



SP-1, 8-10 ft.	
VOCs by EPA 8260B	µg/Kg
Acetone	17 J
Carbon Disulfide	1.3 J

SP-2, 8-10 ft.	
VOCs by EPA 8260B	µg/Kg

WILLOW STREET

SP-3, 10-12 ft.	
VOCs by EPA 8260B	µg/Kg
cis-1,2-Dichloroethene	50
Tetrachloroethene	8.8
Trichloroethene	2.4 J


SP-6, 10-12 ft.	
VOCs by EPA 8260B	µg/Kg
cis-1,2-Dichloroethene	150
Tetrachloroethene	18
trans-1,2-Dichloroethene	1.6 J
Trichloroethene	4.3 J
Vinyl chloride	2.9 J

PETER'S DRY CLEANING

SP-4, 10-11.5 ft.	
VOCs by EPA 8260B	µg/Kg
Ethylbenzene	1100
Isopropylbenzene	1200
Methylcyclohexane	9800
Methylene Chloride	350
m-Xylene & p-Xylene	4500
o-Xylene	180
Tetrachloroethene	680
Toluene	38 J
Xylenes, total	4700

SP-5, 10-12 ft.	
VOCs by EPA 8260B	µg/Kg
cis-1,2-Dichloroethene	4.1 J
Tetrachloroethene	2.4 J

LEGEND:

 APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE WITH MICROWELL INSTALLED BY TREC ENVIRONMENTAL SERVICES, INC. ON MARCH 5, 2009

NOTES:


1. BASE MAP ADAPTED FROM AN AERIAL PHOTOGRAPH DOWNLOADED FROM local.live.com AND FIELD OBSERVATIONS.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.



NO.	ISSUE/DESCRIPTION	BY	DATE

PETERS DRY CLEANING
SITE INVESTIGATION WORK PLAN
316 WILLOW STREET
LOCKPORT, NEW YORK

OFF-SITE SOIL SAMPLE ANALYTICAL RESULTS

PREPARED BY:  GZA GeoEnvironmental of N.Y. Engineers and Scientists <small>500 WASHINGTON STREET 11th FLOOR SHELTON, NEW YORK 14203 (716) 685-2300</small>	PREPARED FOR: PETERS DRY CLEANING LOCKPORT, NEW YORK
PROJ MGR: RWR DESIGNED BY: DEW DATE: JUNE 2009	REVIEWED BY: DRAWN BY: DEW PROJECT NO.: 21.0056017.10
CHECKED BY: SCALE: REVISION NO.	FIGURE 1 SHEET NO. 1 of 3

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEORENTOENMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

© 2009 - GZA GeoEnvironmental of N.Y. GZA-1\PROJECTS\30000\30017-1_PETERS_DRY_CLEANING\Off-Site_Cegetroene_and_Sol_Vapor\Sample_Results\Figures 1-3.dwg [Figure 1] June 09, 2009 - 10:38am dmk:skf

Compounds	310 Willow ID-3	310 Willow SS-3
Volatile Organic Compounds via USEPA Method TO-15 (ug/m³)		
1,2,4-Trimethylbenzene	1.4	5.6
1,3,5-Trimethylbenzene	0.65 J	1.4
1,4-Dichlorobenzene	0.73 J	1.4
4-ethyltoluene		1.6
Acetone	21	26
Benzene	0.62	0.97
Carbon tetrachloride	0.51	0.58 J
Chloroform		0.79
Chloromethane	1.2	0.92
Ethyl acetate	6.7	6
Ethylbenzene		2.5
Freon 11	1.8	1.9
Freon 12	3.9	4.1
Heptane	0.75	1.6
Hexane	1.6	5.3
Isopropyl alcohol	30	23
m&p-Xylene	1.1 J	9.3
Methyl Butyl Ketone		0.92 J
Methyl Ethyl Ketone	1.6	2.7
Methylene chloride	93	63
o-Xylene	0.57 J	4.4
Styrene	0.52 J	1.5
Tetrachloroethylene	16	2800
Toluene	6	10
Trichloroethene	0.55	1.5
Vinyl chloride	0.26	0.21 J

Compounds	316 Willow ID-1	316 Willow SS-1
Volatile Organic Compounds via USEPA Method TO-15 (ug/m³)		
1,2,4-Trimethylbenzene	11	4.2
1,3,5-Trimethylbenzene	3.1	1.1
1,4-Dichlorobenzene	0.79 J	0.98
2,2,4-trimethylpentane		1.5
4-ethyltoluene	2.4	1.4
Acetone	18	40
Benzene	0.91	8.8
Carbon disulfide		16
Carbon tetrachloride	0.58	
Chloroform	11	2.4
Chloromethane	1.4	
Cyclohexane		47
Ethylbenzene	0.66	3.7
Freon 11	1.7	1.3
Freon 12	3.2	2.9
Heptane		68
Hexane		130
Isopropyl alcohol	9.2	
m&p-Xylene	2.7	9.3 J
Methyl Ethyl Ketone	2	5.4
Methylene chloride	0.46 J	0.95
o-Xylene	1.5	5
Styrene	0.43 J	
Tetrachloroethylene	11	6500
Toluene	2.2	18
Trichloroethene	320	3.1

Compounds	310 Willow Outdoor
Volatile Organic Compounds via USEPA Method TO-15 (ug/m³)	
1,2,4-Trimethylbenzene	2.7
1,3,5-Trimethylbenzene	0.8
1,4-Dichlorobenzene	0.79 J
4-ethyltoluene	1
Acetone	16
Benzene	0.97
Carbon disulfide	0.38 J
Carbon tetrachloride	0.51
Chloromethane	0.86
Ethylbenzene	2.2
Freon 11	1.5
Freon 12	2.8
Hexane	3.8
m&p-Xylene	7.8
Methyl Ethyl Ketone	3.3
Methylene chloride	0.74
o-Xylene	3
Styrene	0.95
Tetrachloroethylene	3300
Toluene	8
Trichloroethene	0.87

Compounds	316 Willow ID-2	316 Willow SS-2
Volatile Organic Compounds via USEPA Method TO-15 (ug/m³)		
1,1,1-Trichloroethane		0.61 J
1,2,4-Trimethylbenzene	6.5 J	6
1,3,5-Trimethylbenzene	4.2	1.7
1,4-Dichlorobenzene	0.67 J	1.5
2,2,4-trimethylpentane		4.3
4-ethyltoluene	2.9	2.1
Acetone	19	210
Benzene	0.84	19
Carbon disulfide		21
Carbon tetrachloride	0.58	1.5
Chloroethane		4.9
Chloroform	6.6	340
Chloromethane	1.1	1.9
cis-1,2-Dichloroethene	0.56 J	71
Cyclohexane		150
Ethylbenzene	0.62 J	5.7
Freon 11	1.9	4.3
Freon 12	3.3	3.1
Heptane		260
Hexane		220
Isopropyl alcohol	10	
m&p-Xylene	3.1	12 J
Methyl Ethyl Ketone	2	9
Methylene chloride	0.39 J	11
o-Xylene	2.3	7.2
Styrene		2
Tetrachloroethylene	14	15000
Toluene	1.6	27
Trichloroethene	230	72
Vinyl chloride		2.3

WILLOW STREET

PREVAILING WIND DIRECTION AT THE START OF SAMPLING

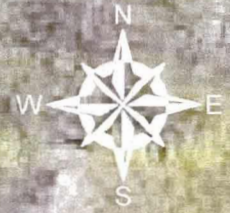
310 Willow ID-3, SS-3

316 Willow ID-1, SS-1

310 Willow OUTDOOR

316 Willow ID-2, SS-2

PETER'S DRY CLEANING



LEGEND:

310 Willow ID-3, SS-3 APPROXIMATE LOCATION AND DESIGNATION AIR SAMPLES
 ID-3 : INDOOR AIR
 SS-3 : SUB-SLAB AIR

NOTES:

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NO.	ISSUE/DESCRIPTION	BY	DATE

**PETERS DRY CLEANING
 SITE INVESTIGATION WORK PLAN
 316 WILLOW STREET
 LOCKPORT, NEW YORK**

SOIL VAPOR AND OUTDOOR AIR SAMPLING RESULTS

PREPARED BY: GZA GeoEnvironmental of N.Y. Engineers and Scientists 535 WASHINGTON STREET 11th FL-0506 BUFFALO, NEW YORK 14203 1716 985-2300	PREPARED FOR: PETERS DRY CLEANING LOCKPORT, NEW YORK
PROJ MGR: RWR DESIGNED BY: DEW DATE: JUNE 2009	REVIEWED BY: DEW DRAWN BY: DEW PROJECT NO. 21.0056017.10
CHECKED BY:	REVISION NO.
SCALE:	FIGURE 3
SHEET NO. 3 of 3	

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SP-1, Water	
VOCs by EPA 8260B	µg/L
Benzene	0.25
Trichloroethene	0.41

SP-2, Water	
VOCs by EPA 8260B	µg/L
Carbon disulfide	3.0

SP-3, Water	
VOCs by EPA 8260B	µg/L
cis-1,2-Dichloroethene	4200
Tetrachloroethene	460
trans-1,2-Dichloroethene	52
Trichloroethene	170
Vinyl chloride	91


SP-6, Water	
VOCs by EPA 8260B	µg/L
cis-1,2-Dichloroethene	2100
Tetrachloroethene	110
trans-1,2-Dichloroethene	26
Trichloroethene	35
Vinyl chloride	100

SP-5, Water	
VOCs by EPA 8260B	µg/L
cis-1,2-Dichloroethene	230
Tetrachloroethene	48
trans-1,2-Dichloroethene	1.8
Trichloroethene	19
Vinyl chloride	1.8

SP-4, Water	
VOCs by EPA 8260B	µg/L
Benzene	68
cis-1,2-Dichloroethene	25
Ethylbenzene	230
Isopropylbenzene	150
Methylcyclohexane	1500
m-Xylene & p-Xylene	780
o-Xylene	44
Tetrachloroethene	92
Toluene	72



LEGEND:

 APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE WITH MICROWELL INSTALLED BY TREC ENVIRONMENTAL SERVICES, INC. ON MARCH 5, 2009

NOTES:


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NO.	ISSUE/DESCRIPTION	BY	DATE

**PETERS DRY CLEANING
SITE INVESTIGATION WORK PLAN
316 WILLOW STREET
LOCKPORT, NEW YORK**

OFF-SITE GROUNDWATER SAMPLE ANALYTICAL RESULTS

PREPARED BY:  GZA GeoEnvironmental of N.Y. Engineers and Scientists 535 WASHINGTON STREET 11th FLOOR BUFFALO, NEW YORK 14203 (716) 685-2300		PREPARED FOR: PETERS DRY CLEANING LOCKPORT, NEW YORK	
PROJ MGR: RWR DESIGNED BY: DATE: JUNE 2009	REVIEWED BY: DRAWN BY: DEW PROJECT NO.: 21.0056017.10	CHECKED BY: SCALE: REVISION NO.	FIGURE 2 SHEET NO. 2 of 3

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