

Monitoring and Sampling Report
July 2010-September 2010
NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, NY

Report Date: September 2010

Regulatory Contact: NYSDEC - Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017
ATTN: Payson Long

Groundwater Monitoring and Sampling Results: Number of wells: Twenty (20) wells (MW-1I, 2S, 3S, 4S, 4I, 5S, 6S, 6I, 7S, 7I, 7D, 8S, 8I, 9S, 9I, 9D, 10S, 10I, 11S, and 12S) were gauged on July 13, 2010.

Liquid Phase Hydrocarbons: On July 13, 2010, liquid-phase hydrocarbons (LPH) were not detected (ND) in any of the gauged wells.

Water Table Elevation: On July 13, 2010 depth to water ranged from 20.06 feet below grade (ft.b.g.) (MW-3S) to 30.52 ft.b.g. (MW-11S).

Groundwater Flow: Southeasterly

Groundwater Gradient: 0.0026 ft/ft

Groundwater Sampling: Eighteen (18) wells (MW-1I, 2S, 3S, 4S, 6S, 6I, 7S, 7I, 7D, 8S, 8I, 9S, 9I, 9D, 10S, 10I, 11S, 12S) were sampled on July 14, 15 and 16, 2010. MW-4I could not be sampled due to a parked car and MW-5S was dry and therefore these samples could not be collected during this sampling event. The samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260.

Maximum PCE Concentration: 250 micrograms per liter (ug/L) (MW-8I)

Vapor Monitoring Results: Number of vapor points: Seven (7) sub-slab (SS-1, SS-2, SS-3, SS-4, SS-5, SS-6, and SS-7), seven indoor (IA-1, IA-2, IA-3, IA-4, IA-4, IA-5, IA-6, IA-7) and two (2) outdoor ambient air locations (OA-1, OA-2) were sampled on August 3, 2010.

Vapor Sampling: Seven (7) vapor samples were collected directly below the sub-slab (SS-1, SS-2, SS-3, SS-4, SS-5, SS-6, and SS-7), seven indoor air samples (IA-1, IA-2, IA-3, IA-4, IA-4, IA-5, IA-6, IA-7) and two (2) outdoor ambient air samples (OA-1, OA-2) were collected on August 3, 2010 utilizing Summa canisters equipped with 8-hour flow controllers. These samples were analyzed for VOCs via EPA Method TO-15.

Maximum PCE Concentration: 3,800 micrograms per cubic meter (ug/m3) (SS-4)

Site History: Prior to 1981, wastewater was drained from the building into several cesspools located north and east of the building. Additionally, tetrachloroethene (PCE) contamination was found in soil located near the northwest corner of American Drive-In Cleaners (site).

In September 1990, five monitoring wells were installed, hydraulically down gradient from the site. Samples from some of the monitoring wells detected contamination of PCE.

In December 1990, soil vapor samples and surface soil samples were taken near the northwest corner of the site, which came back positive for PCE contamination.

In December 1991, the site was listed as a NYSDEC Class 2 Inactive Hazardous Waste disposal site.

In response to a subsurface investigation conducted in January 1998, an Interim Remedial Measure (IRM) was undertaken in August of 1999 to address the contamination found.

In January 2001, the NYSDEC and NYSDOH divided the American Drive-In Cleaners site into two operable units. The area north of Hempstead Turnpike was identified as Operable Unit 1 (OU-1) and the area south of Hempstead Turnpike was identified as Operable Unit 2 (OU-2).

In March 2001, a remediation plan was established for OU-1. It included in-situ chemical oxidation, soil vapor extraction, on-site groundwater extraction and treatment and long term groundwater monitoring solutions. EnviroTrac under the direction of the NYSDEC, installed a Soil Vapor Extraction (SVE) system in February 2001. The system has been employed to treat the PCE impacted groundwater beneath OU-1.

In June 2001, the United States Environmental Protection Agency (EPA) installed a new SVE blower and a 2,000 pound granulated activated carbon vessel adsorber (GAC) to treat the high concentrations of PCE and its breakdown products in the extracted vapor stream. EnviroTrac operates and maintains the SVE system since June 1, 2007.

The Site was transferred from the USEPA to the NYSDEC in June of 2007.

In October 2007 a subsurface investigation was conducted to determine the levels of VOCs beneath OU-1. The investigation determined the levels of VOCs in the vadose zone were below NYSDEC guidelines. The SVE well locations are depicted in Figure 7.

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Site Notes: In preparation for the vapor point sampling, the SVE and mitigation systems in the on-site building were shut down on July 27, 2010. The systems were re-started following sampling on August 3, 2010. Weekly operation and maintenance (O&M) of the SVE system resumed on August 11, 2010. The SVE system data table for the current period is attached.

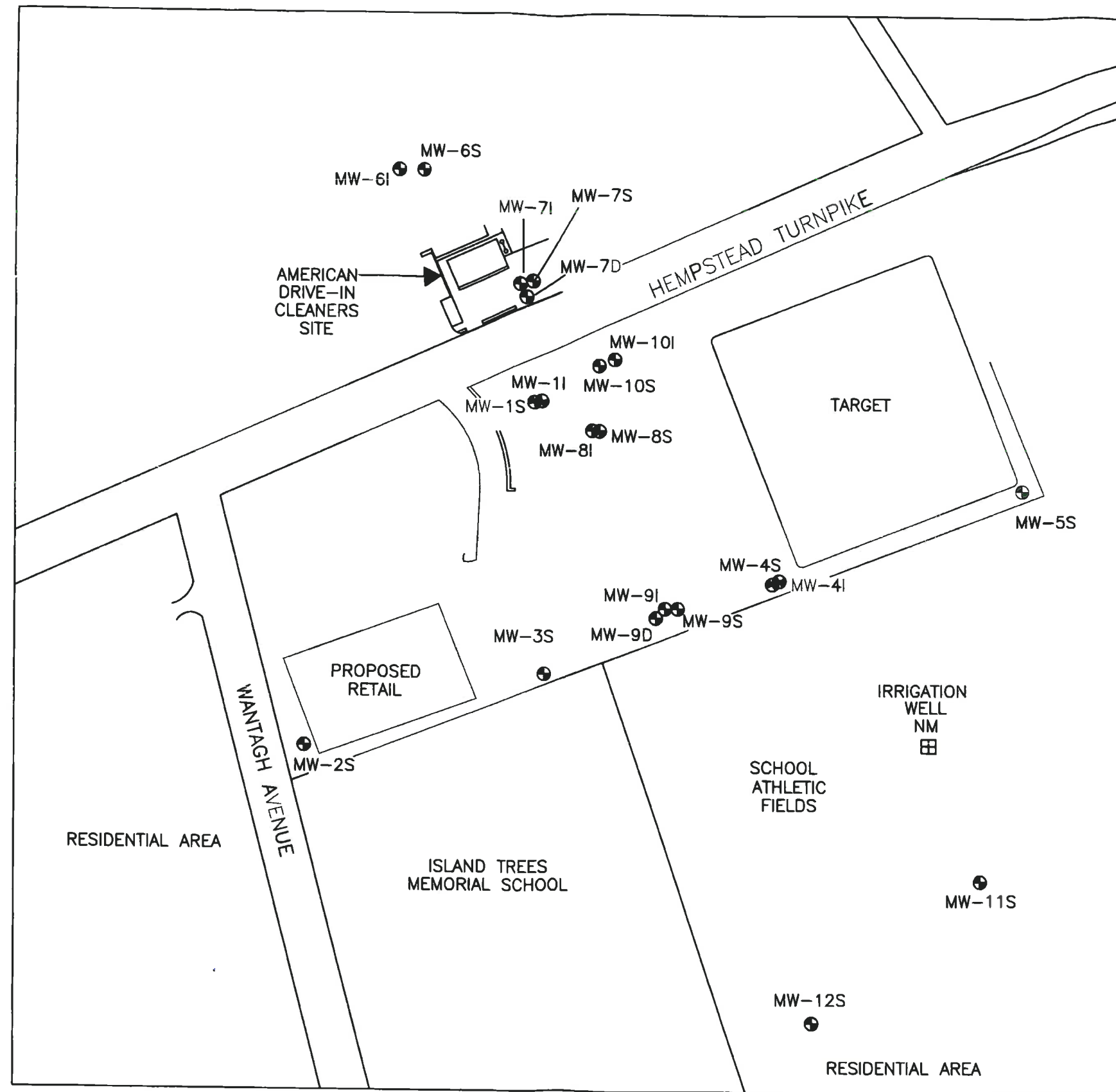
Well pads for MW-7S and MW-10I were replaced on August 12, 2010.

Conclusions: The results of the July 2010 groundwater monitoring event indicates that three (3) wells exceed the NYS Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS) groundwater standard of 5 ug/L for Tetrachloroethene. Monitoring well MW-8I exhibited a concentration of 250 ug/L for PCE, MW-5S exhibited a concentration of 12 ug/L for PCE, and MW-7I exhibited a concentration of 7.9 ug/L. In addition, monitoring well MW-8I had a concentration of Methylene Chloride (12 ug/L) which exceeded the groundwater standard of 5 ug/L. The results of the vapor sampling event, when compared to the NYSDOH Soil Vapor/Indoor Air Matrix 2, indicated the need for continued operation of the vapor mitigation systems even though the indoor air concentrations do not exceed the NYSDOH Air Guideline value of 100 ug/m3 for TCE. Indoor air results for IA-1 indicated levels of PCE above the NYSDOH Guideline value of 5 ug/m3 at (9.4 ug/m3). In addition, vapor point sampling conducted in the beverage center (IA-6, SS-6, IA-7 and SS-7) indicate the need for a mitigation system to be installed at this location. Levels of Trichloroethene for SS-6 (5,300 ug/m3) were above the 100 ug/m3 guideline a

Recommendations: Groundwater monitoring will continue on a quarterly basis with the next sampling event scheduled for October 2010. The SVE system will continue to be operated and monitored on a bi-weekly basis.

List of Attachments:

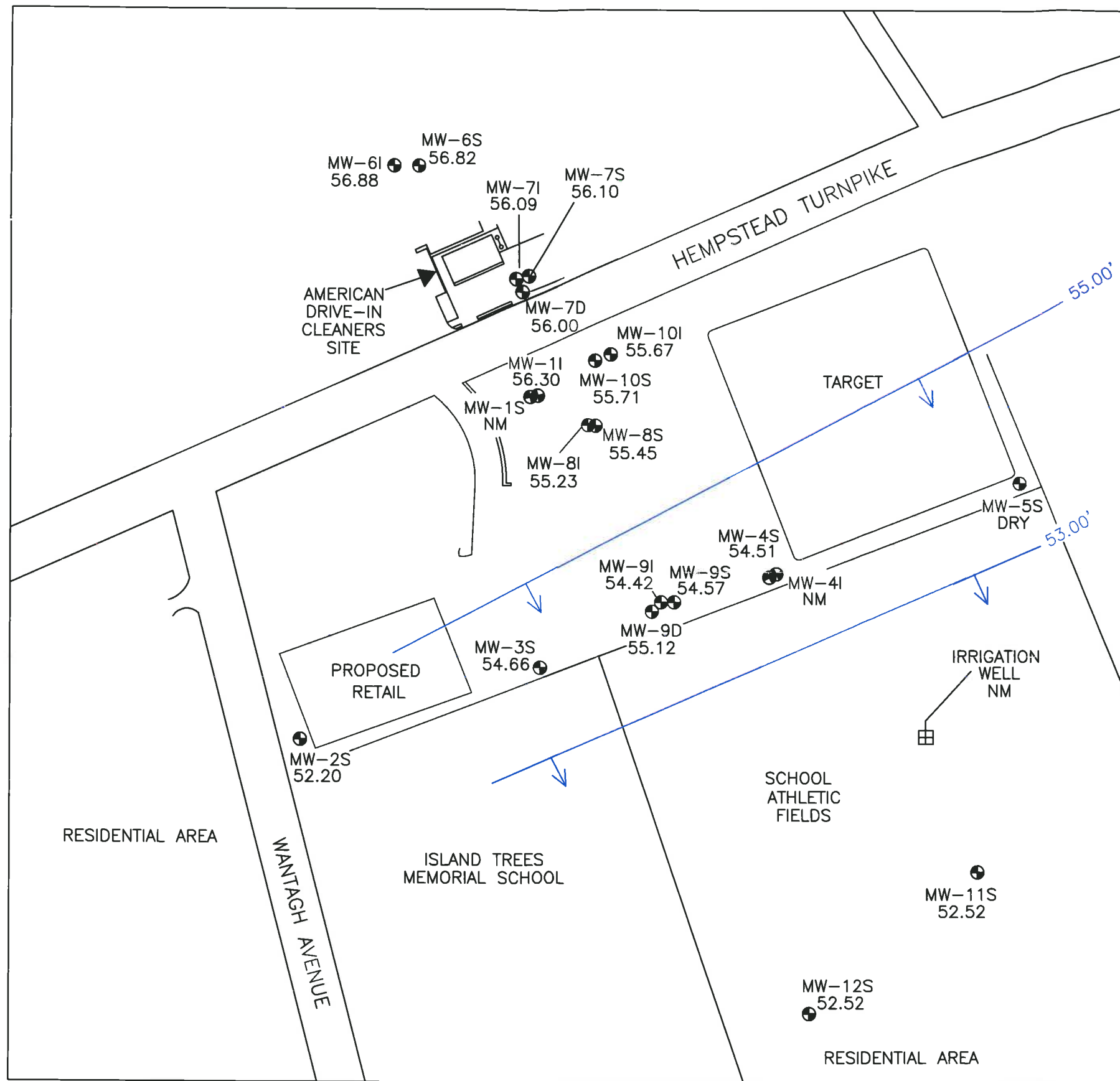
Figures:	Figure 1 - Location Map Figure 2 - Groundwater Gradient Map July 2010 Figure 3 - Summary of PCE Concentrations in Groundwater July 2010 Figure 4 - Sub-Slab Vapor Concentrations- August 3, 2010 Figure 5 - Indoor Air Vapor Concentrations - August 3, 2010 Figure 6 - Outdoor Air Vapor Concentrations - August 3, 2010 Figure 7 - SVE Well Location Map
Tables:	Table 1 - Summary of Groundwater Gauging Data Table 2 - Summary of Groundwater Analytical Results Table 3 - SVE O&M Data Table 4 - Summary of Sub-Slab Vapor Sampling Analytical Results on August 3, 2010 Table 5- Summary of Indoor Air Analytical Results on August 3, 2010 Table 6 - Summary of Outdoor Air Analytical Results on August 3, 2010
Appendices	Appendix A - Groundwater Analytical Report on July 23, 2010 Appendix B - Air Analytical Report on August 3, 2010



LEGEND:

⊕ MW-7S = EXISTING MONITORING WELL
(S=SHALLOW,I=INTERMEDIATE,D=DEEP)

⊞ ITHS IRRIGATION WELL



LEGEND:

● MW-7S = EXISTING MONITORING WELL
(S=SHALLOW,I=INTERMEDIATE,D=DEEP)

⊞ ITHS IRRIGATION WELL

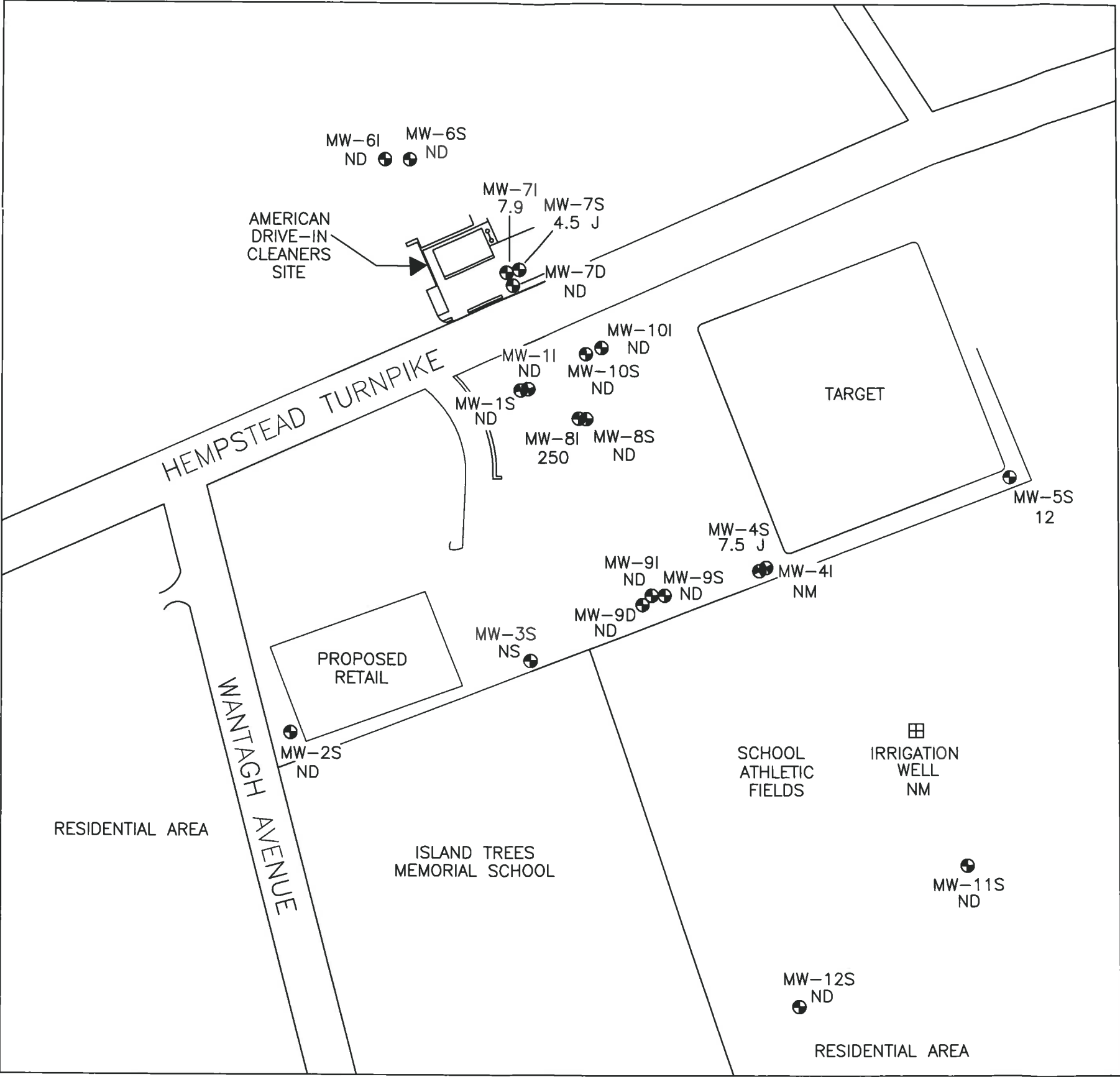
CONTOUR CONSTRUCTION = 2.00 FEET

NM = NOT MEASURED

NA = WELL DESTROYED

SAMPLE WELL:

● MW-7S = WELL IDENTIFICATION
56.10 = WATER TABLE ELEVATION (ft)



LEGEND:

⊕ MW-7S = EXISTING MONITORING WELL
(S=SHALLOW,I=INTERMEDIATE,D=DEEP)

⊞ ITHS IRRIGATION WELL

NS = NOT SAMPLED
ND = NOT DETECTED
PCE = TETRACHLOROETHANE
NM = NOT MEASURED

SAMPLE WELL:

⊕ MW-7I = WELL IDENTIFICATION
7.9 = PCE RESULTS IN ug/L

0 100 FT. 200

REVISION DATE: AUGUST 4, 2010

SCALE: 1" = 200 FEET

REVISED BY: TB

AMERICAN DRIVE-IN CLEANERS
SPILL #130049
3801 HEMPSTEAD TURNPIKE
LEVITTOWN, NEW YORK

SUMMARY OF PCE CONCENTRATIONS IN GROUNDWATER
JULY 13-15, 2010

⊕
SS-7
VC - .55
TCE - 360

THRIFTY BEVERAGE
CENTER

⊕ SS-6
DCE - 21
PCE - 5,300

DOLLAR TREE
PARKING
LOT
FENCE

SS-3
VC - 3.8
PCE - 1.2
TCE - 180
SS-4
VC - 36
TCE - 3,800

DOLLAR TREE

SS-1
VC - 7.0
PCE - 4.8
TCE - 470

SS-2
VC - 4.6
TCE - 790

SS-5 ⊕
DCE - 9.0
PCE - 1,000

AMERICAN
DRIVE IN
CLEANERS

FORMER
WILLIE MAE
BICYCLE
SHOP

CHRISTINE'S
ALTERATIONS

ROBERT'S
BARBER SHOP

BLIMPIE



SIDEWALK (TYPICAL)

HEMPSTEAD TURNPIKE

NYSDEC - AMERICAN DRIVE IN CLEANERS
3801 HEMPSTEAD TURNPIKE
LEVITTOWN, NY

SUB-SLAB CONCENTRATIONS
ON AUGUST 3, 2010

FIGURE #
4

0 15 FT. 30

REVISION DATE:
SEPTEMBER 10, 2010

APPROX. SCALE:
1" = 30 FEET

REVISED BY: TB

LEGEND:

⊕ = SUB-SLAB SAMPLE MONITORING POINT
ND = NOT DETECTED

SAMPLE IDENTIFICATION:

SS-1 = SUB-SLAB SAMPLE IDENTIFICATION

PCE = Tetrachlorethene

TCE = Trichloroethene

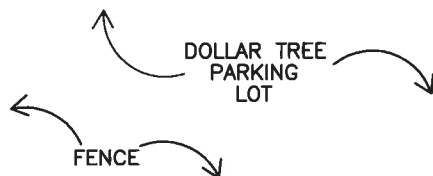
DCE = Dichloroethene

VC = Vinyl Chloride

PCE, TCE, DCE, VC CONCENTRATION
RESULTS IN ug/m

EnviroTrac
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

DOLLAR TREE



1A-1
PCE - ND
TCE - 9.4

AMERICAN
DRIVE IN
CLEANERS

1A-2
PCE - ND
TCE - 3.3

FORMER
WILLIE MAE
BICYCLE
SHOP

1A-3
PCE - ND
TCE - 2.7

CHRISTINE'S
ALTERATIONS

1A-4
PCE - ND
TCE - 3.1

ROBERT'S
BARBER SHOP

1A-5
PCE - ND
TCE - 3.8

BLIMPIE

⊕ 1A-7
PCE - ND
TCE - 3.1

THRIFTY BEVERAGE
CENTER

⊕ 1A-6
PCE - ND
TCE - 2.7

SIDEWALK (TYPICAL)

HEMPSTEAD TURNPIKE

NYSDEC - AMERICAN DRIVE IN CLEANERS
3801 HEMPSTEAD TURNPIKE
LEVITTOWN, NY

INDOOR AIR CONCENTRATIONS
ON AUGUST 3, 2010

FIGURE #
5

LEGEND:
⊕ = INDOOR AIR SAMPLE MONITORING POINT
ND = NOT DETECTED

SAMPLE IDENTIFICATION:
1A-1 = INDOOR AIR SAMPLE IDENTIFICATION
PCE = Tetrachlorethene
TCE = Trichloroethene

PCE & TCE CONCENTRATION RESULTS
IN ug/m³

EnviroTrac
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

REVISION DATE: SEPTEMBER 10, 2010
APPROX. SCALE: 1" = 30 FEET
REVISED BY: TB

DOLLAR TREE

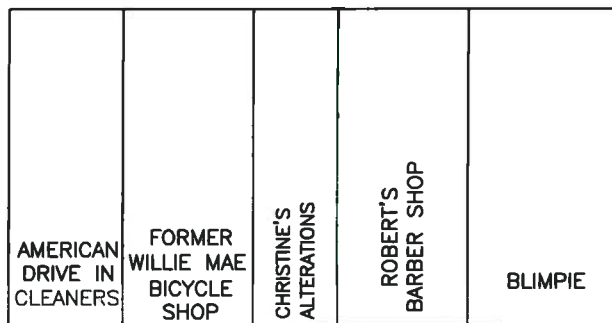
DOLLAR TREE
PARKING
LOT

FENCE

⊕
OA -2
VC - 0.55
TCE - 18

THRIFTY BEVERAGE
CENTER

⊕ OA -1
TCE - 2.4



SIDEWALK (TYPICAL)

HEMPSTEAD TURNPIKE

LEGEND:

⊕ = OUTDOOR SAMPLE MONITORING POINT

ND = NOT DETECTED

SAMPLE IDENTIFICATION:

OA-1 = OUTDOOR AIR SAMPLE IDENTIFICATION

VC = Vinyl Chloride

TCE = Trichloroethene

VC and TCE CONCENTRATION
RESULTS IN ug/m

EnviroTrac
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 15 FT. 30

REVISION DATE:
SEPTEMBER 10, 2010

APPROX. SCALE:
1" = 30 FEET

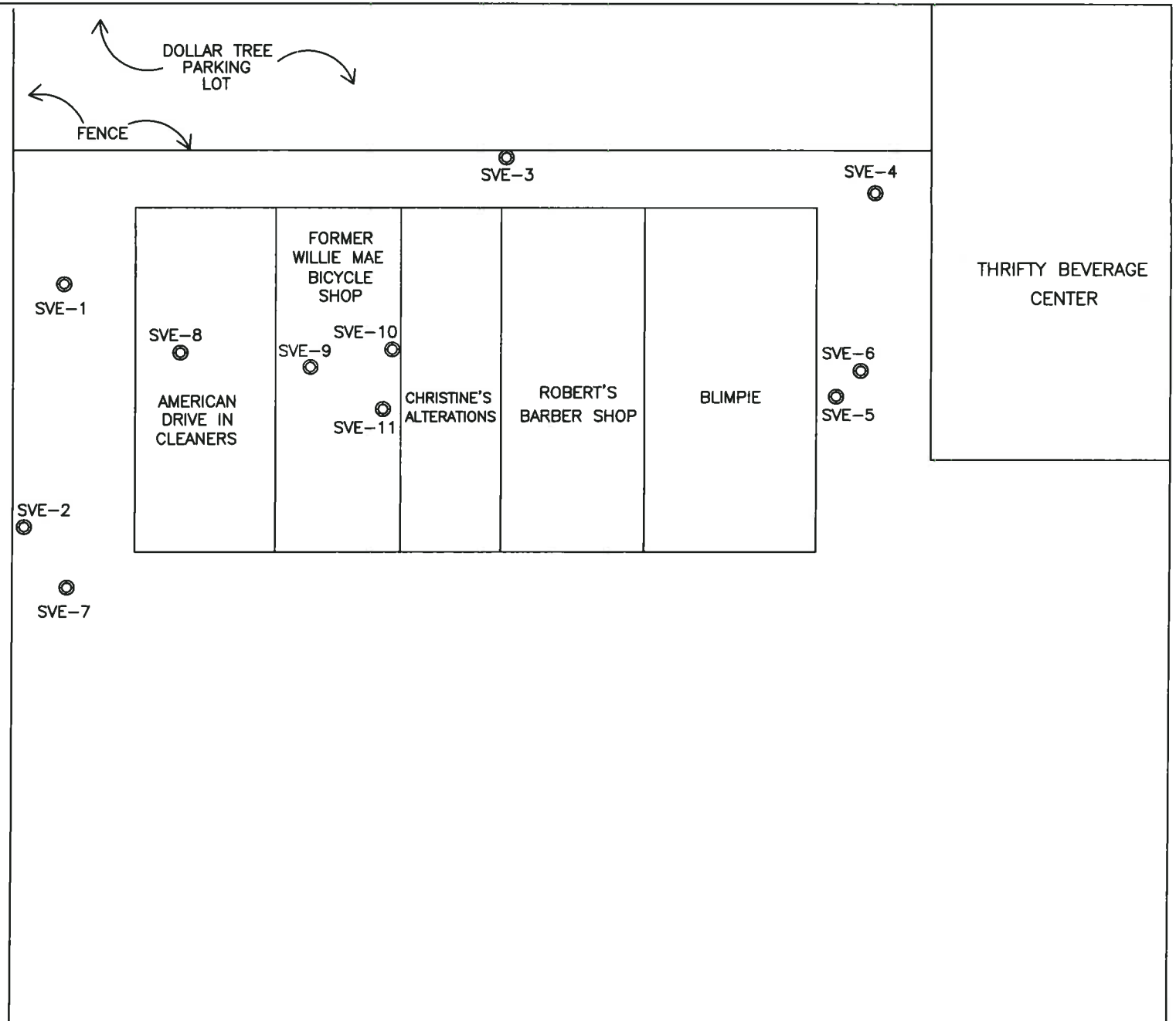
REVISED BY: TB

NYSDEC - AMERICAN DRIVE IN CLEANERS
3801 HEMPSTEAD TURNPIKE
LEVITTOWN, NY

OUTDOOR AIR CONCENTRATIONS
ON AUGUST 3, 2010

FIGURE #

6



LEGEND:
 ◎ = SOIL VAPOR EXTRACTION WELL

EnviroTrac
 5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
 PHONE: (631)924-3001 FAX: (631)924-5001

REVISION DATE: SEPTEMBER 5, 2008
 APPROX. SCALE: 1" = 20 FEET
 REVISED BY: TB

HEMPSTEAD TURNPIKE
 AMERICAN DRIVE IN CLEANERS
 3801 HEMPSTEAD TURNPIKE
 LEVITTOWN, NY

SVE WELL LOCATIONS

FIGURE #
 7

Table 1

**Groundwater Gauging Data
NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, NY**

Well	Date	Gauge Point Elevation (ft.)	Depth to Water (ft.)	Depth to Bottom (ft.)	Water Level Elevation (ft.)
MW-1I	10/25/07	81.26	27.51	77.96	53.75
	1/25/08		28.05		53.21
	4/29/08		26.08		55.18
	7/28/08		27.42		53.84
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		24.08		57.18
	7/13/10		24.96		56.30
MW-2S	1/25/08	74.42	NM	NM	NM
	4/29/08		NM		NM
	7/28/08		NM		NM
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		20.08		54.34
	7/13/10		22.22		52.20
MW-3S	1/25/08	74.72	22.12	33.42	52.60
	4/29/08		20.31		54.41
	7/28/08		21.32		53.40
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		18.03		56.69
	4/8/10		33.02		56.69
	7/13/10		20.06		54.66
MW-4S	1/25/08	81.91	29.43	38.28	52.48
	4/29/08		27.91		54.00
	7/28/08		28.94		52.97
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		25.35		56.56
	7/13/10		27.40		54.51
MW-4I	1/25/08	82.76	30.47	80.68	52.29
	4/29/08		28.92		53.84
	7/28/08		30.07		52.69
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		26.33		56.43
	7/13/10		NM		NM

Table 1

**Groundwater Gauging Data
NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, NY**

Well	Date	Gauge Point Elevation (ft.)	Depth to Water (ft.)	Depth to Bottom (ft.)	Water Level Elevation (ft.)
MW-5S	1/25/08	82.76	DRY	21.76	DRY
	4/29/08		DRY		DRY
	7/28/08		DRY		DRY
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/09		NM		NM
	4/8/10		21.33		61.43
	7/13/10		DRY		DRY
MW-6S	10/25/07	85.79	30.85	42.00	54.94
	1/25/08		30.98		54.81
	4/29/08		29.72		56.07
	7/28/08		30.68		55.11
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		27.14		58.65
	7/13/10		28.97		56.82
MW-6I	10/25/07	85.61	30.62	81.10	54.99
	1/25/08		30.74		54.87
	4/29/08		29.48		56.13
	7/28/08		30.44		55.17
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		26.91		58.70
	7/13/10		28.73		56.88
MW-7S	10/25/07	85.02	30.80	42.60	54.22
	1/25/08		31.09		53.93
	4/29/08		29.65		55.37
	7/28/08		30.61		54.41
	10/27/08		31.44		53.58
	01/31/09		29.90		55.12
	4/29/09		30.61		54.41
	7/27/09		29.56		55.44
	10/8/09		31.02		54.00
	1/27/10		30.73		54.29
	4/8/10		27.10		57.92
	7/13/10		28.92		56.10
MW-7I	10/25/07	85.11	30.89	81.69	54.22
	1/25/08		31.17		53.94
	4/29/08		29.75		55.36
	7/28/08		30.70		54.41
	10/27/08		31.51		53.60
	01/31/09		29.95		55.61
	4/29/09		30.68		54.43
	7/27/09		29.65		55.46
	10/8/09		31.11		54.00
	1/27/10		30.80		54.31
	4/8/10		27.16		57.95
	7/13/10		29.02		56.09

Table 1

**Groundwater Gauging Data
NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, NY**

Well	Date	Gauge Point Elevation (ft.)	Depth to Water (ft.)	Depth to Bottom (ft.)	Water Level Elevation (ft.)
MW-7D	10/25/07	85.02	30.82	102.00	54.20
	1/25/08		31.10		53.92
	4/29/08		29.59		55.43
	7/28/08		30.70		54.32
	10/27/08		31.46		53.56
	01/31/09		29.90		55.12
	4/29/09		30.65		54.37
	7/27/09		29.62		55.40
	10/8/09		31.09		54.00
	1/27/10		30.77		54.25
	4/8/10		27.16		57.96
	7/13/10		29.02		56.00
MW-8S	10/25/07	81.10	27.53	37.65	53.57
	1/25/08		27.86		53.24
	4/29/08		26.24		54.86
	7/28/08		27.28		53.82
	10/27/08		28.16		52.94
	01/31/09		26.65		54.45
	4/29/09		27.32		53.78
	7/27/09		26.26		54.84
	10/8/09		27.74		53.36
	1/27/10		27.43		53.67
	4/8/10		23.87		57.23
	7/13/10		25.65		55.45
MW-8I	10/25/07	81.08	27.72	78.90	53.36
	1/25/08		27.95		53.13
	4/29/08		26.38		54.70
	7/28/08		27.46		53.62
	10/27/08		28.28		52.80
	01/31/09		26.80		54.28
	4/29/09		27.45		53.63
	7/27/09		26.41		54.67
	10/8/09		27.90		53.18
	1/27/10		27.55		53.53
	4/8/10		23.90		57.18
	7/13/10		25.85		55.23
MW-9S	1/25/08	78.31	25.81	36.30	52.50
	4/29/08		24.18		54.13
	7/28/08		25.08		53.23
	10/27/08		26.20		52.11
	01/31/09		24.55		53.76
	4/29/09		25.25		53.06
	7/27/09		24.24		54.07
	10/8/09		25.78		52.53
	1/27/10		25.40		52.91
	4/8/10		21.79		56.52
	7/13/10		23.74		54.57
MW-9I	1/25/08	78.24	25.42	76.38	52.82
	4/29/08		23.43		54.81
	7/28/08		25.29		52.95
	10/27/08		26.25		51.99
	01/31/09		24.75		53.49
	4/29/09		25.32		52.92
	7/27/09		24.29		53.95
	10/8/09		25.80		53.24
	1/27/10		25.44		52.80
	4/8/10		21.72		56.52
	7/13/10		23.82		54.42

Table 1

**Groundwater Gauging Data
NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, NY**

Well	Date	Gauge Point Elevation (ft.)	Depth to Water (ft.)	Depth to Bottom (ft.)	Water Level Elevation (ft.)
MW-9D	1/25/08	78.07	25.64	117.95	52.43
	4/29/08		24.11		53.96
	7/28/08		25.21		52.86
	10/27/08		26.03		52.04
	01/31/09		26.00		52.07
	4/29/09		25.31		52.76
	7/27/09		24.21		53.86
	1/27/10		25.02		53.05
	1/27/09		25.32		52.75
	4/8/10		21.54		56.53
	7/13/10		22.95		55.12
MW-10S	10/25/07	80.75	26.92	33.25	53.83
	1/25/08		27.24		53.51
	4/29/08		25.69		55.06
	7/28/08		26.71		54.04
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		23.26		57.49
	7/13/10		25.04		55.71
MW-10I	10/25/07	80.45	26.79	80.60	53.66
	1/25/08		27.86		52.59
	4/29/08		26.79		53.66
	7/28/08		26.59		53.86
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	1/27/10		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		23.05		57.40
	7/13/10		24.78		55.67
MW-11S	1/25/08	83.04	32.34	39.81	50.70
	4/29/08		30.82		52.22
	7/28/08		32.25		50.79
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		27.94		55.10
	7/13/10		30.52		52.52
MW-12S	1/25/08	80.92	30.19	39.73	50.73
	4/29/08		28.74		52.18
	7/28/08		30.17		50.75
	10/27/08		NM		NM
	1/31/09		NM		NM
	4/29/09		NM		NM
	7/27/09		NM		NM
	10/8/09		NM		NM
	1/27/10		NM		NM
	4/8/10		25.79		55.13
	7/13/10		28.40		52.52

Notes:

1. NM = Not Measured
2. Survey Information Provided by YEC, Inc.

Table 2

Groundwater Analytical Results

NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, New York

Analytical Parameter	Units	Date Sampled	MW-1I	MW-1S	MW-2S	MW-3S	MW-4I	MW-4S	MW-5S	MW-6I	MW-6S	MW-7D	MW-7I	MW-7S	MW-8I	MW-8S	MW-9D	MW-9I	MW-9S	MW-10I	MW-10S	MW-11S	MW-12S	IW	DUP	TOGS Groundwater Standards	
Tetrachloroethene	ug/L	1990	NA	274	NA	NA	NA	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	
		1/20/98	NA	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		2/25/98	NA	NA	NA	NA	NA	NA	76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
		3/18/98	ND	180	ND	ND	NA	40	ND	ND	34	NA	120	6800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
		4/22/98	ND	250	ND	ND	NA	130	ND	ND	8	NA	130	5200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
		2/3/99	2	360	ND	ND	NA	580	ND	ND	2	2	1400	16000	180	1500	ND	ND	150	NA	NA	NA	NA	NA	NA		NA
		7/30/99	NA	NA	NA	NA	NA	380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA		
		1/20/00	NA	NA	NA	NA	NA	180	NA	NA	NA	NA	1600	3400	NA	570	NA	NA	74	NA	NA	NA	NA	4	NA		
		9/14/04	ND	ND	NA	NA	0.62 J	1.0 J	NA	NS	NS	0.51 J	1800 D	0.77J	NS	ND	ND	ND	2.6 J	1.9 J	12	ND	NA	3.8 J	3.0 J		
		9/6/05	ND	ND	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	ND	0.82 J	NS	NS	NS	NA	NS	NS		
		9/7/05	NS	NS	NA	NA	ND	8.8	NA	NS	NS	0.90 J	77	1.2	NS	ND	NS	NS	NS	1.3	2	ND	NA	NS	ND		
		10/26/07	ND	ND	NA	NA	NS	NS	NA	ND	ND	ND	ND	220	570	ND	NS	NS	NS	ND	ND	NS	NA	NS	NS		
		1/25/08	ND	ND	NA	ND	ND	ND	NS	NM	ND	ND	ND	120	ND	350	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	34	ND	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	120	ND	110	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	88	6.7	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	110	14	110	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.68	88	ND	240	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		NS
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.6	39	1.6	36	6.2	1.5	ND	1.1	NS	NS	NS	NS	NS	NS		NS
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	170	1.9	190	2.6	ND	ND	ND	NS	NS	NS	NS	NS	NS		NS
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	36	3.8	110	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		NS
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	2.4	4.3	2.2	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		NS
		7/14-16/10	ND	ND	ND	ND	ND	ND	1.5 J	12	ND	ND	ND	7.9	4.5 J	250	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
Toluene	ug/L	9/14/04	ND	ND	NA	NA	ND	0.50 J	NA	NS	NS	0.53 J	ND	ND	NS	ND	0.57 J	0.53 J	ND	ND	ND	0.50 J	NA	ND	0.57 J	5	
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	0.89	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.0	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
Xylenes (total)	ug/L	9/14/04	ND	ND	NA	NA	ND	0.56 J	NA	NS	NS	0.66 J	0.82 J	ND	NS	ND	0.56 J	0.65 J	ND	0.56 J	ND	0.84 J	NA	ND	0.55 J	5	
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	3.2	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
Acetone	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	2.2 J	ND	0.86 J	NS	ND	ND	ND	ND	ND	ND	NA	ND	2.2 J	-		
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS	
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS	
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS	
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		NS	
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	19	ND	NS	NS	NS	NS	NS		NS	
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	6.1	1.1	18	2	2.5	2.9	32	NS	NS	NS	NS	NS		NS	
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	49	13	NS	NS	NS	NS	NS		NS	
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	5.7	ND	ND	ND	ND	NS	NS	NS	NS	NS		NS	
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.5	2.6	1.3	3.9	3.9	2.2	ND	1.2	NS	NS	NS	NS	NS		NS	
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	2.7	3	2.1	4.5	NS	NS	NS	NS	NS		NS	
		7/14-16/10	2.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62	ND	4.2 J	4.0 J	2.3 J	ND	1.8 J	ND	1.9 J	NS		NS	
1,1-Dichloroethane	ug/L	2/4/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	27	NA	NA	4	NA	NA	NA	NA	NA	NA	NA	5	
		1/20/00	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	140	NA	10	NA	NA	1	NA	NA	NA	NA	NA	NA		
		9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	ND	ND	0.51 J	NS	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND		
		9/6/05	ND	ND	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	0.53 J	ND	NS	NS	NS	NA	NS</				

Table 2

Groundwater Analytical Results

NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, New York

Analytical Parameter	Units	Date Sampled	MW-1I	MW-1S	MW-2S	MW-3S	MW-4I	MW-4S	MW-5S	MW-6I	MW-6S	MW-7D	MW-7I	MW-7S	MW-8I	MW-8S	MW-9D	MW-9I	MW-9S	MW-10I	MW-10S	MW-11S	MW-12S	IW	DUP	TOGS Groundwater Standards	
Chloroform	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	ND	ND	0.84 J	NS	ND	ND	0.57 J	ND	ND	0.79 J	ND	NA	ND	ND	7	
		9/6/05	ND	0.62 J	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	ND	1.3	ND	NS	NS	NS	NA	NS	NS		
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	ND	ND	0.81 J	NS	ND	NS	NS	NS	ND	3.3	ND	NA	NS	ND		
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	1.1	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	0.76	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
111-Trichloroethane	ug/L	3/18/98	ND	4	ND	ND	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	
		4/22/99	ND	6	ND	ND	NA	NA	NA	1	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		2/3/99	ND	9	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	26	ND	ND	4	NA	NA	NA	NA	NA	NA	NA		
		7/30/99	NA	NA	NA	NA	NA	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA		
		1/20/00	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	ND	230	NA	14	NA	NA	3	NA	NA	NA	NA	NA	NA		
		9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	ND	ND	0.87 J	NS	ND	NS	NS	NS	NS	ND	1.5	ND	NA	NS		ND
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	ND	ND	ND	NS	ND	NS	NS	NS	NS	ND	NS	ND	NA	NS		ND
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
Methylene Chloride	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	0.93 J	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	5	
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	NS	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.9	ND	12	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
Chloromethane	ug/L	4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	5	
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		9/6/05	ND	ND	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	1.6	NS	NS	NS	NA	NS		NS
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
Dibromochloromethane	ug/L	10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	5	
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		9/6/05	ND	0.90 J	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	NS	NS	NS	NA	NS	NS		
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	ND	ND	ND	NS	ND	NS	NS	NS	ND	ND	0.65 J	NA	NS	ND		
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		

Table 2

Groundwater Analytical Results

NYSDEC Spill #130049
American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, New York

Analytical Parameter	Units	Date Sampled	MW-1I	MW-1S	MW-2S	MW-3S	MW-4I	MW-4S	MW-5S	MW-6I	MW-6S	MW-7D	MW-7I	MW-7S	MW-8I	MW-8S	MW-9D	MW-9I	MW-9S	MW-10I	MW-10S	MW-11S	MW-12S	IW	DUP	TOGS Groundwater Standards	
Bromoform	ug/L	9/6/05	ND	1.1	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	NS	NS	NS	NA	NS	NS		
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	ND	ND	ND	NS	ND	NS	NS	NS	ND	ND	0.87J	NA	NS	ND		
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
Carbon Tetrachloride	ug/L	9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	ND	ND	ND	NS	ND	NS	NS	NS	ND	0.67 J	ND	NA	NS	ND	5	
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
		Carbon Disulfide	ug/L	1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	2 J	ND	ND	ND	ND	ND	NS	NS	NS	NS		NS
4/29/09	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
7/27/09	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
10/8/09	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
1/27/10	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
4/8/10	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
7/14-16/10	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	
2-Butanone	ug/L	1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	5 J	ND	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
Methyl isobutyl ketone	ug/L	4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	2.5	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
Methyl Ethyl ketone	ug/L	4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	11	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	0.58	ND	ND	ND	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
1,1-Dichloroethene	ug/L	4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	1.5	ND	ND	NS	NS	NS	NS	NS	NS	5	
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	0.94	ND	ND	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS
Trichloroethene	ug/L	7/27/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	5	
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	0.7	ND	ND	NS	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		NS

Notes:

- 1. VOCs = Volatile Organic Compounds
- 2. Concentration Units = ug/L (micrograms per liter)
- 3. Laboratory analysis via EPA Method 8260 (Full List).
- 4. ND = Not Detected above the method detection limit of the laboratory
- 5. - = TOGS Groundwater Standard not established
- 6. Shaded values indicate concentrations at or above the TOGS Groundwater Standards.
- 7. NS = Not sampled
- 8. NA = Not available
- 9. J = Laboratory Estimate
- 10. TOGS= NYS Division of Water Technical and Operational Guidance Series 1.1.1

Table 3

Soil Vapor Extraction System Operation and Maintenance Data

American Drive-In Cleaners
 3801 Hempstead Turnpike
 Levittown, New York
 NYSDEC Site # 130049

Date:	6/2/2010	6/16/2010	6/30/2010	7/13/2010	7/27/2010	8/11/2010	8/25/2010
Technician:	RB	GZ	GZ	GZ/DE	SS	GZ	GZ
SVE System							
Vacuum (in H2O)							
Total Combined	NA	NA	NA	NA	NS	4.8	4.5
ADC 9 & 11	NA	NA	NA	NA	NS	4.7	4.3
SVE-1	NA	NA	NA	NA	NS	3.5	3.1
SVE-2	NA	NA	NA	NA	NS	3.8	3.2
SVE-3	NA	NA	NA	NA	NS	2.6	2.5
SVE-4	NA	NA	NA	NA	NS	2.4	2.1
SVE-5	NA	NA	NA	NA	NS	1.1	0.9
SVE-6	NA	NA	NA	NA	NS	1.4	1.1
SVE-7	NA	NA	NA	NA	NS	3.7	3.1
SVE Blower Before Filter	17	16	16	17	NS	16	16
SVE Blower After Filter	25	32	30	32	NS	30	30
Flow (CFM)							
Total Combined	NA	NA	NA	NA	NS	302	301
ADC 9 & 11	NA	NA	NA	NA	NS	33.1	32.4
SVE-1	NA	NA	NA	NA	NS	76.3	71.5
SVE-2	NA	NA	NA	NA	NS	62.5	60.8
SVE-3	NA	NA	NA	NA	NS	58.7	58.8
SVE-4	NA	NA	NA	NA	NS	51.2	49.3
SVE-5	NA	NA	NA	NA	NS	26.2	24.2
SVE-6	NA	NA	NA	NA	NS	39.1	40.3
SVE-7	NA	NA	NA	NA	NS	51.3	50.7
Temperature (F)							
At Effluent Discharge	100	90	90	94	NS	98	92
PID Reading (PPM)							
Influent	N/A	N/A	N/A	N/A	NS	N/A	N/A
Effluent	0	0	0	4.3	NS	0	0
Hour Meter Reading	48,562.70	48,701.90	48,839.70	48,965.10	NS	49,139.90	49,251.50
Comments	Tank was dry	NA	NA	NA	System shut down for SVP sampling	System restarted on 8/3 following SVP sampling	System off upon arrival due to power outage, restarted system.

Table 4

Air Sampling Analytical Results for Volatile Organic Compounds - Sub Slab

NYSDEC Spill # 130049

**American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, New York**

Analytical	Date	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7
Vinyl chloride	8/3/10	7.0	4.6	3.8	36	ND	ND	0.55
trans-1,2-Dichloroethene	8/3/10	ND	ND	ND	ND	9.0	ND	ND
cis-1,2-Dichloroethene	8/3/10	ND	ND	ND	ND	24	21	ND
Trichloroethene	8/3/10	4.8	ND	1.2	ND	1,000	5,300	ND
Tetrachloroethene	8/3/10	470	790	180	3,800	ND	ND	360

Notes:

- 1. Concentration Units = ug/m³.**
- 2. Laboratory analysis via EPA Method TO-15**
- 3. NYSDEC = New York State Department of Environmental Conservation**
- 4. ND = Not detected above the method detection limit of the laboratory**



Table 5

Air Sampling Analytical Results for Volatile Organic Compounds - Indoor Air

NYSDEC Spill # 130049

**American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, New York**

Analytical Parameter	Date	IA-1	IA-2	IA-3	IA-4	IA-5	IA-6	IA-7
Vinyl chloride	8/3/10	0.23	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	8/3/10	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	8/3/10	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	8/3/10	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	8/3/10	9.4	3.3	2.7	3.1	3.8	2.7	3.1

Notes:

1. Concentration Units = ug/m³.
2. Laboratory analysis via EPA Method TO-15
3. NYSDEC = New York State Department of Environmental Conservation
4. ND = Not detected above the method detection limit of the laboratory



Table 6

Air Sampling Analytical Results for Volatile Organic Compounds - Outdoor Ambient Air

NYSDEC Spill # 130049

**American Drive-In Cleaners
3801 Hempstead Turnpike
Levittown, New York**

Analytical Parameter	Date	OA-1	OA-2
Vinyl chloride	8/3/10	ND	0.35
trans-1,2-Dichloroethene	8/3/10	ND	ND
cis-1,2-Dichloroethene	8/3/10	ND	ND
Trichloroethene	8/3/10	ND	ND
Tetrachloroethene	8/3/10	2.4	18

Notes:

1. Concentration Units = ug/m³.
2. Laboratory analysis via EPA Method TO-15
3. NYSDEC = New York State Department of Environmental Conservation
4. ND = Not detected above the method detection limit of the laboratory



ANALYTICAL REPORT

Job Number: 220-12788-1

Job Description: Site: 130049 American Drive-In Cleaners

For:
New York State D.E.C.
Division of Water
625 Broadway, 8th Floor
Albany, NY 12233
Attention: Mr. Payson Long



Approved for release.
Cheryl Cascella
Data Review Analyst I
7/23/2010 11:14 AM

Designee for
Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
07/23/2010

cc: Ms. Emily Sanagorski

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

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Job Narrative
220-12788-1

Comments

No additional comments.

Receipt

All samples were received at the laboratory with no sample collection time documented on the chain of custody: . As a result, a sample collection time of 12:00 a.m. on the date of collection has been used.

The following samples were received at the laboratory with no sample collection times documented on the chain of custody: MW-10I (220-12788-19), MW-10S (220-12788-18), MW-11S (220-12788-20), MW-12S (220-12788-21), MW-1I (220-12788-2), MW-1S (220-12788-1), MW-2S (220-12788-3), MW-3S (220-12788-4), MW-4I (220-12788-6), MW-4S (220-12788-5), MW-5S (220-12788-7), MW-6I (220-12788-9), MW-6S (220-12788-8), MW-7D (220-12788-12), MW-7I (220-12788-11), MW-7S (220-12788-10), MW-8I (220-12788-14), MW-8S (220-12788-13), MW-9D (220-12788-17), MW-9I (220-12788-16), MW-9S (220-12788-15). As a result, a sample collection time of 12:00 a.m. on the date of collection has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 220-12788-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12788-2 Acetone	MW-1I	2.7	J	10	ug/L	8260B
220-12788-5 Tetrachloroethene	MW-4S	1.5	J	5.0	ug/L	8260B
220-12788-7 Acetone Toluene	MW-5S	12 1.2	J	10 5.0	ug/L ug/L	8260B 8260B
220-12788-10 Tetrachloroethene	MW-7S	4.5	J	5.0	ug/L	8260B
220-12788-11 Tetrachloroethene	MW-7I	7.9		5.0	ug/L	8260B
220-12788-14 Acetone Methylene Chloride Tetrachloroethene	MW-8I	62 12 250	B	20 10 10	ug/L ug/L ug/L	8260B 8260B 8260B
220-12788-15 Acetone	MW-9S	2.3	J	10	ug/L	8260B
220-12788-16 Acetone	MW-9I	4.0	J	10	ug/L	8260B
220-12788-17 Acetone	MW-9D	4.2	J	10	ug/L	8260B
220-12788-18 Acetone	MW-10S	1.8	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 220-12788-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12788-21 Acetone	MW-12S	1.9	J	10	ug/L	8260B

METHOD SUMMARY

Client: New York State D.E.C.

Job Number: 220-12788-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: New York State D.E.C.

Job Number: 220-12788-1

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK

SAMPLE SUMMARY

Client: New York State D.E.C.

Job Number: 220-12788-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-12788-1	MW-1S	Water	07/14/2010 0000	07/19/2010 1815
220-12788-2	MW-1I	Water	07/14/2010 0000	07/19/2010 1815
220-12788-3	MW-2S	Water	07/15/2010 0000	07/19/2010 1815
220-12788-4	MW-3S	Water	07/14/2010 0000	07/19/2010 1815
220-12788-5	MW-4S	Water	07/15/2010 0000	07/19/2010 1815
220-12788-6	MW-4I	Water	07/15/2010 0000	07/19/2010 1815
220-12788-7	MW-5S	Water	07/14/2010 0000	07/19/2010 1815
220-12788-8	MW-6S	Water	07/13/2010 0000	07/19/2010 1815
220-12788-9	MW-6I	Water	07/13/2010 0000	07/19/2010 1815
220-12788-10	MW-7S	Water	07/13/2010 0000	07/19/2010 1815
220-12788-11	MW-7I	Water	07/13/2010 0000	07/19/2010 1815
220-12788-12	MW-7D	Water	07/14/2010 0000	07/19/2010 1815
220-12788-13	MW-8S	Water	07/14/2010 0000	07/19/2010 1815
220-12788-14	MW-8I	Water	07/14/2010 0000	07/19/2010 1815
220-12788-15	MW-9S	Water	07/14/2010 0000	07/19/2010 1815
220-12788-16	MW-9I	Water	07/14/2010 0000	07/19/2010 1815
220-12788-17	MW-9D	Water	07/14/2010 0000	07/19/2010 1815
220-12788-18	MW-10S	Water	07/13/2010 0000	07/19/2010 1815
220-12788-19	MW-10I	Water	07/13/2010 0000	07/19/2010 1815
220-12788-20	MW-11S	Water	07/13/2010 0000	07/19/2010 1815
220-12788-21	MW-12S	Water	07/13/2010 0000	07/19/2010 1815

SAMPLE RESULTS

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-1S

Lab Sample ID: 220-12788-1

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4644.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1139		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1139			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		65 - 136
4-Bromofluorobenzene	77		51 - 142
Dibromofluoromethane	87		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-11

Lab Sample ID: 220-12788-2

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4666.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 2032		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 2032			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		65 - 136
4-Bromofluorobenzene	71		51 - 142
Dibromofluoromethane	79		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-2S

Lab Sample ID: 220-12788-3

Date Sampled: 07/15/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4645.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1204		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1204			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		65 - 136
4-Bromofluorobenzene	73		51 - 142
Dibromofluoromethane	81		68 - 132
Toluene-d8 (Surr)	88		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-3S

Lab Sample ID: 220-12788-4

Client Matrix: Water

Date Sampled: 07/14/2010 0000

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4646.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1227		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1227			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		65 - 136
4-Bromofluorobenzene	76		51 - 142
Dibromofluoromethane	84		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-4S

Lab Sample ID: 220-12788-5

Date Sampled: 07/15/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 220-40737

Instrument ID: MSL

Preparation: 5030B

Lab File ID: L4647.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 07/21/2010 1251

Final Weight/Volume: 5 mL

Date Prepared: 07/21/2010 1251

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		65 - 136
4-Bromofluorobenzene	71		51 - 142
Dibromofluoromethane	84		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-4I

Lab Sample ID: 220-12788-6

Date Sampled: 07/15/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4648.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1316		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1316			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		65 - 136
4-Bromofluorobenzene	72		51 - 142
Dibromofluoromethane	83		68 - 132
Toluene-d8 (Surr)	90		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-5S

Lab Sample ID: 220-12788-7

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4667.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 2056		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 2056			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	12		1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	1.2	J	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		65 - 136
4-Bromofluorobenzene	73		51 - 142
Dibromofluoromethane	84		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-6S

Lab Sample ID: 220-12788-8

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4649.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1340		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1340			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		65 - 136
4-Bromofluorobenzene	73		51 - 142
Dibromofluoromethane	83		68 - 132
Toluene-d8 (Surr)	89		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-6I

Lab Sample ID: 220-12788-9

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4650.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1405		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1405			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		65 - 136
4-Bromofluorobenzene	71		51 - 142
Dibromofluoromethane	83		68 - 132
Toluene-d8 (Surr)	87		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-7S

Lab Sample ID: 220-12788-10

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4651.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1429		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1429			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	4.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		65 - 136
4-Bromofluorobenzene	73		51 - 142
Dibromofluoromethane	82		68 - 132
Toluene-d8 (Surr)	89		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-7I

Lab Sample ID: 220-12788-11

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4652.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1453		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1453			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	7.9		0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		65 - 136
4-Bromofluorobenzene	72		51 - 142
Dibromofluoromethane	81		68 - 132
Toluene-d8 (Surr)	88		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-7D

Lab Sample ID: 220-12788-12

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 220-40737

Instrument ID: MSL

Preparation: 5030B

Lab File ID: L4653.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 07/21/2010 1518

Final Weight/Volume: 5 mL

Date Prepared: 07/21/2010 1518

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		65 - 136
4-Bromofluorobenzene	74		51 - 142
Dibromofluoromethane	83		68 - 132
Toluene-d8 (Surr)	90		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-8S

Lab Sample ID: 220-12788-13

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4654.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1542		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1542			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		65 - 136
4-Bromofluorobenzene	71		51 - 142
Dibromofluoromethane	84		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-8I

Lab Sample ID: 220-12788-14

Client Matrix: Water

Date Sampled: 07/14/2010 0000

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4655.D
Dilution:	2.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1606		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1606			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	62		2.1	20
Benzene	10	U	1.5	10
Bromodichloromethane	10	U	0.96	10
Bromoform	10	U	0.92	10
Bromomethane	10	U	4.2	10
Methyl Ethyl Ketone	20	U	2.2	20
Carbon disulfide	10	U	1.8	10
Carbon tetrachloride	10	U *	2.1	10
Chlorobenzene	10	U	1.4	10
Chloroethane	10	U	2.1	10
Chloroform	10	U	1.3	10
Chloromethane	10	U	2.2	10
Dibromochloromethane	10	U	1.1	10
1,1-Dichloroethane	10	U	2.1	10
1,2-Dichloroethane	10	U	1.4	10
1,1-Dichloroethene	10	U	1.7	10
1,2-Dichloropropane	10	U	1.4	10
cis-1,3-Dichloropropene	10	U	0.56	10
trans-1,3-Dichloropropene	10	U	1.1	10
Ethylbenzene	10	U	1.7	10
2-Hexanone	20	U	2.2	20
Methylene Chloride	12	B	1.6	10
methyl isobutyl ketone	20	U	0.76	20
Styrene	10	U	1.3	10
1,1,2,2-Tetrachloroethane	10	U	1.6	10
Tetrachloroethene	250		1.6	10
Toluene	10	U	1.4	10
1,1,1-Trichloroethane	10	U	1.4	10
1,1,2-Trichloroethane	10	U	1.3	10
Trichloroethene	10	U	1.2	10
Vinyl chloride	10	U	2.0	10
Xylenes, Total	10	U	4.5	10
cis-1,2-Dichloroethene	10	U	2.0	10
trans-1,2-Dichloroethene	10	U	1.5	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		65 - 136
4-Bromofluorobenzene	69		51 - 142
Dibromofluoromethane	77		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-9S

Lab Sample ID: 220-12788-15

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4656.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1631		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1631			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		65 - 136
4-Bromofluorobenzene	72		51 - 142
Dibromofluoromethane	79		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-9I

Lab Sample ID: 220-12788-16

Client Matrix: Water

Date Sampled: 07/14/2010 0000

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4657.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1655		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1655			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.0	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		65 - 136
4-Bromofluorobenzene	70		51 - 142
Dibromofluoromethane	78		68 - 132
Toluene-d8 (Surr)	87		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-9D

Lab Sample ID: 220-12788-17

Date Sampled: 07/14/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4658.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1720		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1720			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.2	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		65 - 136
4-Bromofluorobenzene	69		51 - 142
Dibromofluoromethane	78		68 - 132
Toluene-d8 (Surr)	88		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-10S

Lab Sample ID: 220-12788-18

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4659.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1744		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1744			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.8	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		65 - 136
4-Bromofluorobenzene	71		51 - 142
Dibromofluoromethane	78		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-101

Lab Sample ID: 220-12788-19

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4660.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1808		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1808			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		65 - 136
4-Bromofluorobenzene	71		51 - 142
Dibromofluoromethane	81		68 - 132
Toluene-d8 (Surr)	87		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-11S

Lab Sample ID: 220-12788-20

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4661.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1832		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1832			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	73		65 - 136
4-Bromofluorobenzene	74		51 - 142
Dibromofluoromethane	78		68 - 132
Toluene-d8 (Surr)	88		63 - 127

Analytical Data

Client: New York State D.E.C.

Job Number: 220-12788-1

Client Sample ID: MW-12S

Lab Sample ID: 220-12788-21

Date Sampled: 07/13/2010 0000

Client Matrix: Water

Date Received: 07/19/2010 1815

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-40737	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L4662.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/21/2010 1856		Final Weight/Volume:	5 mL
Date Prepared:	07/21/2010 1856			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U *	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		65 - 136
4-Bromofluorobenzene	79		51 - 142
Dibromofluoromethane	82		68 - 132
Toluene-d8 (Surr)	92		63 - 127

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 220-12788-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.

QUALITY CONTROL RESULTS

Quality Control Results

Client: New York State D.E.C.

Job Number: 220-12788-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report	Client Matrix	Method	Prep Batch
		Basis			
GC/MS VOA					
Analysis Batch:220-40737					
LCS 220-40737/2	Lab Control Sample	T	Water	8260B	
MB 220-40737/3	Method Blank	T	Water	8260B	
220-12788-1	MW-1S	T	Water	8260B	
220-12788-2	MW-1I	T	Water	8260B	
220-12788-3	MW-2S	T	Water	8260B	
220-12788-4	MW-3S	T	Water	8260B	
220-12788-5	MW-4S	T	Water	8260B	
220-12788-6	MW-4I	T	Water	8260B	
220-12788-7	MW-5S	T	Water	8260B	
220-12788-8	MW-6S	T	Water	8260B	
220-12788-9	MW-6I	T	Water	8260B	
220-12788-10	MW-7S	T	Water	8260B	
220-12788-11	MW-7I	T	Water	8260B	
220-12788-12	MW-7D	T	Water	8260B	
220-12788-13	MW-8S	T	Water	8260B	
220-12788-14	MW-8I	T	Water	8260B	
220-12788-15	MW-9S	T	Water	8260B	
220-12788-16	MW-9I	T	Water	8260B	
220-12788-17	MW-9D	T	Water	8260B	
220-12788-18	MW-10S	T	Water	8260B	
220-12788-19	MW-10I	T	Water	8260B	
220-12788-20	MW-11S	T	Water	8260B	
220-12788-21	MW-12S	T	Water	8260B	

Report Basis

T = Total

Client: New York State D.E.C.

Job Number: 220-12788-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
220-12788-1	MW-1S	80	77	87	93
220-12788-2	MW-1I	74	71	79	85
220-12788-3	MW-2S	79	73	81	88
220-12788-4	MW-3S	80	76	84	91
220-12788-5	MW-4S	78	71	84	91
220-12788-6	MW-4I	77	72	83	90
220-12788-7	MW-5S	79	73	84	92
220-12788-8	MW-6S	80	73	83	89
220-12788-9	MW-6I	78	71	83	87
220-12788-10	MW-7S	78	73	82	89
220-12788-11	MW-7I	78	72	81	88
220-12788-12	MW-7D	77	74	83	90
220-12788-13	MW-8S	79	71	84	91
220-12788-14	MW-8I	75	69	77	85
220-12788-15	MW-9S	74	72	79	85
220-12788-16	MW-9I	74	70	78	87
220-12788-17	MW-9D	75	69	78	88
220-12788-18	MW-10S	74	71	78	85
220-12788-19	MW-10I	76	71	81	87
220-12788-20	MW-11S	73	74	78	88
220-12788-21	MW-12S	77	79	82	92
MB 220-40737/3		81	75	84	91
LCS 220-40737/2		81	80	81	91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
BFB = 4-Bromofluorobenzene	51-142
DBFM = Dibromofluoromethane	68-132
TOL = Toluene-d8 (Surr)	63-127

Quality Control Results

Client: New York State D.E.C.

Job Number: 220-12788-1

Method Blank - Batch: 220-40737

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 220-40737/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/21/2010 1115

Date Prepared: 07/21/2010 1115

Analysis Batch: 220-40737

Prep Batch: N/A

Units: ug/L

Instrument ID: MSL

Lab File ID: L4643.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.975	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	65 - 136
4-Bromofluorobenzene	75	51 - 142
Dibromofluoromethane	84	68 - 132
Toluene-d8 (Surr)	91	63 - 127

Quality Control Results

Client: New York State D.E.C.

Job Number: 220-12788-1

Lab Control Sample - Batch: 220-40737

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 220-40737/2

Analysis Batch: 220-40737

Instrument ID: MSL

Client Matrix: Water

Prep Batch: N/A

Lab File ID: L4640.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 07/21/2010 1003

Final Weight/Volume: 5 mL

Date Prepared: 07/21/2010 1003

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	17.5	88	41 - 150	
Benzene	20.0	16.8	84	66 - 131	
Bromodichloromethane	20.0	17.0	85	78 - 120	
Bromoform	20.0	19.5	97	66 - 120	
Bromomethane	20.0	21.9	110	47 - 150	
Methyl Ethyl Ketone	20.0	15.8	79	42 - 150	
Carbon disulfide	20.0	14.6	73	55 - 150	
Carbon tetrachloride	20.0	13.0	65	69 - 135	*
Chlorobenzene	20.0	17.8	89	68 - 120	
Chloroethane	20.0	21.3	107	49 - 150	
Chloroform	20.0	17.1	85	77 - 126	
Chloromethane	20.0	17.8	89	33 - 150	
Dibromochloromethane	20.0	19.4	97	75 - 120	
1,1-Dichloroethane	20.0	17.1	85	75 - 130	
1,2-Dichloroethane	20.0	16.9	85	73 - 127	
1,1-Dichloroethene	20.0	17.2	86	65 - 142	
1,2-Dichloropropane	20.0	17.2	86	69 - 129	
cis-1,3-Dichloropropene	20.0	16.3	82	63 - 120	
trans-1,3-Dichloropropene	20.0	15.8	79	73 - 120	
Ethylbenzene	20.0	16.5	83	62 - 120	
2-Hexanone	20.0	19.7	99	46 - 150	
Methylene Chloride	20.0	20.0	100	56 - 138	
methyl isobutyl ketone	20.0	19.9	99	70 - 122	
Styrene	20.0	17.5	87	47 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	75 - 124	
Tetrachloroethene	20.0	18.7	94	50 - 120	
Toluene	20.0	18.6	93	66 - 120	
1,1,1-Trichloroethane	20.0	16.6	83	73 - 135	
1,1,2-Trichloroethane	20.0	17.2	86	76 - 125	
Trichloroethene	20.0	16.4	82	60 - 122	
Vinyl chloride	20.0	17.4	87	61 - 150	
Xylenes, Total	60.0	51.2	85	58 - 120	
cis-1,2-Dichloroethene	20.0	17.1	86	65 - 120	
trans-1,2-Dichloroethene	20.0	17.0	85	58 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	65 - 136
4-Bromofluorobenzene	80	51 - 142
Dibromofluoromethane	81	68 - 132
Toluene-d8 (Surr)	91	63 - 127

12788

CHAIN OF CUSTODY

EnviroTrac

5 Old Dock Road
Yaphank, NY 11980
(631) 924-3001 Fax (631) 924-5001
Contact: Donna Eschrich
Email: donnae@envirotrac.com

Bill To: NYSDEC

625 Broadway, 12th Floor
Albany, NY 12233
Attn: Payson Long

NYSDEC-American Drive-In Cleaners
Site # 130049

Lab ID	Date Sampled	Time Sampled	Sampler Initial	Matrix	No. of Cont.	Presrv.	EnviroTrac Sample ID	Analyses Required	Requested Turnaround
	7/14/2010		DE/LD	GW	3	HCl	① MW-1S	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	② MW-1I	EPA 8260	10 days
	7/15/2010		LD	GW	3	HCl	③ MW-2S	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	④ MW-3S	EPA 8260	10 days
	7/15/2010		LD	GW	3	HCl	⑤ MW-4S	EPA 8260	10 days
	7/15/2010		LD	GW	3	HCl	⑥ MW-4I	EPA 8260	10 days
	7/14/2010		DE/LD	GW	2	HCl	⑦ MW-5S	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑧ MW-6S	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑨ MW-6I	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑩ MW-7S	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑪ MW-7I	EPA 8260	10 days
	7/14/2010		DE/GZ	GW	3	HCl	⑫ MW-7D	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	⑬ MW-8S	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	⑭ MW-8I	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	⑮ MW-9S	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	⑯ MW-9I	EPA 8260	10 days
	7/14/2010		DE/LD	GW	3	HCl	⑰ MW-9D	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑱ MW-10S	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑲ MW-10I	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	⑳ MW-11S	EPA 8260	10 days
	7/13/2010		DE/GZ	GW	3	HCl	㉑ MW-12S	EPA 8260	10 days

Relinquished by: *[Signature]* Time/Date: 7/19/10 - 1:45pm

Received By: *[Signature]* Time/Date: 7/19/10 1340

Relinquished by: *[Signature]* Time/Date: 7/19/10 1800

Received By: *[Signature]* Time/Date: 7/19/10 1200

Comments: *Covered @ 2.9 c pds*

GW = Groundwater

passed rad
screen

Login Sample Receipt Check List

Client: New York State D.E.C.

Job Number: 220-12788-1

Login Number: 12788

List Source: TestAmerica Connecticut

Creator: Cedeno, Jorge

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No sample times provided.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

8/24/2010
Ms. Donna Eschrich
EnviroTrac Ltd.
5 Old Dock Rd.

Yaphank NY 11980

Project Name: American Drive In Cleaners
Project #: 01.DC1018.01
Workorder #: 1008162A

Dear Ms. Donna Eschrich

The following report includes the data for the above referenced project for sample(s) received on 8/6/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott
Project Manager

WORK ORDER #: 1008162A

Work Order Summary

CLIENT: Ms. Donna Eschrich
EnviroTrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

BILL TO: Mr. James Van Horn
EnviroTrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

PHONE: 631-924-3001

P.O. #

FAX:

PROJECT # 01.DC1018.01 American Drive In

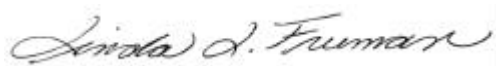
DATE RECEIVED: 08/06/2010

CONTACT: Cleaners
Ausha Scott

DATE COMPLETED: 08/24/2010

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-6	Modified TO-15	0.5 "Hg	5 psi
02A	OA-2	Modified TO-15	2.5 "Hg	5 psi
03A	SS-6	Modified TO-15	0.0 "Hg	5 psi
04A	SS-5	Modified TO-15	2.5 "Hg	5 psi
05A	IA-5	Modified TO-15	0.0 "Hg	5 psi
06A	OA-1	Modified TO-15	5.5 "Hg	5 psi
07A	IA-3	Modified TO-15	3.0 "Hg	5 psi
08A	SS-3	Modified TO-15	4.0 "Hg	5 psi
09A	Lab Blank	Modified TO-15	NA	NA
09B	Lab Blank	Modified TO-15	NA	NA
10A	CCV	Modified TO-15	NA	NA
10B	CCV	Modified TO-15	NA	NA
11A	LCS	Modified TO-15	NA	NA
11B	LCS	Modified TO-15	NA	NA

CERTIFIED BY:



DATE: 08/24/10

Laboratory Director

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,

Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
EnviroTrac Ltd.
Workorder# 1008162A

Four 6 Liter Summa Canister (100% Certified) and four 6 Liter Summa Canister (SIM Certified) samples were received on August 06, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Despite the use of flow controller for sample collection, the final canister vacuum for sample IA-5 was measured at ambient pressure in the field. This ambient pressure reading was confirmed by the laboratory upon sample receipt.

The Summa canister for sample SS-6 was leaking upon arrival. The client was notified and the analysis proceeded. Reported analyte concentrations are considered to be estimated.

Analytical Notes

Samples SS-6 and SS-5 were transferred from SIM analysis to full scan TO-15 due to high levels of target compounds.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction)

not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: IA-6

Lab ID#: 1008162A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.14	0.40	0.92	2.7

Client Sample ID: OA-2

Lab ID#: 1008162A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.029	0.066	0.16	0.35
Tetrachloroethene	0.15	2.7	0.99	18

Client Sample ID: SS-6

Lab ID#: 1008162A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	2.7	3.8	14	21
Tetrachloroethene	2.7	780	18	5300

Client Sample ID: SS-5

Lab ID#: 1008162A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
cis-1,2-Dichloroethene	0.73	2.3	2.9	9.0
Trichloroethene	0.73	4.4	3.9	24
Tetrachloroethene	0.73	150	5.0	1000

Client Sample ID: IA-5

Lab ID#: 1008162A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.13	0.56	0.91	3.8

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: OA-1

Lab ID#: 1008162A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.16	0.35	1.1	2.4

Client Sample ID: IA-3

Lab ID#: 1008162A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.15	0.39	1.0	2.7

Client Sample ID: SS-3

Lab ID#: 1008162A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.031	0.70	0.17	3.8
cis-1,2-Dichloroethene	0.16	0.30	0.61	1.2
Tetrachloroethene	0.16	26	1.0	180

Client Sample ID: IA-6

Lab ID#: 1008162A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081818	Date of Collection: 8/3/10 10:31:00 AM
Dil. Factor:	1.36	Date of Analysis: 8/19/10 09:59 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.027	Not Detected	0.15	Not Detected
Vinyl Chloride	0.14	Not Detected	0.35	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Tetrachloroethene	0.14	0.40	0.92	2.7

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	93	70-130

Client Sample ID: OA-2

Lab ID#: 1008162A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081819	Date of Collection: 8/3/10 9:54:00 AM
Dil. Factor:	1.46	Date of Analysis: 8/19/10 10:52 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.029	0.066	0.16	0.35
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrachloroethene	0.15	2.7	0.99	18

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: SS-6

Lab ID#: 1008162A-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	x082008	Date of Collection: 8/3/10 11:55:00 AM
Dil. Factor:	5.36	Date of Analysis: 8/20/10 11:27 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	2.7	Not Detected	6.8	Not Detected
cis-1,2-Dichloroethene	2.7	Not Detected	11	Not Detected
Trichloroethene	2.7	3.8	14	21
Tetrachloroethene	2.7	780	18	5300
trans-1,2-Dichloroethene	2.7	Not Detected	11	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: SS-5

Lab ID#: 1008162A-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	x082009	Date of Collection: 8/3/10 9:19:00 AM
Dil. Factor:	1.46	Date of Analysis: 8/20/10 12:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.73	Not Detected	1.9	Not Detected
cis-1,2-Dichloroethene	0.73	2.3	2.9	9.0
Trichloroethene	0.73	4.4	3.9	24
Tetrachloroethene	0.73	150	5.0	1000
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: IA-5

Lab ID#: 1008162A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081822	Date of Collection: 8/3/10 9:23:00 AM
Dil. Factor:	1.34	Date of Analysis: 8/19/10 01:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.027	Not Detected	0.14	Not Detected
Vinyl Chloride	0.13	Not Detected	0.34	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
cis-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Tetrachloroethene	0.13	0.56	0.91	3.8

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	93	70-130

Client Sample ID: OA-1

Lab ID#: 1008162A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081823	Date of Collection: 8/3/10 9:57:00 AM
Dil. Factor:	1.64	Date of Analysis: 8/19/10 02:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Vinyl Chloride	0.16	Not Detected	0.42	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Tetrachloroethene	0.16	0.35	1.1	2.4

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: IA-3

Lab ID#: 1008162A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081824	Date of Collection: 8/3/10 9:22:00 AM
Dil. Factor:	1.49	Date of Analysis: 8/19/10 03:34 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrachloroethene	0.15	0.39	1.0	2.7

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: SS-3

Lab ID#: 1008162A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081826	Date of Collection: 8/3/10 8:37:00 AM
Dil. Factor:	1.55	Date of Analysis: 8/19/10 05:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.031	0.70	0.17	3.8
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
cis-1,2-Dichloroethene	0.16	0.30	0.61	1.2
Tetrachloroethene	0.16	26	1.0	180

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	89	70-130

Client Sample ID: Lab Blank

Lab ID#: 1008162A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081806c	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/18/10 10:26 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: Lab Blank

Lab ID#: 1008162A-09B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	x082006	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/20/10 09:20 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: CCV

Lab ID#: 1008162A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081802	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/18/10 07:55 PM

Compound	%Recovery
Trichloroethene	92
Vinyl Chloride	83
trans-1,2-Dichloroethene	93
cis-1,2-Dichloroethene	91
Tetrachloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	0-140
Toluene-d8	102	0-130
4-Bromofluorobenzene	103	0-130

Client Sample ID: CCV

Lab ID#: 1008162A-10B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	x082002	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/20/10 05:53 AM

Compound	%Recovery
Vinyl Chloride	91
cis-1,2-Dichloroethene	91
Trichloroethene	98
Tetrachloroethene	91
trans-1,2-Dichloroethene	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: LCS

Lab ID#: 1008162A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081803	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/18/10 08:28 PM

Compound	%Recovery
Trichloroethene	88
Vinyl Chloride	89
trans-1,2-Dichloroethene	92
cis-1,2-Dichloroethene	88
Tetrachloroethene	85

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 1008162A-11B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	x082003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/20/10 06:29 AM

Compound	%Recovery
Vinyl Chloride	91
cis-1,2-Dichloroethene	91
Trichloroethene	93
Tetrachloroethene	90
trans-1,2-Dichloroethene	91

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	102	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 2

Project Manager Tom Bosshard
Collected by: (Print and Sign) Donna Eschrich/Lenny Darmiento
Company Envirotrac, Ltd Email TomB@envirotrac.com
Address 5015 Dock Rd City Yaphank State NY Zip 11980
Phone 631-924-3001 Fax 631-924-5001

Project Info:	
P.O. # <u>01-061018-01</u>	Turn Around Time: ☒ Normal ☐ Rush
Project # <u>01-061018-01</u>	Date: _____
Project Name <u>American Drive-In Cleaners</u>	Pressurization Gas: _____
	N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum		
						Initial	Final	Receipt (psi)
01AB	1A-6	5565	8/3/10	10:31 AM	TO-15	-30 ⁺	-1.5	
02AB	0A-3	33583	8/3/10	9:54 AM	↓	-30 ⁺	-6.5	
03AB	SS-6	12721	8/3/10	11:55 AM	↓	-29.5	-5.0	
—	NO GOOD	12019	8/3/10	—	NO GOOD	—	—	—
04AB	SS-5	36602	8/3/10	9:19 AM	TO-15	-30 ⁺	-3.5	
05AB	1A-5	33889	8/3/10	9:23 AM	↓	-30	0	
06AB	0A-1	436	8/3/10	9:57 AM	↓	-22	-6.0	
—	NOT USED	10986	—	—	NOT USED	—	—	—
07AB	1A-3	33984	8/3/10	9:22 AM	TO-15	-30 ⁺	-4.0	
08AB	SS-3	96102	8/3/10	8:37 AM	TO-15	-30 ⁺	-7.0	

Relinquished by: (signature) <u>Donna Eschrich</u> Date/Time <u>Aug. 4, 2010/12:00 pm</u>	Received by: (signature) <u>Gregory M</u> Date/Time <u>8/6/10</u>	Notes: <u>Analyses for: Trichloroethene, Vinyl Chloride, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, and tetrachloroethene.</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	Temp (°C) <u>NA</u>	Condition <u>Good</u>	Custody Seals Intact? <u>Yes</u> <u>No</u> <u>None</u>	Work Order # <u>1008162</u>
Lab Use Only	Shipper Name <u>Ed Ex</u>	Air Bill #			

8/24/2010
Ms. Donna Eschrich
EnviroTrac Ltd.
5 Old Dock Rd.

Yaphank NY 11980

Project Name: American Drive In Cleaners
Project #: 01.DC1018.01
Workorder #: 1008162B

Dear Ms. Donna Eschrich

The following report includes the data for the above referenced project for sample(s) received on 8/6/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott
Project Manager

WORK ORDER #: 1008162B

Work Order Summary

CLIENT: Ms. Donna Eschrich
EnviroTrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

BILL TO: Mr. James Van Horn
EnviroTrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

PHONE: 631-924-3001

P.O. #

FAX:

PROJECT # 01.DC1018.01 American Drive In

DATE RECEIVED: 08/06/2010

CONTACT: Cleaners
Ausha Scott

DATE COMPLETED: 08/21/2010

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
09A	IA-2	Modified TO-15	2.0 "Hg	5 psi
10A	SS-2	Modified TO-15	1.5 "Hg	5 psi
11A	SS-1	Modified TO-15	3.0 "Hg	5 psi
12A	IA-1	Modified TO-15	3.0 "Hg	5 psi
13A	SS-4	Modified TO-15	4.0 "Hg	5 psi
14A	IA-7	Modified TO-15	1.0 "Hg	5 psi
15A	SS-7	Modified TO-15	4.0 "Hg	5 psi
16A	IA-4	Modified TO-15	0.0 "Hg	5 psi
17A	Lab Blank	Modified TO-15	NA	NA
17B	Lab Blank	Modified TO-15	NA	NA
18A	CCV	Modified TO-15	NA	NA
18B	CCV	Modified TO-15	NA	NA
19A	LCS	Modified TO-15	NA	NA
19B	LCS	Modified TO-15	NA	NA

CERTIFIED BY:



DATE: 08/24/10

Laboratory Director

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,

Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
EnviroTrac Ltd.
Workorder# 1008162B**

Eight 6 Liter Summa Canister (100% Certified) samples were received on August 06, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	For Full Scan: 30% RSD with 4 compounds allowed out to $< 40\%$ RSD For SIM: Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	For Full Scan: $\leq 30\%$ Difference with four allowed out up to $\leq 40\%$.; flag and narrate outliers For SIM: Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Despite the use of flow controller for sample collection, the final canister vacuum for sample IA-4 was measured at ambient pressure in the field. This ambient pressure reading was confirmed by the laboratory upon sample receipt.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: IA-2

Lab ID#: 1008162B-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.14	0.48	0.98	3.3

Client Sample ID: SS-2

Lab ID#: 1008162B-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.12	0.86	0.63	4.6
Tetrachloroethene	0.59	120	4.0	790

Client Sample ID: SS-1

Lab ID#: 1008162B-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.088	1.3	0.47	7.0
cis-1,2-Dichloroethene	0.44	1.2	1.7	4.8
Tetrachloroethene	0.44	69	3.0	470

Client Sample ID: IA-1

Lab ID#: 1008162B-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.030	0.043	0.16	0.23
Tetrachloroethene	0.15	1.4	1.0	9.4

Client Sample ID: SS-4

Lab ID#: 1008162B-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.62	6.8	3.3	36
Tetrachloroethene	3.1	570	21	3800

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

Client Sample ID: IA-7

Lab ID#: 1008162B-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.14	0.45	0.94	3.1

Client Sample ID: SS-7

Lab ID#: 1008162B-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.078	0.10	0.42	0.55
Tetrachloroethene	0.39	53	2.6	360

Client Sample ID: IA-4

Lab ID#: 1008162B-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.13	0.46	0.91	3.1

Client Sample ID: IA-2

Lab ID#: 1008162B-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081827	Date of Collection: 8/3/10 9:19:00 AM
Dil. Factor:	1.44	Date of Analysis: 8/19/10 06:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.029	Not Detected	0.15	Not Detected
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Tetrachloroethene	0.14	0.48	0.98	3.3

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	90	70-130

Client Sample ID: SS-2

Lab ID#: 1008162B-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081911	Date of Collection: 8/3/10 8:35:00 AM
Dil. Factor:	5.88	Date of Analysis: 8/20/10 02:59 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.12	0.86	0.63	4.6
Vinyl Chloride	0.59	Not Detected	1.5	Not Detected
trans-1,2-Dichloroethene	0.59	Not Detected	2.3	Not Detected
cis-1,2-Dichloroethene	0.59	Not Detected	2.3	Not Detected
Tetrachloroethene	0.59	120	4.0	790

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: SS-1

Lab ID#: 1008162B-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081914	Date of Collection: 8/3/10 9:04:00 AM
Dil. Factor:	4.38	Date of Analysis: 8/20/10 04:51 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.088	1.3	0.47	7.0
Vinyl Chloride	0.44	Not Detected	1.1	Not Detected
trans-1,2-Dichloroethene	0.44	Not Detected	1.7	Not Detected
cis-1,2-Dichloroethene	0.44	1.2	1.7	4.8
Tetrachloroethene	0.44	69	3.0	470

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: IA-1

Lab ID#: 1008162B-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081912	Date of Collection: 8/3/10 9:17:00 AM
Dil. Factor:	1.49	Date of Analysis: 8/20/10 03:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.030	0.043	0.16	0.23
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrachloroethene	0.15	1.4	1.0	9.4

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: SS-4

Lab ID#: 1008162B-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081910	Date of Collection: 8/3/10 9:30:00 AM
Dil. Factor:	31.0	Date of Analysis: 8/20/10 02:26 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.62	6.8	3.3	36
Vinyl Chloride	3.1	Not Detected	7.9	Not Detected
trans-1,2-Dichloroethene	3.1	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	3.1	Not Detected	12	Not Detected
Tetrachloroethene	3.1	570	21	3800

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	93	70-130

Client Sample ID: IA-7

Lab ID#: 1008162B-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081917	Date of Collection: 8/3/10 10:49:00 AM
Dil. Factor:	1.39	Date of Analysis: 8/20/10 06:35 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.028	Not Detected	0.15	Not Detected
Vinyl Chloride	0.14	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Tetrachloroethene	0.14	0.45	0.94	3.1

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: SS-7

Lab ID#: 1008162B-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081915	Date of Collection: 8/3/10 12:50:00 PM
Dil. Factor:	3.88	Date of Analysis: 8/20/10 05:24 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.078	0.10	0.42	0.55
Vinyl Chloride	0.39	Not Detected	0.99	Not Detected
trans-1,2-Dichloroethene	0.39	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected	1.5	Not Detected
Tetrachloroethene	0.39	53	2.6	360

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: IA-4

Lab ID#: 1008162B-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081916	Date of Collection: 8/3/10 9:36:00 AM
Dil. Factor:	1.34	Date of Analysis: 8/20/10 06:02 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.027	Not Detected	0.14	Not Detected
Vinyl Chloride	0.13	Not Detected	0.34	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
cis-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Tetrachloroethene	0.13	0.46	0.91	3.1

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	90	70-130

Client Sample ID: Lab Blank

Lab ID#: 1008162B-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081806c	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/18/10 10:26 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: Lab Blank

Lab ID#: 1008162B-17B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081906	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/19/10 10:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	89	70-130

Client Sample ID: CCV

Lab ID#: 1008162B-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081802	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/18/10 07:55 PM

Compound	%Recovery
Trichloroethene	92
Vinyl Chloride	83
trans-1,2-Dichloroethene	93
cis-1,2-Dichloroethene	91
Tetrachloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	0-140
Toluene-d8	102	0-130
4-Bromofluorobenzene	103	0-130

Client Sample ID: CCV

Lab ID#: 1008162B-18B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081902	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/19/10 07:08 PM

Compound	%Recovery
Trichloroethene	91
Vinyl Chloride	84
trans-1,2-Dichloroethene	92
cis-1,2-Dichloroethene	90
Tetrachloroethene	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 1008162B-19A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081803	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/18/10 08:28 PM

Compound	%Recovery
Trichloroethene	88
Vinyl Chloride	89
trans-1,2-Dichloroethene	92
cis-1,2-Dichloroethene	88
Tetrachloroethene	85

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 1008162B-19B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	c081903	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/19/10 08:17 PM

Compound	%Recovery
Trichloroethene	84
Vinyl Chloride	87
trans-1,2-Dichloroethene	84
cis-1,2-Dichloroethene	80
Tetrachloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 2 of 2

Project Manager TOM BOSSHARD
Collected by: (Print and Sign) Donna Escherich/Henny Darmiento
Company Enviro-trac Ltd Email tom@envirotrac.com
Address 5 Old oak Rd. City yaphank State NY Zip 11980
Phone 631-934-3061 Fax 631-934-5001

Project Info:	
P.O. #	Project #
	<u>01.02.1018.01</u>
Project Name <u>American Drive In Cleaners</u>	
Specify	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum		
						Initial	Final	Receipt Final (psi)
09AB	1A-2	14115	8/3/10	9:19am	TO-15	-30+	-3.5	
10AB	SS-2	1576	8/3/10	8:35am		-30+	-3.5	
11AB	SS-1	34300	8/3/10	9:04am		-30+	-4.5	
12AB	1A-1	35981	8/3/10	9:17am		-30+	-4.5	
13AB	SS-4	33901	8/3/10	9:30am		-30+	-5.0	
14AB	1A-7	33973	8/3/10	10:49am		-30+	-4.5	
15AB	SS-7	4249	8/3/10	12:50pm		-30+	-5.0	
16AB	1A-4	20994	8/3/10	9:36am		-30	0	

Relinquished by: (signature) <u>Donna Escherich</u>	Date/Time <u>Aug 4 2010 / 12:00pm</u>	Received by: (signature) <u>Monica Gregory</u>	Date/Time <u>8/10/10</u>	Notes: <u>*Analyses for: Trichloroethene, Vinyl Chloride, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, and tetrachloroethene.</u>
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name <u>Fed Ex</u>	Air Bill #	Temp (°C) <u>NA</u>	Condition <u>Good</u>	Custody Seals Intact? <u>Yes</u> <u>No</u> <u>None</u>	Work Order # <u>1008162</u>
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