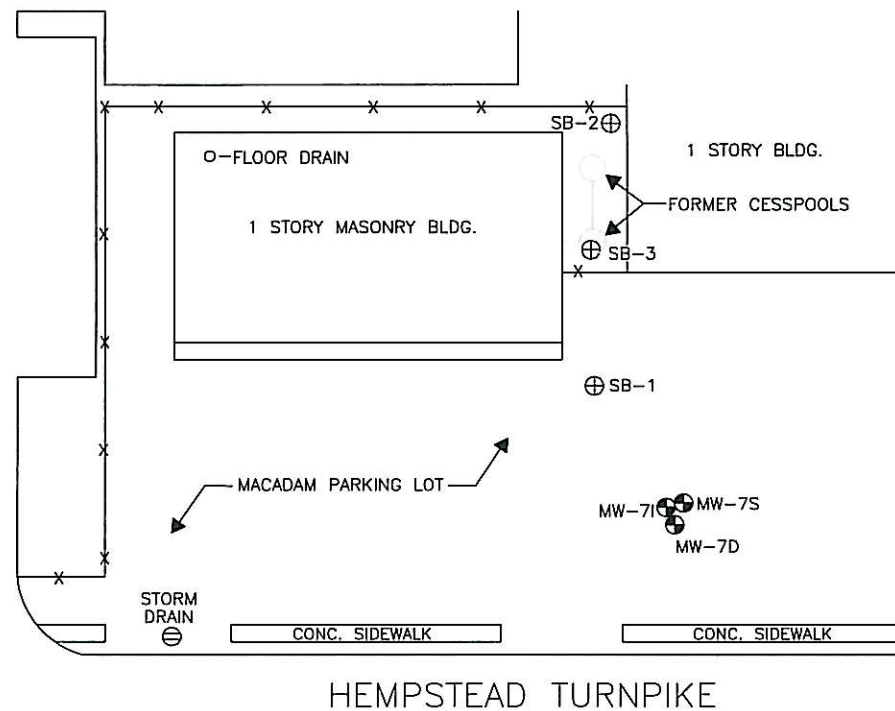


APPENDIX A

PERTINENT SUBSURFACE DATA



LEGEND:

⊕ MW-7S = MONITORING WELL LOCATION

⊕ SB-1 = SOIL BORING LOCATION

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (516) 924-3001 FAX: (516) 924-5001

0 15 FT. 30

REVISION DATE:
JANUARY 9, 2007

SCALE:
1" = 30 FEET

REVISED BY: TB

3801 HEMPSTEAD TURNPIKE
LEVITTOWN, NEW YORK

OU-1 SOIL BORING & SAMPLE LOCATIONS

FIGURE #

4

Table 1
Summary of PID Readings

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

Soil Boring	Date Sampled	Depth (feet)	PID (ppb)
SB -1	10/25/07	0-5	1200
	10/25/07	5-10	59
	10/25/07	10-15	16
	10/25/07	15-20	26
	10/25/07	20-25	0
	10/25/07	25-30	10
	10/25/07	30-35	81
SB -2	10/25/07	0-5	136
	10/25/07	5-10	189
	10/25/07	10-15	218
	10/25/07	15-20	374
	10/25/07	20-25	162
	10/25/07	25-30	147
SB-3	10/25/07	0-5	176
	10/25/07	5-10	222
	10/25/07	10-15	670
	10/25/07	15-20	707
	10/25/07	20-25	818
	10/25/07	25-30	181

* PID measurements were taken with a ppb RAE plus

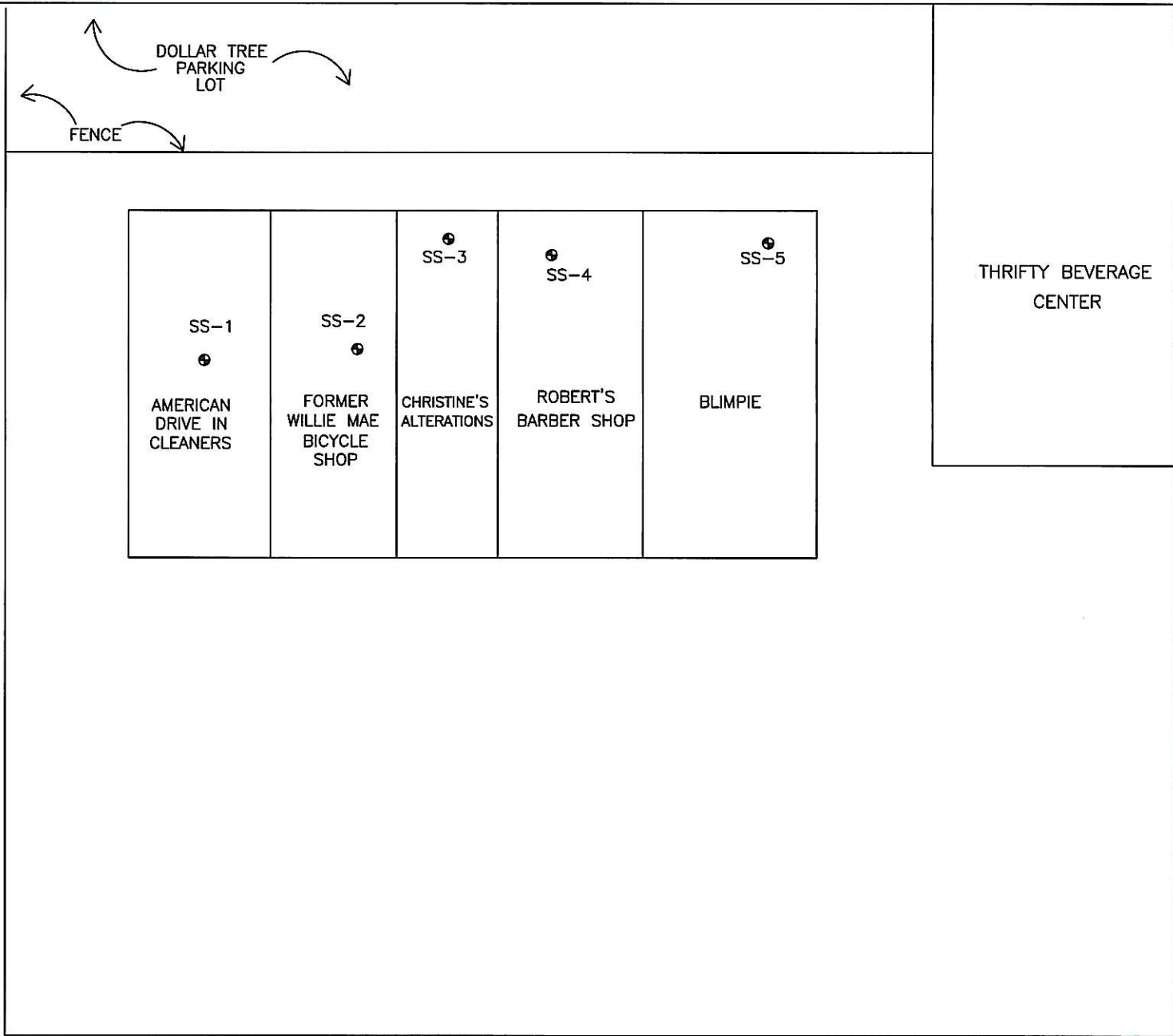
Table 2
Summary of Soil Analytical Results

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

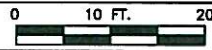
Analytical Parameter	Units	Date Sampled	SB-1	SB-1	SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-2	SB-3	SB-3	SB-3	SB-3	Storm drain	Floor drain	Below floor	*NYSDEC 375-6.8
			(10-15)	(15-20)	(20-25)	(25-30)	(30-35)	(10-15)	(15-20)	(20-25)	(25-30)	(10-15)	(15-20)	(20-25)	(25-30)				SCO
124-Trimethylbenzene	ug/kg	10/25/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	7.6	3,600
Naphthalene	ug/kg	10/25/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	21	12,000
Tetrachloroethene	ug/kg	10/25/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.7	ND	ND	ND	ND	ND	ND	1,300

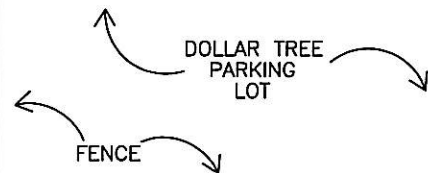
Notes:

1. Concentration Units = ug/kg (micrograms per kilogram)
2. Laboratory analysis via EPA Method 8260 (Full List).
3. ND = Not Detected above the method detection limit of the laboratory
4. * = NYSDEC 375-6.8 Unrestricted Use Soil Cleanup Objective



SIDEWALK (TYPICAL)

LEGEND: ⊕ = SUB-SLAB SAMPLE MONITORING POINT		HEMPSTEAD TURNPIKE		
 5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924-3001 FAX: (631)924-5001		0 10 FT. 20 	AMERICAN DRIVE IN CLEANERS 3801 HEMPSTEAD TURNPIKE LEVITTOWN, NY	SUB-SLAB MONITORING POINT LOCATIONS
REVISION DATE: SEPTEMBER 5, 2008		APPROX. SCALE: 1" = 20 FEET	REVISED BY: JVH	FIGURE # 8



DOLLAR TREE

THRIFTY BEVERAGE
CENTER

1A-1 ⊕	1A-2 ⊕	⊕ 1A-3	⊕ 1A-4	1A-5⊕
AMERICAN DRIVE IN CLEANERS	FORMER WILLIE MAE BICYCLE SHOP	CHRISTINE'S ALTERATIONS	ROBERT'S BARBER SHOP	BLIMPIE

north

SIDEWALK (TYPICAL)

LEGEND:

⊕ = INDOOR AIR SAMPLE MONITORING POINT

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: JVH

HEMPSTEAD TURNPIKE

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

INDOOR AIR
MONITORING LOCATIONS

FIGURE #
9

Table 5
Vapor Monitoring Results

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

Analytical Parameter	Date	SS-1	SS-2	SS-3	SS-4	SS-5	SS-5 Dup*	NYSDOH Air Quality Guidelines
Tetrachloroethene	5/8/2008	220	370	760	3,400	590	600	-
Trichloroethene	5/8/2008	5.3	4.4	6.1	24	11	12	-
cis-1,2-Dichloroethene	5/8/2008	3.7	ND	ND	ND	8.5	8.6	-

Notes:

1. Concentration units = ug/m³ (micrograms per cubic meter of air)
2. Laboratory analysis via EPA Method TO-15
3. ND = Not Detected above the method detection limit of the laboratory
4. - = New York State Department of Health (NYSDOH) Air Quality Guidelines not established
5. * = Duplicate Analysis Performed

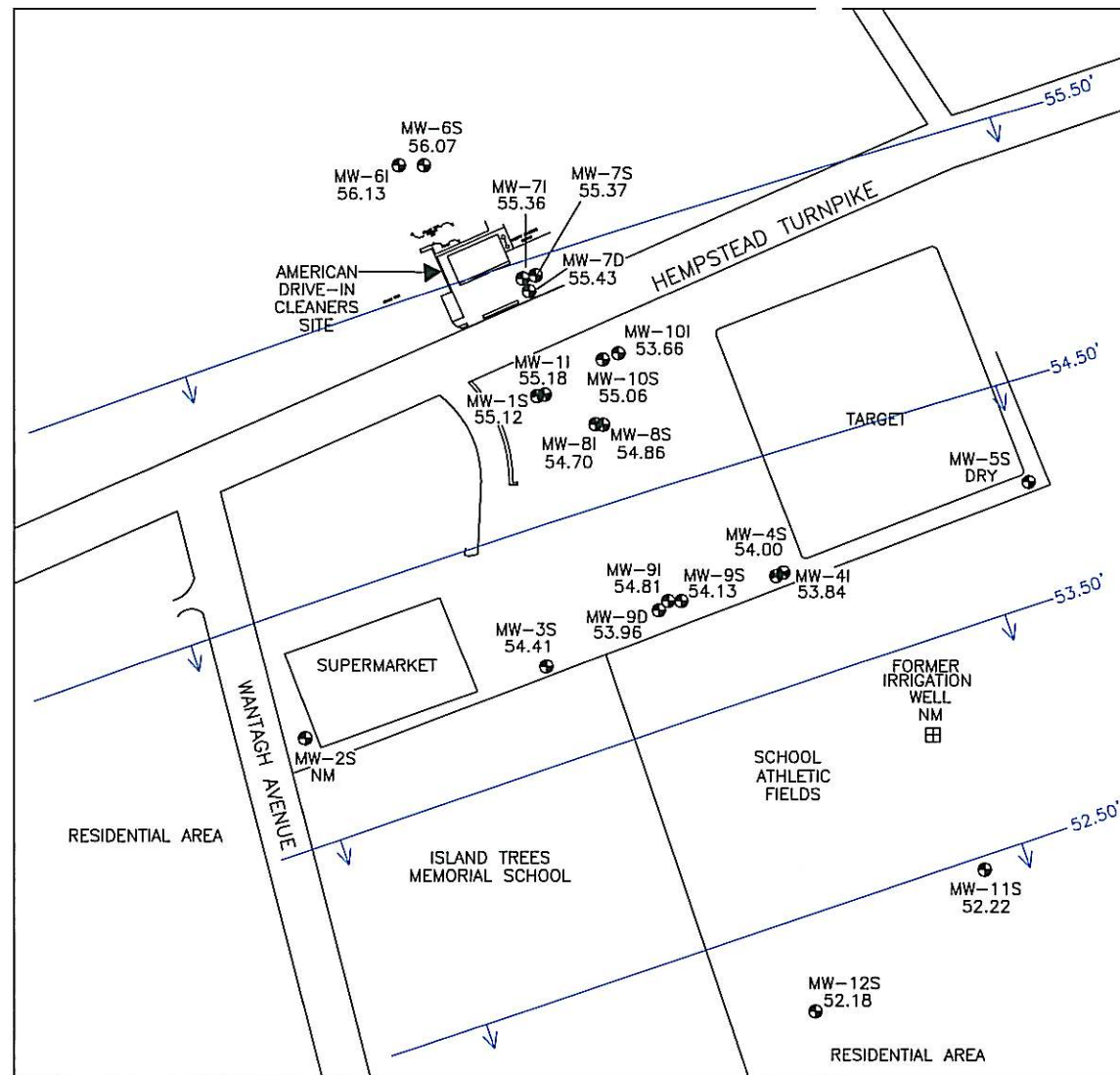
Analytical Parameter	Date	IA-1	IA-2	IA-3	IA-4	IA-5
Tetrachloroethene	5/8/2008	22	18	12	3.0	0.42
Trichloroethene	5/8/2008	0.60	0.65	0.70	0.21	ND

NYSDOH Indoor Air Guidelines
100
5

Notes:

1. Concentration units = ug/m³ (micrograms per cubic meter of air)
2. Laboratory analysis via EPA Method TO-15
3. ND = Not Detected above the method detection limit of the laboratory
4. NYSDOH = New York State Department of Health





LEGEND:

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

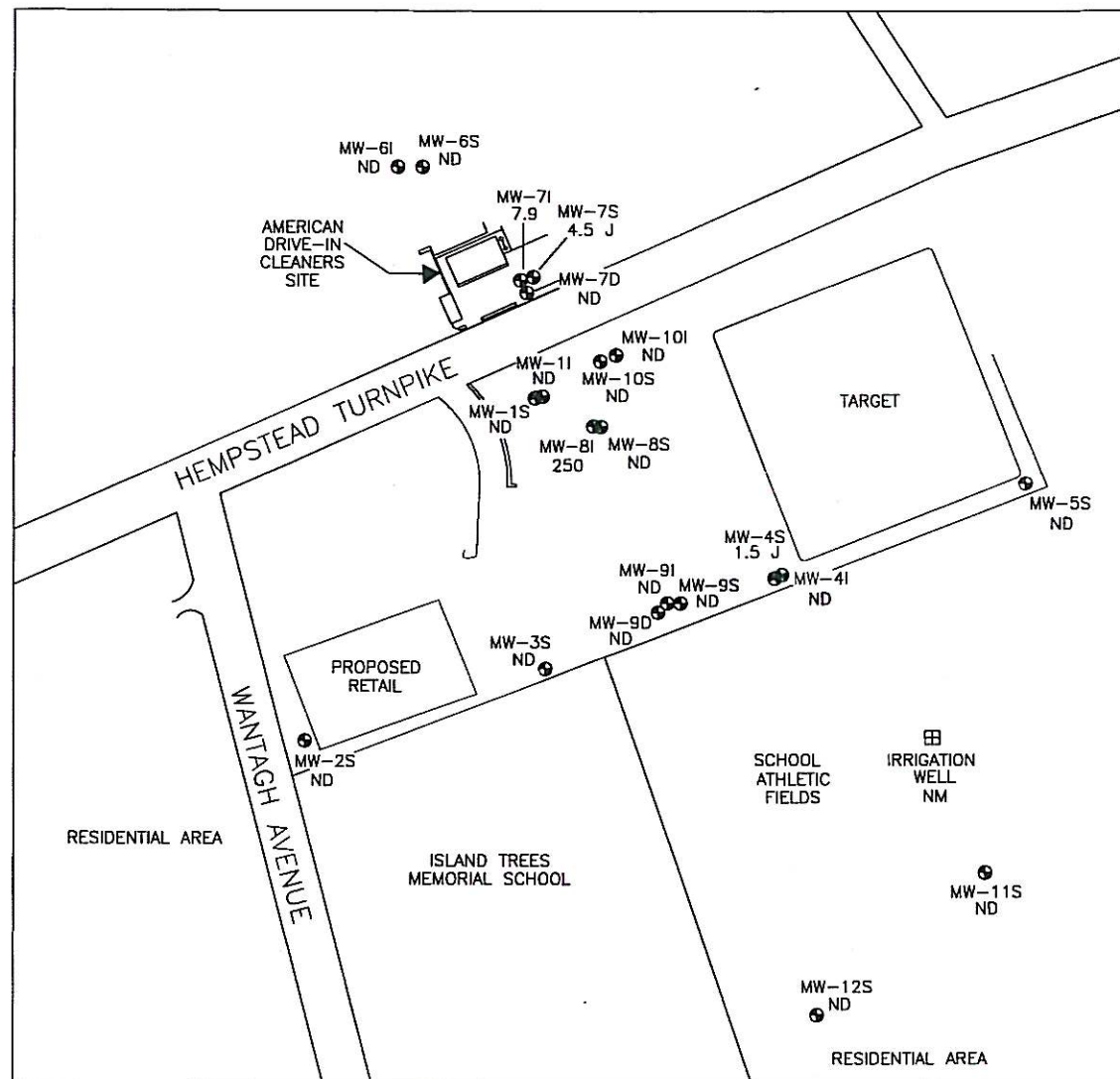
⊞ ITHS IRRIGATION WELL

CONTOUR CONSTRUCTION = 1.00 FEET

NM = NOT MEASURED

SAMPLE WELL:

⊕ MW-10I = WELL IDENTIFICATION
53.66 = WATER TABLE ELEVATION



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

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

REVISION DATE:
OCTOBER 29, 2010

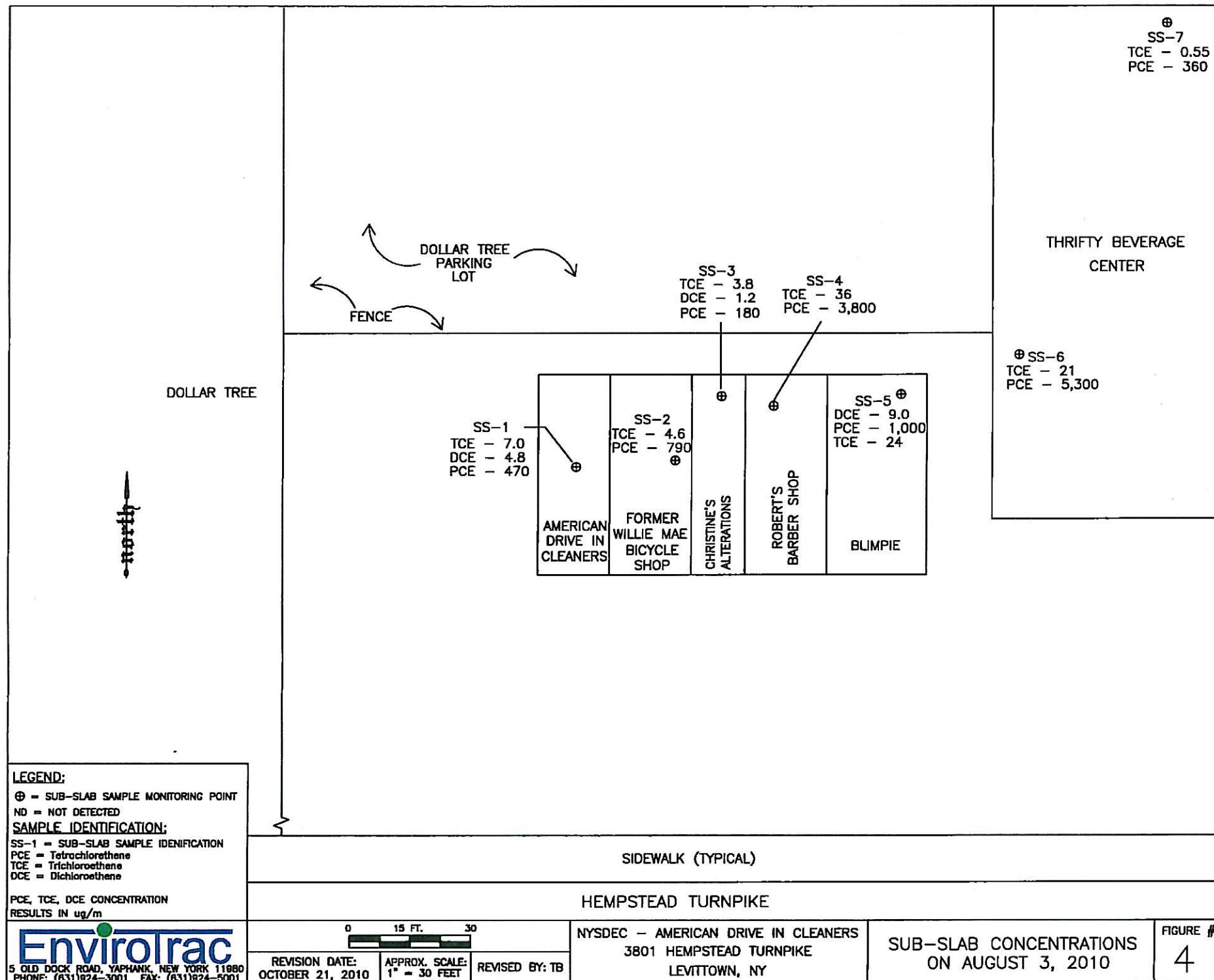
SCALE:
1" = 200 FEET

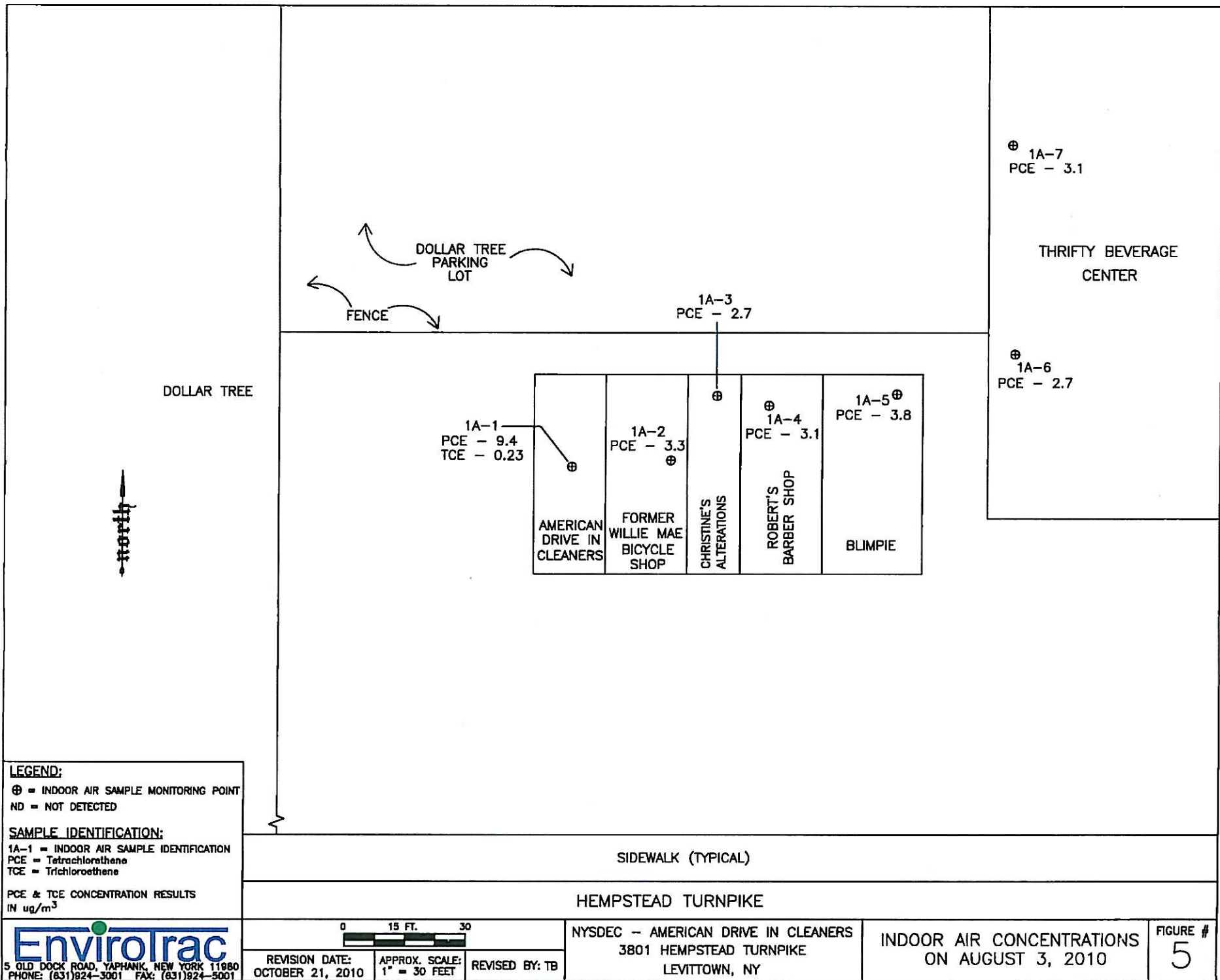
REVISED BY: TB

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

SUMMARY OF PCE CONCENTRATIONS IN GROUNDWATER
JULY 14-16, 2010

FIGURE #
3





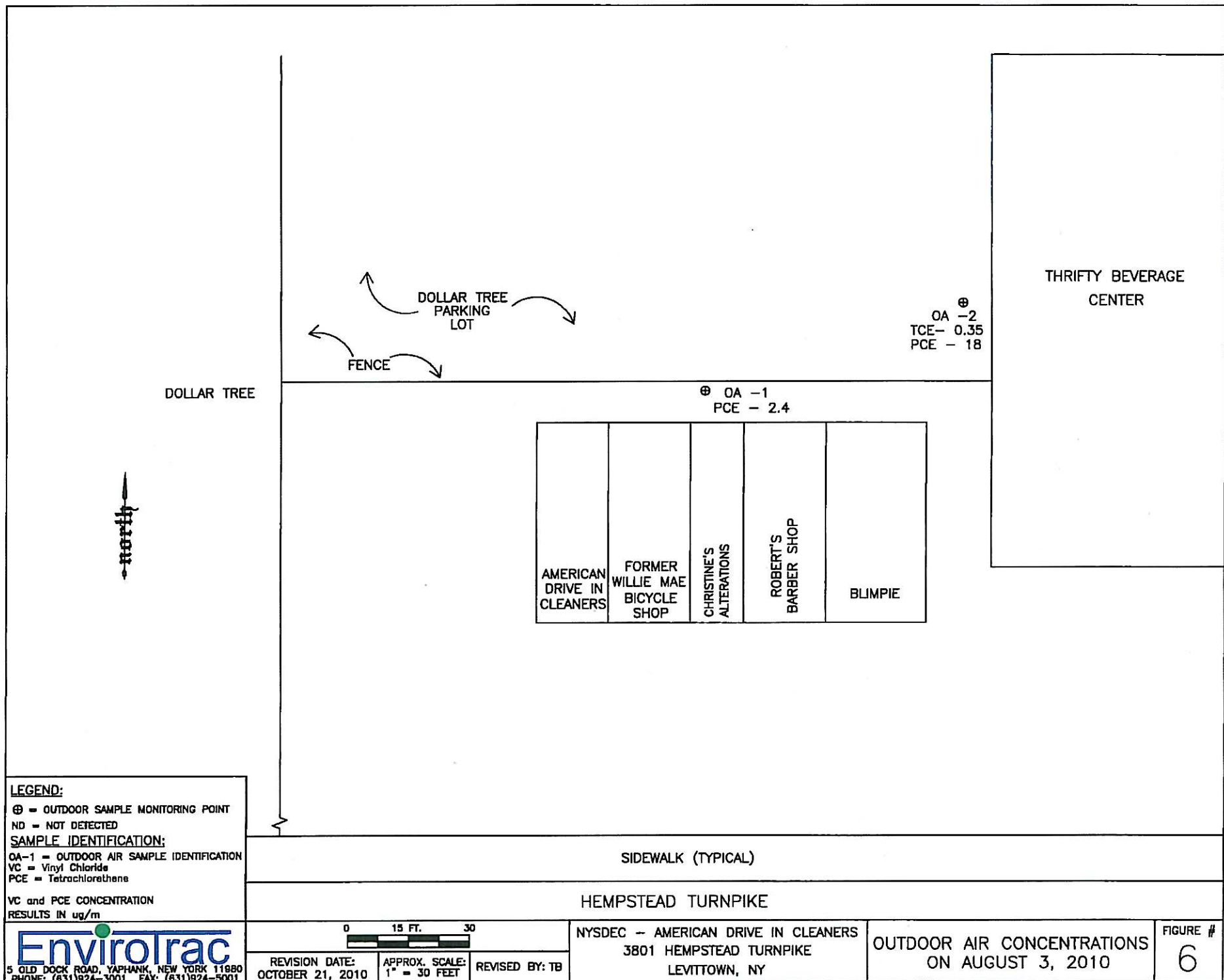


Table 2

Groundwater Analytical Results

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

Analytical Parameter	Units	Date Sampled	MW-11	MW-15	MW-25	MW-35	MW-41	MW-45	MW-55	MW-61	MW-65	MW-70	MW-71	MW-75	MW-81	MW-85	MW-90	MW-91	MW-95	MW-101	MW-105	MW-115	MW-125	IV	DUP	TOGS Groundwater Standards	
Tetrachloroethene	ug/L	1090	NA	274	NA	NA	NA	54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		12/29/96	NA	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		2/25/97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		3/15/98	ND	190	ND	ND	NA	40	ND	ND	34	NA	120	8,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		4/22/99	ND	290	ND	ND	NA	130	ND	ND	8	NA	130	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		2/3/99	2	300	ND	ND	NA	580	ND	ND	2	2	1,400	16,000	180	1,500	ND	ND	150	NA	NA	NA	NA	NA	NA		
		7/20/97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
		12/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
		9/14/04	ND	ND	NA	NA	0.62 J	1.0 J	NA	NS	NS	0.51 J	1,800.0	0.77 J	NS	NS	ND	2.6 J	1.9 J	13	ND	NA	NA	3.6 J			
		8/9/05	ND	ND	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	0.82 J	NS	NS	NS	NS	NS	NS			
		9/7/05	NS	NS	NA	NA	ND	8.3	NA	ND	NS	0.50 J	ND	1.2	ND	NS	NS	NS	1.3	2	ND	NA	NA	NS			
		10/7/07	ND	ND	NA	NA	NS	NS	NS	NS	NS	ND	ND	23,230	NS	NS	ND	ND	NS	NS	NS	NS	NS	NS			
		1/7/08	ND	ND	NA	NA	ND	ND	ND	ND	ND	120	ND	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS			
		4/30/06	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	34	ND	200	ND	ND	ND	ND	ND	ND	ND	ND	NS			
		7/25-29/08	ND	ND	NA	NA	ND	ND	ND	ND	ND	130	ND	119	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS			
		10/7/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	NS	NS	NS	NS	NS	NS			
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.65	88	ND	240	ND	ND	ND	NS	NS	NS	NS	NS			
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.8	39	1.8	36	0.3	1.5	NS	NS	NS	NS	NS	NS			
		10/9/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	170	1.9	160	2.8	NS	NS	NS	NS	NS	NS	NS			
		12/7/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	34	3.8	110	ND	ND	NS	NS	NS	NS	NS	NS			
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	2.4	4.3	2.2	ND	ND	ND	NS	NS	NS	NS	NS			
7/14-16/10	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	7.3	4.5 J	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	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		
		1/25/06	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS			
		4/30/06	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS			
		7/25-29/08	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS			
		10/27/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	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			
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	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	ND	ND	ND	ND	0.89	NS	NS	NS	NS	NS			
		10/9/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS			
		12/7/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	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			
		Xylenes (total)	ug/L	9/14/04	ND	ND	NA	NA	ND	0.50 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
				1/25/06	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		
				4/30/06	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		
				7/25-29/08	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS		
10/27/06	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	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				
4/29/09	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	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	ND	ND	ND	ND	NS	NS	NS	NS	NS				
10/9/09	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS				
12/7/10	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	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	NS	NS	NS	NS	NS						
Acetone	ug/L	7/14-16/10	ND	ND	ND	NA	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		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			
		1/25/06	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		4/30/06	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		7/25-29/08	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		10/27/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	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				
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	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	ND	ND	ND	ND	NS	NS	NS	NS	NS				
		10/9/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS				
1,1-Dichloroethane	ug/L	7/14-16/10	2.7 J	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	82	ND	4.2 J	4.0 J	2.3 J	ND	1.8 J	ND	1.9 J	NS				
		2/4/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	27	NA	NA	4	NA	NA	NA	NA	NA				
		1/23/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	NA				
		9/14/04	ND	ND	NA	NA	NA	NS	NS	NS	NS	0.51 J	NS	ND	NA	NA	NA	1	ND	ND	ND	NA	ND	ND			
		8/9/05	ND	ND	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.53 J	ND	ND	NS	NS	NS	NS	NS				
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
		1/25/06	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		4/30/06	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		7/25-29/08	ND	ND	NA	NA	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS				
		10/27/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	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-1	MW-1S	MW-2S	MW-3S	MW-4	MW-4S	MW-5S	MW-6	MW-6S	MW-7D	MW-7I	MW-7S	MW-8	MW-8S	MW-9D	MW-9I	MW-9S	MW-10I	MW-10S	MW-11S	MW-12S	IV	DUP	TOGS Groundwater Standard	
Chloroform	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	ND	ND	0.54 J	NS	ND	ND	0.57 J	ND	ND	0.79 J	ND	NA	ND	ND		
		9/6/05	NS	0.82 J	NA	NA	NS	NS	NA	NS	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	ND	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	NS	NS	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	NS	NS	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		4/9/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		3/18/08	ND	4	ND	ND	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		4/22/09	ND	6	ND	ND	NA	NA	NA	1	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2/29/09	ND	9	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
7/23/09	NA	NA	NA	NA	NA	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
1/20/00	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	NS	ND	ND	0.57 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
9/6/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	NS	ND	ND	ND	NS	NS	NS	NS	NS	NS	ND	1.5	ND	NA	NS	ND		
1/25/08	ND	ND	NA	ND	ND	ND	ND	ND	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	NS	NS	NS	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	NS	NS	NS	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
4/9/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	ND	NS	NS			
9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	NS	0.59 J	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NA	ND	ND			
1/25/08	ND	ND	NA	ND	ND	ND	ND	ND	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	NS	NS	NS	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	NS	NS	NS	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
4/9/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	ND	NS	NS			
Methylene Chloride	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	0.59 J	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NA	ND	ND		
		1/25/08	ND	ND	NA	ND	ND	ND	ND	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	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	NS	NS	NS	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		4/9/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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		
		9/14/04	ND	ND	0.90 J	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NS	NS		
		9/6/05	NS	NS	NA	NA	NA	ND	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	0.65 J	NA	NS	ND	
		1/25/08	ND	ND	NA	ND	ND	ND	ND	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	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS		
7/28-29/08	ND	ND	NA	ND	ND	ND	NS	NS	NS	NS	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
4/9/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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				
Dibromochloromethane	ug/L	9/6/05	NS	NS	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NS	NS			
		1/25/08	ND	ND	NA	ND	ND	ND	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	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS			
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	NS	NS	NS	ND	ND	ND	ND</											

Table 2

Groundwater Analytical Results

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

[illegible]

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. + = TGS Groundwater Standard not established
6. Shaded values indicate concentrations at or above the TGS Groundwater Standards
7. NS = Not sampled
8. NA = Not available
9. J = Laboratory Estimate
10. TGSs = NYS Division of Water Technical and Operational Guidance Series 1.1.1
11. B = The analyte was found in an associated blank, as well as in the sample

Table 3

Soil Vapor Extraction System Operation and Maintenance Data

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

Date:	6/30/2010	7/13/2010	7/27/2010	8/11/2010	8/25/2010	9/8/2010	9/22/2010
Technician:	GZ	GZ/DE	SS	GZ	GZ	BG	MA
SVE System							
Vacuum (in H2O)							
Total Combined	NA	NA	NS	4.8	4.5	N/A	4.7
ADC 9 & 11	NA	NA	NS	4.7	4.3	4.9	0.5
SVE-1	NA	NA	NS	3.5	3.1	3.3	3.3
SVE-2	NA	NA	NS	3.8	3.2	3.8	3
SVE-3	NA	NA	NS	2.6	2.5	2.7	2.9
SVE-4	NA	NA	NS	2.4	2.1	2.2	2
SVE-5	NA	NA	NS	1.1	0.9	1.2	0.3
SVE-6	NA	NA	NS	1.4	1.1	1.5	2
SVE-7	NA	NA	NS	3.7	3.1	4.8	2.5
SVE Blower Before Filter	16	17	NS	16	16	17	18
SVE Blower After Filter	30	32	NS	30	30	30	30
Flow (CFM)							
Total Combined	NA	NA	NS	302	301	302	365.8
ADC 9 & 11	NA	NA	NS	33.1	32.4	33.3	2.9
SVE-1	NA	NA	NS	76.3	71.5	76	86.1
SVE-2	NA	NA	NS	62.5	60.8	62.4	63.1
SVE-3	NA	NA	NS	58.7	58.8	58.9	64.2
SVE-4	NA	NA	NS	51.2	49.3	49.9	51.3
SVE-5	NA	NA	NS	26.2	24.2	26.2	9.2
SVE-6	NA	NA	NS	39.1	40.3	39.3	64.2
SVE-7	NA	NA	NS	51.3	50.7	40.5	48.9
Temperature (F)							
At Effluent Discharge	90	94	NS	98	92	100	100
PID Reading (PPM)							
Influent	N/A	N/A	NS	N/A	N/A	N/A	N/A
Effluent	0	4.3	NS	0	0	0	0
Hour Meter Reading	48,839.70	48,965.10	NS	49,139.90	49,251.50	49,389.60	49,529.40
Comments	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.	NA	NA

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	ND	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	4.8	ND	1.2	ND	9.0	ND	ND
Trichloroethene	8/3/10	7.0	4.6	3.8	36	24	21	0.55
Tetrachloroethene	8/3/10	470	790	180	3,800	1,000	5,300	360

Notes:

1. Concentration Units = $\mu\text{g}/\text{m}^3$.
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	ND	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	0.23	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	ND
trans-1,2-Dichloroethene	8/3/10	ND	ND
cis-1,2-Dichloroethene	8/3/10	ND	ND
Trichloroethene	8/3/10	ND	0.35
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**

