08/14/03 17:42	LT	1824258
4-Isopropyltoluene	ND	5	1		08/14/03 17:42	LT	1824258
4-Methyl-2-pentanone	ND	10	1		08/14/03 17:42	LT	1824258
Acetone	ND	100	1		08/14/03 17:42	LT	1824258
Acrylonitrile	ND	50	1		08/14/03 17:42	LT	1824258
Benzene	ND	5	1		08/14/03 17:42	LT	1824258
Bromobenzene	ND	5	1		08/14/03 17:42	LT	1824258
Bromochloromethane	ND	5	1		08/14/03 17:42	LT	1824258
Bromodichloromethane	ND	5	1		08/14/03 17:42	LT	1824258
Bromoform	ND	5	1		08/14/03 17:42	LT	1824258
Bromomethane	ND	10	1		08/14/03 17:42	LT	1824258
Carbon disulfide	ND	5	1		08/14/03 17:42	LT	1824258
Carbon tetrachloride	ND	5	1		08/14/03 17:42	LT	1824258
Chlorobenzene	ND	5	1		08/14/03 17:42	LT	1824258
Chloroethane	ND	10	1		08/14/03 17:42	LT	1824258

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID GW-1

Collected: 08/12/2003 11:40

SPL Sample ID: 03080418-05

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5	1		08/14/03 17:42	LT	1824258
Chloromethane	ND	10	1		08/14/03 17:42	LT	1824258
Dibromochloromethane	ND	5	1		08/14/03 17:42	LT	1824258
Dibromomethane	ND	5	1		08/14/03 17:42	LT	1824258
Dichlorodifluoromethane	ND	10	1		08/14/03 17:42	LT	1824258
Ethylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
Hexachlorobutadiene	ND	5	1		08/14/03 17:42	LT	1824258
Isopropylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
Methyl tert-butyl ether	ND	5	1		08/14/03 17:42	LT	1824258
Methylene chloride	ND	5	1		08/14/03 17:42	LT	1824258
n-Butylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
n-Propylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
Naphthalene	ND	5	1		08/14/03 17:42	LT	1824258
sec-Butylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
Styrene	ND	5	1		08/14/03 17:42	LT	1824258
tert-Butylbenzene	ND	5	1		08/14/03 17:42	LT	1824258
Tetrachloroethene	5	5	1		08/14/03 17:42	LT	1824258
Toluene	ND	5	1		08/14/03 17:42	LT	1824258
Trichloroethene	ND	5	1		08/14/03 17:42	LT	1824258
Trichlorofluoromethane	ND	5	1		08/14/03 17:42	LT	1824258
Vinyl acetate	ND	10	1		08/14/03 17:42	LT	1824258
Vinyl chloride	ND	10	1		08/14/03 17:42	LT	1824258
cis-1,2-Dichloroethene	ND	5	1		08/14/03 17:42	LT	1824258
cis-1,3-Dichloropropene	ND	5	1		08/14/03 17:42	LT	1824258
m,p-Xylene	ND	5	1		08/14/03 17:42	LT	1824258
o-Xylene	ND	5	1		08/14/03 17:42	LT	1824258
trans-1,2-Dichloroethene	ND	5	1		08/14/03 17:42	LT	1824258
trans-1,3-Dichloropropene	ND	5	1		08/14/03 17:42	LT	1824258
1,2-Dichloroethene (total)	ND	5	1		08/14/03 17:42	LT	1824258
Xylenes, Total	ND	5	1		08/14/03 17:42	LT	1824258
Surr: 1,2-Dichloroethane-d4	90.0	% 62-13C	1		08/14/03 17:42	LT	1824258
Surr: 4-Bromofluorobenzene	104	% 70-13C	1		08/14/03 17:42	LT	1824258
Surr: Toluene-d8	108	% 74-12C	1		08/14/03 17:42	LT	1824258

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID GW-2

Collected: 08/12/2003 12:05

SPL Sample ID: 03080418-06

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/L		
1,1,1,2-Tetrachloroethane	ND	5	1		08/14/03 18:05	LT	1824259
1,1,1-Trichloroethane	ND	5	1		08/14/03 18:05	LT	1824259
1,1,2,2-Tetrachloroethane	ND	5	1		08/14/03 18:05	LT	1824259
1,1,2-Trichloroethane	ND	5	1		08/14/03 18:05	LT	1824259
1,1-Dichloroethane	ND	5	1		08/14/03 18:05	LT	1824259
1,1-Dichloroethene	ND	5	1		08/14/03 18:05	LT	1824259
1,1-Dichloropropene	ND	5	1		08/14/03 18:05	LT	1824259
1,2,3-Trichlorobenzene	ND	5	1		08/14/03 18:05	LT	1824259
1,2,3-Trichloropropane	ND	5	1		08/14/03 18:05	LT	1824259
1,2,4-Trichlorobenzene	ND	5	1		08/14/03 18:05	LT	1824259
1,2,4-Trimethylbenzene	ND	5	1		08/14/03 18:05	LT	1824259
1,2-Dibromo-3-chloropropane	ND	5	1		08/14/03 18:05	LT	1824259
1,2-Dibromoethane	ND	5	1		08/14/03 18:05	LT	1824259
1,2-Dichlorobenzene	ND	5	1		08/14/03 18:05	LT	1824259
1,2-Dichloroethane	ND	5	1		08/14/03 18:05	LT	1824259
1,2-Dichloropropane	ND	5	1		08/14/03 18:05	LT	1824259
1,3,5-Trimethylbenzene	ND	5	1		08/14/03 18:05	LT	1824259
1,3-Dichlorobenzene	ND	5	1		08/14/03 18:05	LT	1824259
1,3-Dichloropropane	ND	5	1		08/14/03 18:05	LT	1824259
1,4-Dichlorobenzene	ND	5	1		08/14/03 18:05	LT	1824259
2,2-Dichloropropane	ND	5	1		08/14/03 18:05	LT	1824259
2-Butanone	ND	20	1		08/14/03 18:05	LT	1824259
2-Chloroethyl vinyl ether	ND	10	1		08/14/03 18:05	LT	1824259
2-Chlorotoluene	ND	5	1		08/14/03 18:05	LT	1824259
2-Hexanone	ND	10	1		08/14/03 18:05	LT	1824259
4-Chlorotoluene	ND	5	1		08/14/03 18:05	LT	1824259
4-Isopropyltoluene	ND	5	1		08/14/03 18:05	LT	1824259
4-Methyl-2-pentanone	ND	10	1		08/14/03 18:05	LT	1824259
Acetone	ND	100	1		08/14/03 18:05	LT	1824259
Acrylonitrile	ND	50	1		08/14/03 18:05	LT	1824259
Benzene	ND	5	1		08/14/03 18:05	LT	1824259
Bromobenzene	ND	5	1		08/14/03 18:05	LT	1824259
Bromochloromethane	ND	5	1		08/14/03 18:05	LT	1824259
Bromodichloromethane	ND	5	1		08/14/03 18:05	LT	1824259
Bromoform	ND	5	1		08/14/03 18:05	LT	1824259
Bromomethane	ND	10	1		08/14/03 18:05	LT	1824259
Carbon disulfide	ND	5	1		08/14/03 18:05	LT	1824259
Carbon tetrachloride	ND	5	1		08/14/03 18:05	LT	1824259
Chlorobenzene	ND	5	1		08/14/03 18:05	LT	1824259
Chloroethane	ND	10	1		08/14/03 18:05	LT	1824259

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID GW-2

Collected: 08/12/2003 12:05

SPL Sample ID: 03080418-06

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5	1		08/14/03 18:09	LT	1824259
Chloromethane	ND	10	1		08/14/03 18:09	LT	1824259
Dibromochloromethane	ND	5	1		08/14/03 18:09	LT	1824259
Dibromomethane	ND	5	1		08/14/03 18:09	LT	1824259
Dichlorodifluoromethane	ND	10	1		08/14/03 18:09	LT	1824259
Ethylbenzene	ND	5	1		08/14/03 18:09	LT	1824259
Hexachlorobutadiene	ND	5	1		08/14/03 18:09	LT	1824259
Isopropylbenzene	ND	5	1		08/14/03 18:09	LT	1824259
Methyl tert-butyl ether	ND	5	1		08/14/03 18:09	LT	1824259
Methylene chloride	ND	5	1		08/14/03 18:09	LT	1824259
n-Butylbenzene	ND	5	1		08/14/03 18:09	LT	1824259
n-Propylbenzene	ND	5	1		08/14/03 18:09	LT	1824259
Naphthalene	ND	5	1		08/14/03 18:09	LT	1824259
sec-Butylbenzene	ND	5	1		08/14/03 18:09	LT	1824259
Styrene	ND	5	1		08/14/03 18:09	LT	1824259
tert-Butylbenzene	ND	5	1		08/14/03 18:09	LT	1824259
Tetrachloroethene	ND	5	1		08/14/03 18:09	LT	1824259
Toluene	ND	5	1		08/14/03 18:09	LT	1824259
Trichloroethene	ND	5	1		08/14/03 18:09	LT	1824259
Trichlorofluoromethane	ND	5	1		08/14/03 18:09	LT	1824259
Vinyl acetate	ND	10	1		08/14/03 18:09	LT	1824259
Vinyl chloride	13	10	1		08/14/03 18:09	LT	1824259
cis-1,2-Dichloroethene	ND	5	1		08/14/03 18:09	LT	1824259
cis-1,3-Dichloropropene	ND	5	1		08/14/03 18:09	LT	1824259
m,p-Xylene	ND	5	1		08/14/03 18:09	LT	1824259
o-Xylene	ND	5	1		08/14/03 18:09	LT	1824259
trans-1,2-Dichloroethene	ND	5	1		08/14/03 18:09	LT	1824259
trans-1,3-Dichloropropene	ND	5	1		08/14/03 18:09	LT	1824259
1,2-Dichloroethene (total)	ND	5	1		08/14/03 18:09	LT	1824259
Xylenes, Total	ND	5	1		08/14/03 18:09	LT	1824259
Surr: 1,2-Dichloroethane-d4	88.0	% 62-13C	1		08/14/03 18:09	LT	1824259
Surr: 4-Bromofluorobenzene	102	% 70-13C	1		08/14/03 18:09	LT	1824259
Surr: Toluene-d8	106	% 74-122	1		08/14/03 18:09	LT	1824259

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID GW-3

Collected: 08/12/2003 14:00 SPL Sample ID: 03080418-07

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/L		
1,1,1,2-Tetrachloroethane	ND	5	1		08/14/03 18:35	LT	1824260
1,1,1-Trichloroethane	ND	5	1		08/14/03 18:35	LT	1824260
1,1,2,2-Tetrachloroethane	ND	5	1		08/14/03 18:35	LT	1824260
1,1,2-Trichloroethane	ND	5	1		08/14/03 18:35	LT	1824260
1,1-Dichloroethane	ND	5	1		08/14/03 18:35	LT	1824260
1,1-Dichloroethene	ND	5	1		08/14/03 18:35	LT	1824260
1,1-Dichloropropene	ND	5	1		08/14/03 18:35	LT	1824260
1,2,3-Trichlorobenzene	ND	5	1		08/14/03 18:35	LT	1824260
1,2,3-Trichloropropane	ND	5	1		08/14/03 18:35	LT	1824260
1,2,4-Trichlorobenzene	ND	5	1		08/14/03 18:35	LT	1824260
1,2,4-Trimethylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
1,2-Dibromo-3-chloropropane	ND	5	1		08/14/03 18:35	LT	1824260
1,2-Dibromoethane	ND	5	1		08/14/03 18:35	LT	1824260
1,2-Dichlorobenzene	ND	5	1		08/14/03 18:35	LT	1824260
1,2-Dichloroethane	ND	5	1		08/14/03 18:35	LT	1824260
1,2-Dichloropropane	ND	5	1		08/14/03 18:35	LT	1824260
1,3,5-Trimethylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
1,3-Dichlorobenzene	ND	5	1		08/14/03 18:35	LT	1824260
1,3-Dichloropropane	ND	5	1		08/14/03 18:35	LT	1824260
1,4-Dichlorobenzene	ND	5	1		08/14/03 18:35	LT	1824260
2,2-Dichloropropane	ND	5	1		08/14/03 18:35	LT	1824260
2-Butanone	ND	20	1		08/14/03 18:35	LT	1824260
2-Chloroethyl vinyl ether	ND	10	1		08/14/03 18:35	LT	1824260
2-Chlorotoluene	ND	5	1		08/14/03 18:35	LT	1824260
2-Hexanone	ND	10	1		08/14/03 18:35	LT	1824260
4-Chlorotoluene	ND	5	1		08/14/03 18:35	LT	1824260
4-Isopropyltoluene	ND	5	1		08/14/03 18:35	LT	1824260
4-Methyl-2-pentanone	ND	10	1		08/14/03 18:35	LT	1824260
Acetone	ND	100	1		08/14/03 18:35	LT	1824260
Acrylonitrile	ND	50	1		08/14/03 18:35	LT	1824260
Benzene	ND	5	1		08/14/03 18:35	LT	1824260
Bromobenzene	ND	5	1		08/14/03 18:35	LT	1824260
Bromochloromethane	ND	5	1		08/14/03 18:35	LT	1824260
Bromodichloromethane	ND	5	1		08/14/03 18:35	LT	1824260
Bromoform	ND	5	1		08/14/03 18:35	LT	1824260
Bromomethane	ND	10	1		08/14/03 18:35	LT	1824260
Carbon disulfide	ND	5	1		08/14/03 18:35	LT	1824260
Carbon tetrachloride	ND	5	1		08/14/03 18:35	LT	1824260
Chlorobenzene	ND	5	1		08/14/03 18:35	LT	1824260
Chloroethane	ND	10	1		08/14/03 18:35	LT	1824260

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID GW-3

Collected: 08/12/2003 14:00 SPL Sample ID: 03080418-07

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5	1		08/14/03 18:35	LT	1824260
Chloromethane	ND	10	1		08/14/03 18:35	LT	1824260
Dibromochloromethane	ND	5	1		08/14/03 18:35	LT	1824260
Dibromomethane	ND	5	1		08/14/03 18:35	LT	1824260
Dichlorodifluoromethane	ND	10	1		08/14/03 18:35	LT	1824260
Ethylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
Hexachlorobutadiene	ND	5	1		08/14/03 18:35	LT	1824260
Isopropylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
Methyl tert-butyl ether	ND	5	1		08/14/03 18:35	LT	1824260
Methylene chloride	ND	5	1		08/14/03 18:35	LT	1824260
n-Butylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
n-Propylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
Naphthalene	ND	5	1		08/14/03 18:35	LT	1824260
sec-Butylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
Styrene	ND	5	1		08/14/03 18:35	LT	1824260
tert-Butylbenzene	ND	5	1		08/14/03 18:35	LT	1824260
Tetrachloroethene	ND	5	1		08/14/03 18:35	LT	1824260
Toluene	ND	5	1		08/14/03 18:35	LT	1824260
Trichloroethene	ND	5	1		08/14/03 18:35	LT	1824260
Trichlorofluoromethane	ND	5	1		08/14/03 18:35	LT	1824260
Vinyl acetate	ND	10	1		08/14/03 18:35	LT	1824260
Vinyl chloride	ND	10	1		08/14/03 18:35	LT	1824260
cis-1,2-Dichloroethene	ND	5	1		08/14/03 18:35	LT	1824260
cis-1,3-Dichloropropene	ND	5	1		08/14/03 18:35	LT	1824260
m,p-Xylene	ND	5	1		08/14/03 18:35	LT	1824260
o-Xylene	ND	5	1		08/14/03 18:35	LT	1824260
trans-1,2-Dichloroethene	ND	5	1		08/14/03 18:35	LT	1824260
trans-1,3-Dichloropropene	ND	5	1		08/14/03 18:35	LT	1824260
1,2-Dichloroethene (total)	ND	5	1		08/14/03 18:35	LT	1824260
Xylenes, Total	ND	5	1		08/14/03 18:35	LT	1824260
Surr: 1,2-Dichloroethane-d4	86.0	% 62-13C	1		08/14/03 18:35	LT	1824260
Surr: 4-Bromofluorobenzene	98.0	% 70-13C	1		08/14/03 18:35	LT	1824260
Surr: Toluene-d8	102	% 74-122	1		08/14/03 18:35	LT	1824260

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL

>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Trip Blank

Collected: 08/12/2003 0:00

SPL Sample ID: 03080418-08

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/L		
1,1,1,2-Tetrachloroethane	ND	5	1		08/15/03 16:00	LT	1828464
1,1,1-Trichloroethane	ND	5	1		08/15/03 16:00	LT	1828464
1,1,2,2-Tetrachloroethane	ND	5	1		08/15/03 16:00	LT	1828464
1,1,2-Trichloroethane	ND	5	1		08/15/03 16:00	LT	1828464
1,1-Dichloroethane	ND	5	1		08/15/03 16:00	LT	1828464
1,1-Dichloroethene	ND	5	1		08/15/03 16:00	LT	1828464
1,1-Dichloropropene	ND	5	1		08/15/03 16:00	LT	1828464
1,2,3-Trichlorobenzene	ND	5	1		08/15/03 16:00	LT	1828464
1,2,3-Trichloropropane	ND	5	1		08/15/03 16:00	LT	1828464
1,2,4-Trichlorobenzene	ND	5	1		08/15/03 16:00	LT	1828464
1,2,4-Trimethylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
1,2-Dibromo-3-chloropropane	ND	5	1		08/15/03 16:00	LT	1828464
1,2-Dibromoethane	ND	5	1		08/15/03 16:00	LT	1828464
1,2-Dichlorobenzene	ND	5	1		08/15/03 16:00	LT	1828464
1,2-Dichloroethane	ND	5	1		08/15/03 16:00	LT	1828464
1,2-Dichloropropane	ND	5	1		08/15/03 16:00	LT	1828464
1,3,5-Trimethylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
1,3-Dichlorobenzene	ND	5	1		08/15/03 16:00	LT	1828464
1,3-Dichloropropane	ND	5	1		08/15/03 16:00	LT	1828464
1,4-Dichlorobenzene	ND	5	1		08/15/03 16:00	LT	1828464
2,2-Dichloropropane	ND	5	1		08/15/03 16:00	LT	1828464
2-Butanone	ND	20	1		08/15/03 16:00	LT	1828464
2-Chloroethyl vinyl ether	ND	10	1		08/15/03 16:00	LT	1828464
2-Chlorotoluene	ND	5	1		08/15/03 16:00	LT	1828464
2-Hexanone	ND	10	1		08/15/03 16:00	LT	1828464
4-Chlorotoluene	ND	5	1		08/15/03 16:00	LT	1828464
4-Isopropyltoluene	ND	5	1		08/15/03 16:00	LT	1828464
4-Methyl-2-pentanone	ND	10	1		08/15/03 16:00	LT	1828464
Acetone	ND	100	1		08/15/03 16:00	LT	1828464
Acrylonitrile	ND	50	1		08/15/03 16:00	LT	1828464
Benzene	ND	5	1		08/15/03 16:00	LT	1828464
Bromobenzene	ND	5	1		08/15/03 16:00	LT	1828464
Bromochloromethane	ND	5	1		08/15/03 16:00	LT	1828464
Bromodichloromethane	ND	5	1		08/15/03 16:00	LT	1828464
Bromoform	ND	5	1		08/15/03 16:00	LT	1828464
Bromomethane	ND	10	1		08/15/03 16:00	LT	1828464
Carbon disulfide	ND	5	1		08/15/03 16:00	LT	1828464
Carbon tetrachloride	ND	5	1		08/15/03 16:00	LT	1828464
Chlorobenzene	ND	5	1		08/15/03 16:00	LT	1828464
Chloroethane	ND	10	1		08/15/03 16:00	LT	1828464

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
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* - Surrogate Recovery Outside Advisable QC Limits
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>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID Trip Blank Collected: 08/12/2003 0:00 SPL Sample ID: 03080418-08

Site: 134 Wildey Street

Analyses/Method	Result	Rep.Liml	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroform	ND	5	1		08/15/03 16:00	LT	1828464
Chloromethane	ND	10	1		08/15/03 16:00	LT	1828464
Dibromochloromethane	ND	5	1		08/15/03 16:00	LT	1828464
Dibromomethane	ND	5	1		08/15/03 16:00	LT	1828464
Dichlorodifluoromethane	ND	10	1		08/15/03 16:00	LT	1828464
Ethylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
Hexachlorobutadiene	ND	5	1		08/15/03 16:00	LT	1828464
Isopropylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
Methyl tert-butyl ether	ND	5	1		08/15/03 16:00	LT	1828464
Methylene chloride	ND	5	1		08/15/03 16:00	LT	1828464
n-Butylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
n-Propylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
Naphthalene	ND	5	1		08/15/03 16:00	LT	1828464
sec-Butylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
Styrene	ND	5	1		08/15/03 16:00	LT	1828464
tert-Butylbenzene	ND	5	1		08/15/03 16:00	LT	1828464
Tetrachloroethene	ND	5	1		08/15/03 16:00	LT	1828464
Toluene	ND	5	1		08/15/03 16:00	LT	1828464
Trichloroethene	ND	5	1		08/15/03 16:00	LT	1828464
Trichlorofluoromethane	ND	5	1		08/15/03 16:00	LT	1828464
Vinyl acetate	ND	10	1		08/15/03 16:00	LT	1828464
Vinyl chloride	ND	10	1		08/15/03 16:00	LT	1828464
cis-1,2-Dichloroethene	ND	5	1		08/15/03 16:00	LT	1828464
cis-1,3-Dichloropropene	ND	5	1		08/15/03 16:00	LT	1828464
m,p-Xylene	ND	5	1		08/15/03 16:00	LT	1828464
o-Xylene	ND	5	1		08/15/03 16:00	LT	1828464
trans-1,2-Dichloroethene	ND	5	1		08/15/03 16:00	LT	1828464
trans-1,3-Dichloropropene	ND	5	1		08/15/03 16:00	LT	1828464
1,2-Dichloroethene (total)	ND	5	1		08/15/03 16:00	LT	1828464
Xylenes, Total	ND	5	1		08/15/03 16:00	LT	1828464
Surr: 1,2-Dichloroethane-d4	96.0	% 62-130	1		08/15/03 16:00	LT	1828464
Surr: 4-Bromofluorobenzene	100	% 70-130	1		08/15/03 16:00	LT	1828464
Surr: Toluene-d8	110	% 74-122	1		08/15/03 16:00	LT	1828464

Sonia West

Sonia West

Project Manager

Qualifiers: ND/U - Not Detected at the Reporting Limit
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>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

SP

HYGELA

Analysis Request & Chain of Custody Record

500 Ambassador Caffery Parkway, Scott, LA 70583 Ph: (337) 237-4775 Fax: (337) 237-7080
 5880 Interchange Drive, Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8875
 459 Knights Drive, Traverse City, MI 49684 Ph: (231) 947-5777 Fax: (231) 947-7455

Consultant Office: Project Manager: E-Mail Address: Phone: Fax: 212
 AIC Associates, Inc. Sharissa Sanyal

104 East 25th Street 212 353 9280 479 8447

Invoice To: HYGELA

Project Number:

Project Location: 134 Wilkey Street

Project Name: Wilkey Street # 02-294

SAMPLE ID	DATE	TIME	comp	grab
B-1 (3-4')	8/12/03	10:45		X
B-2 (5-6')		11:30		↓
B-3 (5-6')		12:00		↓
B-4 (5-6')		1:35		↓
GW-1	8/12/03	11:40		X
GW-2		12:05		↓
GW-3		2:00		↓

Client/Consultant Remarks:

Laboratory Remarks:

Requested TAT

24 hr ☐ 72 hr ☒
 5-Day ☐ Standard ☒
 Other ☐

Special Reporting Requirements:

Raw data ☐ Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐
 1. Relinquished by sampler: ☐

Special Results ☐ PDF File

Special Detection Limit (Specify):

PM Review

Temp: 50

Intact? ☐ Y ☐ N

Requested Analysis

Number of Containers

Matrix: ☐ Soil ☐ Water ☐ Sludge ☐ Other
 Container: ☐ Plastic ☐ Glass ☐ Other
 Size: ☐ 1 liter ☐ 4 liter ☐ 20 liter
 Pres: ☐ HCL ☐ HNO ☐ H2SO4 ☐ Other

STARS PHH (18270)
 VOC's (8260)

03080418

Page of

1. Relinquished by sampler:

date: 8/12/03

time: 3:00pm

2. Received By:

Sharissa Sanyal 8/13/03
 8410 5965 0748 SO

Focused Subsurface Site Investigation Report
Proposed Walgreen Store #07294
134 Wildey Street
Tarrytown, New York

ATTACHMENT B

Boring Logs

ATC Associates Inc. 104 East 25 th Street New York, NY 10010 212-353-8280	Client: NODDLE DEVELOPMENT CO.	Boring No. B-1
	Project Number: 11.18067.1409 Task Number:	Boring location: East side of the UST, behind the dry cleaner
Driller: ADT Geologist: S.Singh	Location: 134 Wildey Street Tarrytown, NY	
Groundwater Observations _____ ft AFTER _____ hours GW Not Encountered	Type: <u>casing sampler</u> Size I.D.: NA	Date Start: 8/12/03 Date Complete: 8/12/03 Surface Elev. 25 feet above sea level Groundwater Elev. NA

Depth	Sample #	Type	Recovery (in.)	density or moist	PID	Field Identification of Soil	Remarks
0						0-4'	
						fill material: m-f, brown SAND; some silt; concrete and brick fragments; little angular gravel	
						Refusal @ 4' due to bedrock consisting of weathered schist	
4							
8							
12							
16							
20							

mc: macrocore HSA: hollow stem auger HA: Hand Auger tr.=trace = 0-10% l.=little = 10-20%
 s.=some = 20-35% and = 35-50% c = course m = medium f = fine

ATC Associates Inc. 104 East 25 th Street New York, NY 10010 212-353-8280	Client: NODDLE DEVELOPMENT CO.	Boring No. B-2
	Project Number: 11.18067.1409 Task Number:	Boring location: North side of the UST, behind the dry cleaner
Driller: ADT Geologist: S.Singh	Location: 134 Wildey Street Tarrytown, NY	
Groundwater Observations _____ ft AFTER _____ hours GW Not Encountered	Type: <u>casing sampler</u> Size I.D.: NA	Date Start: 8/12/03 Date Complete: 8/12/03 Surface Elev. 25 feet above sea level Groundwater Elev.

Depth	Sample #	Type	Recovery (in.)	density or moist	PID	Field Identification of Soil	Remarks
0						0-4'	
						fill material: m-f, brown SAND; some silt; concrete and brick fragments; little angular gravel	
						4-8'	
4						fill material	
						f-m-c brown SAND and Silt; some gravel	
						3" black Sand and Silt	
						Refusal @ 8' due to bedrock consisting of weathered schist	
						* Total depth of boring = 8'	
						* Water encountered approximately at 6.5-7 feet below ground surface (bgs)	
8							
12							
16							
20							

mc: macrocore HSA: hollow stem auger HA: Hand Auger tr.=trace = 0-10% l.=little = 10-20%
 s.=some = 20-35% and = 35-50% c = course m = medium f = fine

ATC Associates Inc. 104 East 25 th Street New York, NY 10010 212-353-8280	Client: NODDLE DEVELOPMENT CO.	Boring No. B-3
	Project Number: 11.18067.1409 Task Number:	Boring location: West side of the UST, behind the dry cleaner
Driller: ADT Geologist: S.Singh	Location: 134 Wildey Street Tarrytown, NY	
Groundwater Observations ____ ft AFTER ____ hours GW Not Encountered	Type: <u>casing sampler</u> Size I.D.: NA	Date Start: 8/12/03 Date Complete: 8/12/03 Surface Elev. 25 feet above sea level Groundwater Elev.

Depth	Sample #	Type	Recovery (in.)	density or moist	PID	Field Identification of Soil	Remarks
0						0-4'	
						fill material: m-f, brown SAND; some silt; concrete, coal and brick fragments; little angular gravel	
						4-8'	
4						f-m-c brown SAND and Silt; some gravel	
						3" gray Sand and Silt	
						Refusal @ 8' due to bedrock consisting of weathered schist	
						* Total depth of boring = 8'	
						* Water encountered approximately at 6.5-7 feet below ground surface (bgs).	
8							
12							
16							
20							

mc: macrocore HSA: hollow stem auger HA: Hand Auger tr.=trace = 0-10% l.=little = 10-20%
 s.=some = 20-35% and = 35-50% c = course m = medium f = fine

ATC Associates Inc. 104 East 25 th Street New York, NY 10010 212-353-8280	Client: NODDLE DEVELOPMENT CO.	Boring No. B-4
	Project Number: 11.18067.1409 Task Number:	Boring location: In front of the dry cleaner, in the parking lot
Driller: ADT Geologist: S.Singh	Location: 134 Wildey Street Tarrytown, NY	
Groundwater Observations _____ ft AFTER _____ hours GW Not Encountered	Type: <u>casing sampler</u> Size I.D.: NA	Date Start: 8/12/03 Date Complete: 8/12/03 Surface Elev. 25 feet above sea level Groundwater Elev.

Depth	Sample #	Type	Recovery (in.)	density or moist	PID	Field Identification of Soil	Remarks
0						0-4'	
						fill material: m-f, brown SAND; some silt; concrete, coal and brick fragments; little angular gravel	
						4-8'	
4						f-m-c brown SAND and Silt; some gravel	
						Refusal @ 8' due to bedrock consisting of weathered schist	
						* Total depth of boring = 8'	
						* Water encountered approximately at 6.5-7 feet below ground surface (bgs).	
8							
12							
16							
20							

mc: macrocore HSA: hollow stem auger HA: Hand Auger tr.=trace = 0-10% l.=little = 10-20%
 s.=some = 20-35% and = 35-50% c = coarse m = medium f = fine