

TABLE 1
Analytical Data Summary

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Laboratory Sample Description Sample Depth (Feet)	Sample Date	Volatile Organic Compounds (VOCs) EPA Method 8260	Semi Volatile Organic Compounds (SVOCs) EPA Method 8270	Total Analyte List (TAL) Metals EPA Method 6010	Total Petroleum Hydrocarbons EPA Method 418.1 or 8015 DRO/GRO	Total Organic Carbon (TOC) EPA Method 415.1 or 9060	Polychlorinated biphenyls (PCBs) EPA Method 8082	Pesticides EPA Method 8081	Bulk Density	Porosity	Grain Size	VOCs Chlorinated Hydrocarbons CLC4, CO ₂ , C5+ (incl. BTEX)	Toxicity Characteristic Leaching (TCLP) Metals EPA Methods SW-846 and 1311	VOCs + Naphthalene EPA Method TO15	Total Dissolved Solids (TDS)	EPA Method 160.1	5 Day Biological and Chemical Oxygen Demand 5-BOD/COD EPA Method 405.1 and 410.1M	Basic Groundwater Parameters ¹	General Chemistry ²	Water Density	Dissolved VOC EPA Method 8260	Dissolved SVOC EPA Method 8270	
SS-1 (0-2)	7/30/2008	x	x	x	x	x	x	x															
SS-2 (0-2)	7/30/2008	x	x	x	x	x	x	x															
SS-3 (0-2)	7/30/2008	x	x	x	x	x	x	x															
SS-1 (2-4)	7/30/2008	x	x	x	x	x	x	x															
SS-2 (2-4)	7/30/2008	x	x	x	x	x	x	x															
SS-3 (2-4)	7/30/2008	x	x	x	x	x	x	x															
SS-1 (8-10)	7/30/2008	x	x	x	x	x	x	x															
SS-2 (8-10)	7/30/2008	x	x	x	x	x	x	x															
SS-3 (8-10)	7/30/2008	x	x	x	x	x	x	x															
C02S (2-4)	9/8/2008														x								
A01S (2-4)	9/8/2008														x								
D03S (2-4)	9/8/2008														x								
F06S (2-4)	9/8/2008														x								
G04S (2-4)	9/8/2008														x								
H06S (2-4)	9/8/2008														x								
I01S (2-4)	9/9/2008														x								
H02S/DUP (2-4)	9/8/2008														x								
F04S (2-4)	9/8/2008														x								
F04S (2-4)	9/8/2008														x								
C09S (2-4)	9/12/2008														x								
J03S (2-4)	9/17/2008														x								
A01 (3.0)/BLK	9/9/2008											x											
A02 (4.0)	9/9/2008											x											
A03 (3.5)	9/9/2008											x											
A04 (2.6)	9/9/2008											x											
A05 (4.15)	9/9/2008											x											
A06 (3.6)/BLK	9/9/2008											x											
A07 (3.4)	9/17/2008											x											
A08 (4.0)	9/17/2008											x											
A09 (4.0)	9/17/2008											x											
A10 (3.0)	9/17/2008											x											
B01 (4.2)	9/17/2008											x											
B02 (3.3)	9/17/2008											x											
B03 (4.1)/BLK	9/17/2008											x											
B04 (4.0)	9/17/2008											x											
B05 (3.9)	9/12/2008											x											
B06 (3.95)	9/12/2008											x											
B07 (3.5)	9/12/2008											x											
B08 (3.25)/BLK	9/12/2008											x											
B09 (4.0)	9/12/2008											x											
B10 (3.0)	9/12/2008											x											
C01 (3.65)	9/12/2008											x											
C02 (3.8)	9/12/2008											x											
C03 (4.3)	9/9/2008											x											
C04 (4.0)	9/9/2008											x											
C05 (4.0)	9/9/2008											x											
C06 (4.05)	9/9/2008											x											
C07 (2.7)	9/9/2008											x											
C08 (3.0)/BLK	9/9/2008											x											
C09 (3.15)/BLK	9/9/2008											x											
D01 (3.9)	9/9/2008											x											

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D02 (3.0)	9/9/2008											x									
D03 (2.35)/BLK	9/12/2008											x									
D04 (4.2)	9/12/2008											x									
D05 (4.0)	9/12/2008											x									
D06 (2.5)	9/12/2008											x									
D07 (2.4)	9/12/2008											x									
D08 (3.45)	9/8/2008											x									
E01 (4.2)	9/8/2008											x									
E02 (3.6)	9/8/2008											x									
E03 (3.6)/BLK	9/8/2008											x									
E04 (3.9)	9/8/2008											x									
E05 (4.1)	9/8/2008											x									
E06 (1.7)	9/8/2008											x									
E08 (3.1)	9/8/2008											x									
F01 (3.9)	9/8/2008											x									
F02 (4.0)	9/8/2008											x									
F03 (3.9)	9/8/2008											x									
F04 (4.0)	9/12/2008											x									
F05 (2.75)/BLK	9/12/2008											x									
F06 (4.2)	9/12/2008											x									
F07 (3.5)	9/12/2008											x									
F08 (3.95)	9/12/2008											x									
G01 (3.71)	9/12/2008											x									
G02 (4.2)/BLK	9/12/2008											x									
G03 (4.0)	9/12/2008											x									
G04 (3.8)/BLK	9/12/2008											x									
G05 (4.2)	9/12/2008											x									
G06 (2.95)	9/12/2008											x									
G07 (4.0)	9/12/2008											x									
H01 (3.9)	9/12/2008											x									
H02 (3.45)	9/12/2008											x									
H03 (4.0)/BLK	9/12/2008											x									
H04 (3.5)	9/12/2008											x									
H05 (3.6)/BLK	9/12/2008											x									
H06 (3.0)	9/9/2009											x									
H07 (4.3)	9/9/2009											x									
I01 (3.6)	9/9/2009											x									
I02 (3.6)/BLK	9/9/2009											x									
I03 (3.0)	9/9/2009											x									
I04 (3.0)	9/9/2009											x									
I05 (3.7)/BLK	9/9/2009											x									
I06 (4.1)	9/9/2009											x									
J01 (3.3)	9/9/2009											x									
J02 (3.95)	9/9/2009											x									
MW-18 (12-13)	10/27/2008	X	X	X	X																
MW-18 (20-21)	10/27/2008	X	X	X	X																
MW-18 (23-24)	10/27/2008	X	X	X	X																
MW-18 (28-29)	10/27/2008	X	X	X	X																
MW-22 (2-4)	10/31/2008	X	X	X	X	X	X	X													
MW-22 (12-13)	10/31/2008	X	X	X	X	X															
MW-22 (17.5 - 18.5)	10/31/2008	X	X	X	X	X															
MW-22 (18.5 - 19.5)	10/31/2008	X	X	X	X	X															
MW-22 (28-31)	10/31/2008									X	X	X									

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SB-25 (15-17)	10/25/2008	X	X	X	X																	
SB-25 (22-23)	10/25/2008	X	X	X	X																	
SB-25 (30-31)	10/25/2008	X	X	X	X																	
SB-26 (9-11.5)	10/30/2008	X	X	X	X																	
SB-26 (13-14.5)	10/30/2008	X	X	X	X																	
SB-26 (19-21)	10/30/2008	X	X	X	X																	
DUPLICATE	10/30/2008	X	X	X	X																	
SB-26 (31-32)	10/30/2008	X	X	X	X																	
SB-26 (33-35)	10/30/2008									X	X	X										
SB-26 (35-36)	10/30/2008	X	X	X	X																	
SB-27 (17-18)	10/27/2008	X	X	X	X																	
SB-27 (22-23)	10/27/2008	X	X	X	X																	
SB-29 (2-4)	11/5/2008	X	X	X	X		X	X	X													
SB-29 (13-15)	11/5/2008	X	X	X	X																	
SB-29 (19-20)	11/5/2008	X	X	X	X																	
SB-29 (21-23)	11/5/2008									X	X	X										
SB-30 (2-4)	11/3/2008	X	X	X	X		X	X	X													
DUPLICATE 2	11/3/2008	X	X	X	X		X	X	X													
SB-30 (5-6)	11/3/2008	X	X	X	X																	
SB-30 (18-19)	11/3/2008	X	X	X	X																	
SB-30 (23-24)	11/3/2008	X	X	X	X																	
SB-30 (32-33)	11/3/2008	X	X	X	X																	
SB-31 (2-4)	11/4/2008	X	X	X	X		X	X	X													
SB-31 (7-9)	11/4/2008	X	X	X	X																	
SB-31 (11-15)	11/5/2008									X	X	X										
SB-31 (18-19)	11/4/2008	X	X	X	X																	
SB-31 (21-22)	11/4/2008	X	X	X	X																	
SB-31 (30-31)	11/4/2008	X	X	X	X																	
SB-32 (2-4)	10/22/2008	X	X	X	X		X	X	X													
SB-32 (6-8)	10/22/2008	X	X	X	X																	
SB-32 (12-14)	10/22/2008	X	X	X	X																	
SB-32 (27.5-28)	10/23/2008	X	X	X	X																	
SB-33 (12-14)	10/22/2008	X	X	X	X																	
SB-33 (22-24)	10/22/2008	X	X	X	X																	
SB-33 (28-30)	10/22/2008	X	X	X	X																	
SB-34 (2-4)	11/6/2008	X	X	X	X		X	X	X													
SB-34 (6-7)	11/6/2008	X	X	X	X																	
SB-34 (7-9)	11/6/2008									X	X	X										
SB-34 (13-14)	11/6/2008	X	X	X	X																	
SB-34 (14-15)	11/6/2008	X	X	X	X																	
SB-34 (27-29)	11/6/2008	X	X	X	X																	
SB-35 (2-4)	10/23/2008	X	X	X	X		X	X	X													
SB-35 (8-10)	10/23/2008	X	X	X	X																	
SB-35 (18-20)	10/23/2008	X	X	X	X																	
SB-35 (30-31)	10/23/2008	X	X	X	X																	
SB-36 (2-4)	11/3/2008	X	X	X	X		X	X	X													
SB-36 (11-13)	11/3/2008	X	X	X	X																	
SB-36 (19-21)	11/3/2008	X	X	X	X		X	X	X													
SB-36 (21-23)	11/3/2008									X	X	X										
SB-36 (28-29)	11/4/2008	X	X	X	X																	
SB-37 (12-13)	10/29/2008	X	X	X	X																	
SB-37 (17-18)	10/29/2008	X	X	X	X																	
SB-37 (20-21)	10/29/2008	X	X	X	X																	
SB-37 (27-28)	10/29/2008	X	X	X	X																	

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SB-38 (2-4)	11/6/2008	X	X	X	X	X	X	X															
SB-38 (12-13)	11/6/2008	X	X	X	X																		
SB-38 (18-19)	11/6/2008	X	X	X	X																		
SB-40 (2-4)	11/7/2008	X	X	X	X	X																	
SB-40 (5-7)	11/7/2008	X	X	X	X		X	X															
SB-40 (20-21)	11/7/2008	X	X	X	X																		
SB-40 (26-27)	11/7/2008	X	X	X	X																		
SB-40 (30.5-31)	11/7/2008	X	X	X	X																		
TP-1 (0-.25)	9/22/2008	X	X	X	X			X	X											X			
TP-1 (0-2)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-2 (0-.25)	9/22/2008	X	X	X	X			X	X												X		
TP-2 (0-2)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-3 (0-.25)	9/22/2008	X	X	X	X			X	X												X		
TP-3 (0-2)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-4 (0-0.25)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-4 (0-2)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-5 (0-0.25)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-5 (0-2)	9/22/2008	X	X	X	X			X	X	X	X	X									X		
TP-5D	9/22/2008	X	X	X	X			X	X												X		
TP-7 (0-.25)	9/23/2008	X	X	X	X			X	X												X		
TP-7 (0-2)	9/23/2008	X	X	X	X			X	X	X	X	X									X		
TP-8 (0-.25)	9/23/2008	X	X	X	X			X	X												X		
TP-8 (0-2)	9/23/2008	X	X	X	X			X	X	X	X	X									X		
TP-9 (0-.25)	9/23/2008	X	X	X	X			X	X												X		
TP-9 (0-2)	9/23/2008	X	X	X	X			X	X												X		
TP-10 (0-.25)/DUP	9/23/2008	X	X	X	X			X	X												X		
TP-10 (0-2)/DUP	9/23/2008	X	X	X	X			X	X												X		
TP-11 (0-.25)	9/23/2008	X	X	X	X			X	X												X		
TP-11 (0-2)	9/23/2008	X	X	X	X			X	X												X		
TP 1-5 (Composite)	9/23/2008	X	X	X	X			X	X				X								X		
TP 7-11 (Composite)	9/23/2008	X	X	X	X			X					X								X		
MW-2	11/25/2008	X	X	X																	X		X
MW-8	11/25/2008	X	X	X																	X		X
MW-9	11/24/2009	X	X	X																			
MW-10	11/19/2008	X	X	X																	X		
MW-11 (D)	11/20/2008	X	X	X																	X		
MW-12 (D)	11/21/2008	X	X	X																	X		
MW-13 (S)	11/19/2008	X	X	X																	X		
MW-14 (S)	11/24/2009	X	X	X																	X		
MW-15 (D)	11/21/2008	X	X	X		X	X										X				X		
MW-16 (S)	11/24/2009	X	X	X																	X		
MW-17 (S)	11/20/2008	X	X	X		X	X														X		
MW-18 (D)	11/20/2008	X	X	X																	X		
MW-19 (D)	11/19/2008	X	X	X																	X		
MW-20 (S)	11/21/2008	X	X	X																	X		
MW-21 (S)	11/24/2009	X	X	X																	X		
MW-22 (D)	11/23/2008	X	X	X																	X		
MW-23 (S)/DUP	11/23/2008	X	X	X	X									X	X	X	X	X	X	X	X	X	
SW-N	11/23/2008	X	X	X				X	X												X		
SW-0	11/23/2008	X	X	X				X	X												X		
SW-S	11/23/2008	X	X	X				X	X												X		

Table 2
Geophysical Anomalies

Queens West, Parcel 8
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Anomaly	Approximate coordinates	Comments
1	2~5E/128~132N	Circular shape (4-ft diameter)
2	1~7E/177~183N	5 by 10-ft metal anomaly
3	20~43E/63~73N	Large EM-61 anomaly (9 by 25-ft)
4	21~29E/128~142N	Multiple metal anomalies with tires
5	23E/175N	2 by 3-ft metal anomaly
6	24E/185N	2 by 4-ft metal anomaly
7	26~36E/0~4N	Significant EM response
8	32E/100N	Tire
9	35E/30N	Circular shape (5-ft diameter)
10	42E/25N	Metal pipe
11	42E/52N	Metal screws on surface
12	51E/22~27N	3 by 4-ft metal anomaly
13	55~82E/153~160N	5 by 25-ft metal anomaly (GPR at 2-ft)
14	66E/130N	Metal pipe
15	69E/20N	GPR anomaly less than 1 foot
16	82E/140N	3 by 4-ft metal anomaly
17	85~90E/130N	2 by 3-ft metal anomaly
18	90~95E/90~190N	Linear feature (suspected utility/foundation)
19	98E/140N	3 by 4-ft metal anomaly
20	106E/180N	Metal pipe
21	109~114E/147~153N	3 by 6-ft metal anomaly
22	121~125E/145N	Metal beam
23	131E/105N	Metal beam
24	80~84E/74~82N	Circular shape (5-ft diameter)
25	68~73E/0N	GPR anomaly less than 1 foot

Refer to Plate 2, Appendix G for the coordinate lines.

EM – Electromagnetic; GPR – Ground Penetrating Radar

Table 2
Geophysical Anomalies

Queens West, Parcel 8
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Anomaly	Approximate coordinates	Comments
26	30E/130~190N	Linear feature (n-s direction)
27	60E/40~190N	Linear feature (n-s direction)
28	95E/40~190N	Linear feature (n-s direction)
29	113E/40~190N	Linear feature (n-s direction)
30	20~120E/120N	Linear feature (e-w direction)
31	50~95E/100N	Linear feature (e-w direction)
32	18~85E/43N	Linear feature (e-w direction)
33	145~160E/165~178N	Large anomaly with TW-6
34	70~85E/105~120N	Anomalous area, inconclusive
35	115~135E/120~140N	Large anomaly with TW-6
36	0E/160~190N	Response on a metal container?
37	23~42E/63~75N	Large metal anomaly (EM-61 detected)
38	13~21E/50~58N	Circular (5-ft) metal anomaly with TW-6
39	15E/81N	Large metal anomaly detected with TW-6
40	25~35E/0~5N	Metal anomaly (EM-61 detected)
41	0~100E/0N	Response on metal poles along southern edge?
42	41E/20~60N	Linear feature, inconclusive on follow-up
43	75~85E/5~73N	Linear feature, inconclusive on follow-up
44	102E/30~60N	Linear feature, inconclusive on follow-up
45	122E/60~110N	Linear feature, inconclusive on follow-up

Table 3A
Analytical Results for Surface Soils from (0-0.25 ft bg)

Queens West, Parcel 8
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Sample ID	Regulatory Objectives	TP-1 (0-.25)	TP-2 (0-.25)	TP-3 (0-.25)	TP-4 (0-0.25)	TP-5 (0-0.25)	TP-5D	TP-7 (0-.25')	TP-8 (0-.25')	TP-9 (0-.25')	TP-10 (0-.25')	DUP1	TP-11 (0-.25')												
Date Sampled	RUSCOs	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	**TP-10 (0-.25')**	9/23/2008												
VOCs (µg/kg)																									
Acetone	500,000	2.2	U	1.9	U	2.9	U	2.3	U	2700	U	6700	U	2.6	U	2.3	U	2.5	U	2.7	U	2.8	U	2.8	U
Benzene	44,000	0.36	U	0.31	U	0.47	U	0.38	U	440	U	1100	U	0.42	U	0.37	U	0.41	U	0.44	U	0.45	U	0.47	U
Bromodichloromethane	NS	0.26	U	0.23	U	0.35	U	0.28	U	320	U	800	U	0.31	U	0.28	U	0.31	U	0.33	U	0.33	U	0.34	U
Bromoform	NS	0.34	U	0.29	U	0.45	U	0.36	U	420	U	1000	U	0.4	U	0.36	U	0.39	U	0.42	U	0.43	U	0.44	U
Bromomethane	NS	0.89	U	0.77	U	1.2	U	0.95	U	1100	U	2700	U	1.1	U	0.94	U	1	U	1.1	U	1.1	U	1.2	U
2-Butanone (MEK)	500,000	2.2	U	1.9	U	2.9	U	2.4	U	2800	U	6800	U	2.6	U	2.3	U	2.6	U	2.8	U	2.8	U	2.9	U
Carbon disulfide	NS	0.51	U	0.44	U	0.67	U	0.54	U	620	U	1600	U	0.6	U	0.53	U	0.59	U	0.63	U	0.64	U	0.66	U
Carbon tetrachloride	22,000	0.95	U	0.82	U	1.2	U	1	U	1200	U	2900	U	1.1	U	0.99	U	1.1	U	1.2	U	1.2	U	1.2	U
Chlorobenzene	500,000	0.3	U	0.26	U	0.4	U	0.32	U	370	U	920	U	0.36	U	0.32	U	0.35	U	0.37	U	0.38	U	0.39	U
Chloroethane	350,000	0.69	U	0.59	U	0.91	U	0.74	U	850	U	2100	U	0.81	U	0.72	U	0.8	U	0.85	U	0.88	U	0.9	U
Chloroform	NS	0.47	U	0.41	U	0.62	U	0.5	U	580	U	1400	U	0.56	U	0.49	U	0.55	U	0.58	U	0.6	U	0.61	U
Chloromethane	NS	0.72	U	0.62	U	0.94	U	0.77	U	880	U	2200	U	0.85	U	0.75	U	0.83	U	0.88	U	0.91	U	0.94	U
Dibromochloromethane	NS	0.27	U	0.23	U	0.36	U	0.29	U	330	U	830	U	0.32	U	0.29	U	0.32	U	0.34	U	0.35	U	0.36	U
1,1-Dichloroethane	240,000	0.4	U	0.34	U	0.52	U	0.42	U	490	U	1200	U	0.47	U	0.42	U	0.46	U	0.49	U	0.5	U	0.52	U
1,2-Dichloroethane	30,000	0.43	U	0.37	U	0.57	U	0.46	U	530	U	1300	U	0.51	U	0.45	U	0.5	U	0.54	U	0.55	U	0.57	U
1,1-Dichloroethene	500,000	0.53	U	0.46	U	0.7	U	0.57	U	650	U	1600	U	0.63	U	0.56	U	0.61	U	0.65	U	0.67	U	0.69	U
cis-1,2-Dichloroethene	500,000	0.37	U	0.32	U	0.48	U	0.39	U	450	U	1100	U	0.43	U	0.38	U	0.42	U	0.45	U	0.46	U	0.48	U
trans-1,2-Dichloroethene	500,000	0.32	U	0.28	U	0.43	U	0.35	U	400	U	990	U	0.38	U	0.34	U	0.38	U	0.4	U	0.41	U	0.42	U
1,2-Dichloroethene (total)	NS	0.32	U	0.28	U	0.43	U	0.35	U	400	U	990	U	0.38	U	0.34	U	0.38	U	0.4	U	0.41	U	0.42	U
1,2-Dichloropropane	NS	0.4	U	0.34	U	0.52	U	0.42	U	490	U	1200	U	0.47	U	0.42	U	0.46	U	0.49	U	0.5	U	0.52	U
cis-1,3-Dichloropropene	NS	0.25	U	0.21	U	0.32	U	0.26	U	300	U	750	U	0.29	U	0.26	U	0.29	U	0.3	U	0.31	U	0.32	U
trans-1,3-Dichloropropene	NS	0.25	U	0.22	U	0.33	U	0.27	U	310	U	770	U	0.3	U	0.26	U	0.29	U	0.31	U	0.32	U	0.33	U
Ethylbenzene	390,000	0.41	U	1.4		0.54	U	0.44	U	982	J	9860		0.48	U	0.43	U	0.48	U	0.51	U	0.52	U	0.54	U
2-Hexanone	NS	1.9	U	1.7	U	2.6	U	2.1	U	2400	U	5900	U	2.3	U	2	U	2.3	U	2.4	U	2.5	U	2.5	U
Methyl Tert Butyl Ether	500,000	0.36	U	0.31	U	0.47	U	0.38	U	440	U	1100	U	0.42	U	0.38	U	0.42	U	0.44	U	0.46	U	0.47	U
4-Methyl-2-pentanone(MIBK)	NS	2.4	U	2.1	U	3.2	U	2.6	U	3000	U	7400	U	2.9	U	2.5	U	2.8	U	3	U	3.1	U	3.2	U
Methylene chloride	500,000	0.29	U	1	J	0.39	U	0.32	U	360	U	900	U	2.5	J	1.8	J	2.1	J	1.5	J	1.9	J	2.3	J
Styrene	NS	0.29	U	0.25	U	0.38	U	0.31	U	360	U	890	U	0.34	U	0.3	U	0.34	U	0.36	U	0.37	U	0.38	U
1,1,2,2-Tetrachloroethane	NS	0.26	U	0.22	U	0.34	U	0.27	U	310	U	780	U	0.3	U	0.27	U	0.3	U	0.32	U	0.33	U	0.33	U
Tetrachloroethene	150,000	0.47	U	0.72	J	0.62	U	0.5	U	580	U	1400	U	0.56	U	0.49	U	0.55	U	0.58	U	0.6	U	0.62	U
Toluene	500,000	0.33	U	4.9		1.8		0.62	J	410	U	1000	U	2.2		0.35	U	2		0.41	U	0.42	U	2.2	
1,1,1-Trichloroethane	500,000	0.53	U	0.46	U	0.7	U	0.57	U	660	U	1600	U	0.63	U	0.56	U	0.62	U	0.66	U	0.68	U	0.7	U
1,1,2-Trichloroethane	NS	0.26	U	0.22	U	0.34	U	0.28	U	320	U	790	U	0.31	U	0.27	U	0.3	U	0.32	U	0.33	U	0.34	U
Trichloroethene	200,000	0.3	U	0.81	J	0.39	U	0.32	U	360	U	910	U	0.35	U	0.31	U	0.34	U	0.37	U	0.38	U	0.39	U
Vinyl chloride	13,000	0.64	U	0.55	U	0.84	U	0.69	U	790	U	2000	U	0.76	U	0.67	U	0.74	U	0.79	U	0.81	U	0.84	U
Xylene (total)	500,000	0.3	U	6.5		0.4	U	0.32	U	19700		61000		0.81	J	0.32	U	0.35	U	0.38	U	0.39	U	0.4	U
Total VOCs		0.0		10		1.8		0.6		20682		70860		5.5		1.8		4.1		1.5		1.9		5.5	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
VOCs - Volatile organic carbons
µg/kg - micrograms per kilogram
NS - No standard
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3A
Analytical Results for Surface Soils from (0-0.25 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	TP-1 (0-.25)	TP-2 (0-.25)	TP-3 (0-.25)	TP-4 (0-0.25)	TP-5 (0-0.25)	TP-5D	TP-7 (0-.25')	TP-8 (0-.25')	TP-9 (0-.25')	TP-10 (0-.25')	DUP1 **TP-10 (0-.25')**	TP-11 (0-.25')												
Date Sampled	RUSCOs	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008												
SVOCs (µg/kg)																									
2-Chlorophenol	NS	170	U	170	U	180	U	170	U	190	U	180	U	29	U	30	U	30	U	30	U	29	U	31	U
4-Chloro-3-methyl phenol	NS	250	U	250	U	270	U	250	U	270	U	260	U	42	U	45	U	43	U	44	U	43	U	45	U
2,4-Dichlorophenol	NS	210	U	210	U	230	U	210	U	230	U	230	U	36	U	38	U	37	U	38	U	37	U	38	U
2,4-Dimethylphenol	NS	250	U	250	U	270	U	250	U	270	U	270	U	42	U	45	U	44	U	44	U	43	U	45	U
2,4-Dinitrophenol	NS	2200	U	2200	U	2400	U	2200	U	2400	U	2300	U	380	U	400	U	390	U	390	U	380	U	400	U
4,6-Dinitro-o-cresol	NS	220	U	220	U	230	U	220	U	240	U	230	U	37	U	39	U	38	U	38	U	38	U	39	U
2-Methylphenol	500,000	220	U	220	U	240	U	220	U	240	U	230	U	38	U	40	U	39	U	39	U	38	U	40	U
3&4-Methylphenol	NS	280	U	280	U	290	U	270	U	300	U	290	U	47	U	49	U	48	U	49	U	48	U	49	U
2-Nitrophenol	NS	220	U	220	U	230	U	210	U	240	U	230	U	37	U	39	U	37	U	38	U	37	U	39	U
4-Nitrophenol	NS	260	U	260	U	280	U	260	U	290	U	280	U	45	U	47	U	46	U	46	U	46	U	47	U
Pentachlorophenol	6,700	270	U	270	U	280	U	260	U	290	U	280	U	45	U	47	U	46	U	47	U	46	U	48	U
Phenol	500,000	160	U	160	U	170	U	150	U	170	U	160	U	26	U	28	U	27	U	27	U	27	U	28	U
2,4,5-Trichlorophenol	NS	220	U	220	U	240	U	220	U	240	U	230	U	38	U	40	U	39	U	39	U	38	U	40	U
2,4,6-Trichlorophenol	NS	270	U	270	U	290	U	270	U	300	U	290	U	46	U	49	U	47	U	48	U	47	U	49	U
Acenaphthene	500,000	220		1410		1770		1170		102000		206000		215		409		283		313		321		1450	
Acenaphthylene	500,000	171	J	476		226		315		999		2090		117		131		175		256		391		432	
Anthracene	500,000	562		3730		3280		2040		37100		182000		583		977		633		787		1060		3410	
Benzo(a)anthracene	5,600	1790		12600		9120		4900		13500		24700		1700		2290		1750		2060		3170		7520	
Benzo(a)pyrene	1,000	2190		14100		9470		5490		6280		11000		1410		1950		1470		1730		2710		5830	
Benzo(b)fluoranthene	5,600	2320		11500		9510		5150		7680		10800		1730		2300		1760		2050		3440		6680	
Benzo(g,h,i)perylene	500,000	1360		6980		4970		2910		3660		5460		860		1270		942		1040		1530		2790	
Benzo(k)fluoranthene	56,000	1650		9280		5540		4320		3760		6960		525		786		665		716		969		2180	
4-Bromophenyl phenyl ether	NS	110	U	110	U	120	U	110	U	120	U	120	U	19	U	20	U	19	U	20	U	19	U	20	U
Butyl benzyl phthalate	NS	100	U	100	U	110	U	100	U	110	U	110	U	17	U	135		18	U	99.3		18	U	18	U
2-Chloronaphthalene	NS	92	U	91	U	97	U	91	U	100	U	96	U	15	U	16	U	16	U	16	U	16	U	16	U
4-Chloroaniline	NS	84	U	83	U	89	U	83	U	91	U	88	U	14	U	15	U	14	U	15	U	14	U	15	U
Carbazole	NS	199	J	1400		1400		87	U	18300		62400		148		344		267		257		327		969	
Chrysene	56,000	1920		13000		9820		5180		13000		23400		1430		1900		1550		1720		2710		6330	
bis(2-Chloroethoxy)methane	NS	100	U	100	U	110	U	100	U	110	U	110	U	17	U	18	U	18	U	18	U	18	U	18	U
bis(2-Chloroethyl)ether	NS	97	U	97	U	100	U	96	U	110	U	100	U	16	U	17	U	17	U	17	U	17	U	17	U
bis(2-Chloroisopropyl)ether	NS	110	U	110	U	110	U	110	U	120	U	110	U	18	U	19	U	19	U	19	U	18	U	19	U

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

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J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3A
Analytical Results for Surface Soils from (0-0.25 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	TP-1 (0-.25)	TP-2 (0-.25)	TP-3 (0-.25)	TP-4 (0-0.25)	TP-5 (0-0.25)	TP-5D	TP-7 (0-.25')	TP-8 (0-.25')	TP-9 (0-.25')	TP-10 (0-.25')	DUP1 **TP-10 (0-.25')**	TP-11 (0-.25')
Date Sampled	RUSCOs	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008
SVOCs (µg/kg)													
4-Chlorophenyl phenyl ether	NS	140	U	140	U	150	U	140	U	150	U	140	U
1,2-Dichlorobenzene	500,000	110	U	110	U	120	U	110	U	120	U	120	U
1,3-Dichlorobenzene	280,000	85	U	85	U	90	U	84	U	92	U	90	U
1,4-Dichlorobenzene	130,000	80	U	79	U	85	U	79	U	87	U	84	U
2,4-Dinitrotoluene	NS	110	U	110	U	120	U	110	U	120	U	120	U
2,6-Dinitrotoluene	NS	93	U	93	U	99	U	92	U	100	U	98	U
3,3'-Dichlorobenzidine	NS	360	U	360	U	380	U	350	U	390	U	380	U
Dibenzo(a,h)anthracene	560	811	2690	1930	1300	1440	2060	265	368	294	333	506	994
Dibenzofuran	350,000	107	J	782	807	559	70200	157000	116	274	156	216	205
Di-n-butyl phthalate	NS	130	U	130	U	140	U	140	U	140	U	22	U
Di-n-octyl phthalate	NS	91	U	91	U	97	U	90	U	99	U	96	U
Diethyl phthalate	NS	93	U	93	U	99	U	92	U	100	U	98	U
Dimethyl phthalate	NS	98	U	98	U	100	U	97	U	110	U	100	U
bis(2-Ethylhexyl)phthalate	NS	249	J	262	J	396	J	110	U	120	U	110	U
Fluoranthene	500,000	3770		27200	24500	12300	140000	251000	3040	4870	3450	3890	5550
Fluorene	500,000	183	J	1330	1350	872	74900	168000	186	385	252	340	344
Hexachlorobenzene	6,000	120	U	120	U	120	U	130	U	120	U	20	U
Hexachlorobutadiene	NS	99	U	98	U	100	U	98	U	110	U	100	U
Hexachlorocyclopentadiene	NS	190	U	190	U	210	U	190	U	210	U	210	U
Hexachloroethane	NS	130	U	130	U	140	U	130	U	150	U	140	U
Indeno(1,2,3-cd)pyrene	5,600	1220	7270	4950	2990	3170	5190	789	1080	833	916	1420	2690
Isophorone	NS	180	U	180	U	190	U	200	U	190	U	31	U
2-Methylnaphthalene	NS	93	U	284	J	298	J	38600	133000	51.8	J	113	74.3
2-Nitroaniline	NS	150	U	150	U	160	U	150	U	160	U	160	U
3-Nitroaniline	NS	84	U	83	U	89	U	83	U	91	U	88	U
4-Nitroaniline	NS	130	U	130	U	140	U	130	U	140	U	22	U
Naphthalene	500,000	90	U	473	377	384	112000	495000	105	176	133	296	207
Nitrobenzene	NS	93	U	93	U	99	U	92	U	100	U	98	U
N-Nitroso-di-n-propylamine	NS	130	U	130	U	140	U	130	U	140	U	130	U
N-Nitrosodiphenylamine	NS	140	U	140	U	150	U	140	U	150	U	23	U
Phenanthrene	500,000	2090	15900	16400	8170	365000	745000	1830	3400	2390	2660	3190	11800
Pyrene	500,000	3490	23800	18900	9660	103000	179000	2340	3470	2690	2940	4700	11400
1,2,4-Trichlorobenzene	NS	110	U	110	U	110	U	120	U	110	U	18	U
Total SVOCs		24,302	154,467	125,014	67,975	1,114,589	2,670,060	17,441	26,916	19,945	23,062	33,005	83,616

Notes:

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Table 3A
Analytical Results for Surface Soils from (0-0.25 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	TP-1 (0-.25)	TP-2 (0-.25)	TP-3 (0-.25)	TP-4 (0-0.25)	TP-5 (0-0.25)	TP-5D	TP-7 (0-.25')	TP-8 (0-.25')	TP-9 (0-.25')	TP-10 (0-.25')	DUP1 **TP-10 (0-.25')**	TP-11 (0-.25')
Date Sampled	RUSCOs	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/22/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008	9/23/2008
PCBs/Pesticides (µg/kg)													
Aldrin	680	0.28	U	0.28	U	0.3	U	0.28	U	0.3	U	0.28	U
alpha-BHC	3,400	0.26	U	0.25	U	0.27	U	0.26	U	0.27	U	0.27	U
beta-BHC	3,000	0.47	U	0.46	U	0.49	U	0.46	U	0.49	U	0.48	U
delta-BHC	500,000	0.26	U	0.25	U	0.27	U	0.25	U	0.27	U	0.26	U
gamma-BHC (Lindane)	9,200	0.35	U	0.34	U	0.36	U	0.34	U	0.36	U	0.35	U
alpha-Chlordane	24,000	28.8		3		4		4.7		0.45	U	0.46	U
gamma-Chlordane	NS	31.8		2.5		2.2		5.4		0.33	U	0.34	U
Dieldrin	1,400	0.28	U	0.27	U	0.29	U	0.27	U	0.29	U	0.29	U
4,4'-DDD	92,000	0.23	U	0.22	U	0.24	U	0.22	U	0.24	U	0.24	U
4,4'-DDE	62,000	0.35	U	0.34	U	0.37	U	0.35	U	0.37	U	29.8	U
4,4'-DDT	47,000	27		27.8		44.3		29.4		134		0.35	U
Endrin	89,000	0.3	U	0.29	U	0.32	U	0.3	U	0.32	U	0.32	U
Endosulfan sulfate	200,000	0.3	U	0.29	U	0.31	U	0.3	U	0.31	U	0.32	U
Endrin aldehyde	NS	0.33	U	0.32	U	0.34	U	0.33	U	0.35	U	14.7	U
Endosulfan-I	200,000	0.29	U	0.28	U	0.3	U	0.28	U	0.3	U	0.31	U
Endosulfan-II	200,000	0.47	U	0.45	U	0.49	U	0.46	U	0.49	U	0.5	U
Heptachlor	15,000	0.37	U	0.36	U	0.39	U	0.37	U	0.39	U	0.4	U
Heptachlor epoxide	NS	0.28	U	0.27	U	0.29	U	0.28	U	0.3	U	0.3	U
Methoxychlor	NS	0.38	U	0.37	U	0.39	U	0.37	U	0.4	U	0.4	U
Endrin ketone	NS	0.28	U	0.27	U	0.29	U	0.28	U	0.29	U	0.3	U
Toxaphene	NS	13	U	13	U	14	U	13	U	14	U	14	U
Aroclor 1016	1,000	6.7	U	6.5	U	7	U	6.6	U	7	U	7.2	U
Aroclor 1221	1,000	21	U	21	U	22	U	21	U	22	U	23	U
Aroclor 1232	1,000	19	U	19	U	20	U	19	U	20	U	21	U
Aroclor 1242	1,000	11	U	11	U	12	U	11	U	12	U	20	U
Aroclor 1248	1,000	12	U	12	U	13	U	12	U	13	U	19	U
Aroclor 1254	1,000	17	U	178		135		16	U	17	U	12	U
Aroclor 1260	1,000	116		145		91.5		17	U	17	U	13	U
						235		18	U	17	U	17	U
						63		384		702		392	U
												218	U
												612	U
													1840

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

NS - No standard

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3A
Analytical Results for Surface Soils from (0-0.25 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	TP-1 (0-.25)		TP-2 (0-.25)		TP-3 (0-.25)		TP-4 (0-0.25)		TP-5 (0-0.25)		TP-5D		TP-7 (0-.25')		TP-8 (0-.25')		TP-9 (0-.25')		TP-10 (0-.25')		DUP1 **TP-10 (0-.25')**		TP-11 (0-.25')	
Date Sampled	RUSCOs	9/22/2008		9/22/2008		9/22/2008		9/22/2008		9/22/2008		9/22/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008	
Metals (mg/kg)																									
Aluminum	NS	7500		7400		6420		7860		7290		7090		10300		6080		7660		7350		4540		5720	
Antimony	NS	2.1	U	2.2	U	2.2	U	2.1	U	2.3	U	2.3	U	2.1	U	2.3	U	2.3	U	2.2	U	2.2	U	2.2	U
Arsenic	16	8.4		9		10.8		7.1		6.9		5.1		6.5		7.2		6.1		7		9.6		13	
Barium	400	112		159		273		155		71.3		45.3		157		141		135		161		172		191	
Beryllium	590	0.79		0.54	U	0.56	U	0.52	U	0.58	U	0.56	U	0.54		0.57	U	0.56	U	0.55	U	0.54	U	0.65	
Cadmium	9	0.53	U	0.54	U	0.99		0.52	U	0.58	U	0.56	U	0.53	U	0.57	U	0.56	U	0.55	U	0.54	U	0.55	U
Calcium	NS	17500		19400		28400		43900		9550		5580		15800		28300		20300		9770		9730		28000	
Chromium	NS	19.1		19.1		25.8		16.6		16.3		12.9		15.6		15.7		18.4		30.6		16.4		22.8	
Cobalt	NS	8.5		6.3		5.6	U	5.5		5.8	U	5.6	U	12.5		5.7	U	6.8		6.5		5.4	U	6	
Copper	270	149		57.6		59.3		51.4		43.1		25.7		106		63.6		45.3		120		88.5		96.1	
Iron	NS	16800		17200		18700		14700		13200		12000		26200		14100		15300		17000		13600		17900	
Lead	1,000	116		193		284		439		87.6		54.8		160		201		139		137		144		229	
Magnesium	NS	4240		3590		7400		4170		2940		2800		7660		3730		6220		3750		2890		14200	
Manganese	10,000	232		225		227		211		152		109		341		210		236		236		185		259	
Mercury	3	0.53		0.7		2.9		1		4.3		2.9		0.35		0.54		0.38		0.65		1.6		0.59	
Nickel	310	20.5		18.9		27.6		15.9		15.4		12.1		21.3		20.1		18.9		25.6		15.3		18.8	
Potassium	NS	1320		1830		1300		2040		1400		1190		1820		1310		1970		1820		1100	U	1200	
Selenium	1,500	2.2		2.2	U	2.7		2.1	U	2.3		2.3	U	2.1	U	2.3	U	2.3	U	2.2	U	2.2	U	2.2	U
Silver	1,500	1.1	U	1.1	U	1.1	U	1	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Sodium	NS	1100	U	1100	U	1100	U	1000	U	1200	U	1100	U	1100	U	1100	U	1100	U	1100	U	1100	U	1100	U
Thallium	NS	1.1	U	1.1	U	1.1	U	1	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Vanadium	NS	28.6		31.5		29.3		24		25.8		18.6		62.8		28.9		28.9		43.9		21.7		29.7	
Zinc	10,000	610		215		352		179		96.6		68.5		185		164		170		189		171		193	
General Chemistry (mg/kg)																									
Corrosivity as pH (su)	MCC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Paint Filter Test (ml/100g)	< 2, > 12.5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Petroleum Hydrocarbons	> 0.5	NA		NA		NA		NA		NA		2100		NA		NA		NA		NA		NA		NA	
Cyanide Reactivity	NS	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Sulfide Reactivity	> 5.6	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Sulfide Reactivity	> 110	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ignitability (Flashpoint) (Deg. F)	< 140	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Solids, Percent (%)	NS	93.2		95.4		89.4		94.2		89.1		88.5		94.9		90.6		92.5		90.8		92.5		90	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
MCCs refer to 40 Code of Federal Regulations (CFR) Part 261, Table 1 - Maximum Contaminant Concentration (MCC) for the Toxicity Characteristic
mg/kg - milligrams per kilogram
NS - No standard
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3B
Analytical Results for Shallow Soil B from (0- 2 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives RUSCOs	TP-1 (0-2)		TP-2 (0-2)		TP-3 (0-2)		TP-4 (0-2)		TP-5 (0-2)		TP-7 (0-2')		TP-8 (0-2')		TP-9 (0-2')		TP-10 (0-2')		DUP2 **TP-10 (0-2')**	TP-11 (0-2')		TP 1-5 Composite		TP 7-11 Composite		
		9/22/2008		9/22/2008		9/22/2008		9/22/2008		9/22/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008		9/23/2008			
Date Sampled		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
VOCs (µg/kg)																											
Acetone	500,000	2.7	U	2.4	U	2.7	U	2.8	U	13000	U	2.6	U	2.5	U	2.7	U	2.4	U	2.5	U	2.3	U	140	U	2.8	U
Benzene	44,000	0.44	U	0.4	U	0.44	U	0.45	U	2200	U	0.42	U	0.4	U	0.43	U	0.39	U	0.4	U	0.38	U	39.9	J	0.46	U
Bromodichloromethane	NS	0.32	U	0.29	U	0.33	U	0.33	U	1600	U	0.31	U	0.3	U	0.32	U	0.28	U	0.3	U	0.28	U	16	U	0.34	U
Bromoform	NS	0.42	U	0.38	U	0.42	U	0.43	U	2100	U	0.4	U	0.38	U	0.41	U	0.37	U	0.38	U	0.36	U	21	U	0.44	U
Bromomethane	NS	1.1	U	1	U	1.1	U	1.1	U	5400	U	1.1	U	1	U	1.1	U	0.96	U	1	U	0.94	U	55	U	1.1	U
2-Butanone (MEK)	500,000	2.7	U	2.5	U	2.8	U	2.8	U	14000	U	2.7	U	2.5	U	2.7	U	2.4	U	2.5	U	2.4	U	140	U	2.9	U
Carbon disulfide	NS	0.62	U	0.57	U	0.63	U	0.64	U	3100	U	0.6	U	0.57	U	0.62	U	0.55	U	0.57	U	0.53	U	32	U	0.65	U
Carbon tetrachloride	22,000	1.2	U	1.1	U	1.2	U	1.2	U	5700	U	1.1	U	1.1	U	1.2	U	1	U	1.1	U	1	U	59	U	1.2	U
Chlorobenzene	500,000	0.37	U	0.34	U	0.37	U	0.38	U	1800	U	0.36	U	0.34	U	0.37	U	0.32	U	0.34	U	0.32	U	19	U	0.39	U
Chloroethane	350,000	0.85	U	0.77	U	0.85	U	0.87	U	4200	U	0.82	U	0.78	U	0.84	U	0.74	U	0.78	U	0.72	U	43	U	0.89	U
Chloroform	NS	0.58	U	0.53	U	0.58	U	1.1	J	2800	U	0.56	U	0.53	U	0.57	U	0.51	U	0.53	U	0.49	U	29	U	0.61	U
Chloromethane	NS	0.88	U	0.8	U	0.89	U	0.91	U	4300	U	0.85	U	0.81	U	0.87	U	0.77	U	0.81	U	0.75	U	45	U	0.92	U
Dibromochloromethane	NS	0.33	U	0.3	U	0.34	U	0.34	U	1600	U	0.32	U	0.31	U	0.33	U	0.29	U	0.31	U	0.29	U	17	U	0.35	U
1,1-Dichloroethane	240,000	0.49	U	0.44	U	0.49	U	0.5	U	2400	U	0.47	U	0.45	U	0.48	U	0.43	U	0.45	U	0.42	U	25	U	0.51	U
1,2-Dichloroethane	30,000	0.53	U	0.49	U	0.54	U	0.55	U	2600	U	0.51	U	0.49	U	0.53	U	0.47	U	0.49	U	0.46	U	27	U	0.56	U
1,1-Dichloroethene	500,000	0.65	U	0.59	U	0.66	U	0.67	U	3200	U	0.63	U	0.6	U	0.65	U	0.57	U	0.6	U	0.56	U	33	U	0.68	U
cis-1,2-Dichloroethene	500,000	0.45	U	0.41	U	0.45	U	0.46	U	2200	U	0.43	U	0.41	U	0.45	U	0.39	U	0.41	U	0.38	U	23	U	0.47	U
trans-1,2-Dichloroethene	500,000	0.4	U	0.36	U	0.4	U	0.41	U	2000	U	0.39	U	0.37	U	0.4	U	0.35	U	0.37	U	0.34	U	20	U	0.42	U
1,2-Dichloroethene (total)	NS	0.4	U	0.36	U	0.4	U	0.41	U	2000	U	0.39	U	0.37	U	0.4	U	0.35	U	0.37	U	0.34	U	20	U	0.42	U
1,2-Dichloropropane	NS	0.49	U	0.44	U	0.49	U	0.5	U	2400	U	0.47	U	0.45	U	0.48	U	0.43	U	0.45	U	0.42	U	25	U	0.51	U
cis-1,3-Dichloropropene	NS	0.3	U	0.28	U	0.3	U	0.31	U	1500	U	0.29	U	0.28	U	0.3	U	0.27	U	0.28	U	0.26	U	15	U	0.32	U
trans-1,3-Dichloropropene	NS	0.31	U	0.28	U	0.31	U	0.32	U	1500	U	0.3	U	0.28	U	0.31	U	0.27	U	0.29	U	0.27	U	16	U	0.32	U
Ethylbenzene	390,000	0.5	U	3.5		0.57	J	0.52	J	7240		0.85	J	0.46	U	0.5	U	0.44	U	0.46	U	0.43	U	75.5		0.53	U
2-Hexanone	NS	2.4	U	2.2	U	2.4	U	2.5	U	12000	U	2.3	U	2.2	U	2.4	U	2.1	U	2.2	U	2	U	120	U	2.5	U
Methyl Tert Butyl Ether	500,000	0.44	U	0.4	U	0.44	U	0.45	U	2200	U	0.43	U	0.4	U	0.44	U	0.39	U	0.41	U	0.38	U	22	U	0.46	U
4-Methyl-2-pentanone(MIBK)	NS	3	U	2.7	U	3	U	3.1	U	15000	U	2.9	U	2.7	U	3	U	2.6	U	2.7	U	2.5	U	150	U	3.1	U
Methylene chloride	500,000	0.36	U	1.4	J	0.36	U	0.37	U	1800	U	2.8	J	1.7	J	2.2	J	2.4	J	1.7	J	1.3	J	18	U	2.4	J
Styrene	NS	0.36	U	0.33	U	0.36	U	0.37	U	1800	U	0.34	U	0.33	U	0.35	U	0.31	U	0.33	U	0.31	U	18	U	0.37	U
1,1,2,2-Tetrachloroethane	NS	0.31	U	0.29	U	0.32	U	0.32	U	1500	U	0.3	U	0.29	U	0.31	U	0.28	U	0.29	U	0.27	U	16	U	0.33	U
Tetrachloroethene	150,000	0.58	U	1.6	J	0.96	J	0.6	U	2900	U	0.82	J	0.53	U	0.58	U	0.51	U	0.53	U	0.5	U	29	U	0.61	U
Toluene	500,000	1.0	J	6.2		2.3		2.9		2000	U	4.6		0.38	U	1.5		1.7		0.38	U	0.35	U	174		4.0	
1,1,1-Trichloroethane	500,000	0.66	U	0.6	U	0.66	U	0.67	U	3200	U	0.63	U	0.6	U	0.65	U	0.58	U	0.6	U	0.56	U	33	U	0.69	U
1,1,2-Trichloroethane	NS	0.32	U	0.29	U	0.32	U	0.33	U	1600	U	0.31	U	0.29	U	0.31	U	0.28	U	0.29	U	0.27	U	16	U	0.33	U
Trichloroethene	200,000	0.36	U	2.5	J	1.3	J	0.57	J	1800	U	0.92	J	0.33	U	0.36	U	0.32	U	0.34	U	0.31	U	18	U	0.38	U
Vinyl chloride	13,000	0.79	U	0.72	U	0.79	U	0.81	U	3900	U	0.76	U	0.72	U	0.78	U	0.69	U	0.72	U	0.67	U	40	U	0.83	U
Xylene (total)	500,000	0.37	U	14.5		1.5	J	1.6	J	115000		0.84	J	0.34	U	0.37	U	0.33	U	0.34	U	0.32	U	878		0.39	U
Total VOCs		1.0		30		6.6		6.7		122,240		7.2		1.7		3.7		4.1		1.7		1.3		1,167		6.4	

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3B
Analytical Results for Shallow Soils from (0- 2 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives RUSCOs	TP-1 (0-2) 9/22/2008		TP-2 (0-2) 9/22/2008		TP-3 (0-2) 9/22/2008		TP-4 (0-2) 9/22/2008		TP-5 (0-2) 9/22/2008		TP-7 (0-2') 9/23/2008		TP-8 (0-2') 9/23/2008		TP-9 (0-2') 9/23/2008		TP-10 (0-2') 9/23/2008		DUP2 **TP-10 (0-2')** 9/23/2008		TP-11 (0-2') 9/23/2008		TP 1-5 Composite 9/23/2008		TP 7-11 Composite 9/23/2008	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs (µg/kg)																											
2-Chlorophenol	NS	170	U	200	U	180	U	190	U	180	U	31	U	29	U	31	U	30	U	30	U	30	U	180	U	30	U
4-Chloro-3-methyl phenol	NS	250	U	300	U	270	U	280	U	270	U	46	U	43	U	45	U	44	U	44	U	43	U	260	U	44	U
2,4-Dichlorophenol	NS	220	U	250	U	230	U	240	U	230	U	39	U	37	U	39	U	38	U	38	U	37	U	220	U	38	U
2,4-Dimethylphenol	NS	260	U	300	U	270	U	280	U	270	U	46	U	43	U	46	U	44	U	44	U	151	J	260	U	45	U
2,4-Dinitrophenol	NS	2300	U	2600	U	2400	U	2500	U	2400	U	410	U	380	U	410	U	390	U	390	U	390	U	2300	U	390	U
4,6-Dinitro-o-cresol	NS	220	U	260	U	240	U	240	U	240	U	40	U	38	U	40	U	38	U	39	U	38	U	230	U	39	U
2-Methylphenol	500,000	230	U	260	U	240	U	250	U	240	U	41	U	38	U	41	U	39	U	39	U	44.8	J	230	U	39	U
3&4-Methylphenol	NS	280	U	330	U	300	U	310	U	300	U	50	U	48	U	50	U	48	U	49	U	138		290	U	49	U
2-Nitrophenol	NS	220	U	260	U	230	U	240	U	230	U	40	U	37	U	39	U	38	U	38	U	38	U	220	U	38	U
4-Nitrophenol	NS	270	U	310	U	280	U	290	U	280	U	48	U	46	U	48	U	46	U	47	U	46	U	270	U	47	U
Pentachlorophenol	6,700	270	U	320	U	290	U	300	U	290	U	49	U	46	U	48	U	47	U	47	U	46	U	280	U	47	U
Phenol	500,000	160	U	180	U	170	U	170	U	170	U	28	U	27	U	28	U	27	U	28	U	27	U	160	U	28	U
2,4,5-Trichlorophenol	NS	230	U	260	U	240	U	250	U	240	U	41	U	38	U	41	U	39	U	39	U	39	U	230	U	39	U
2,4,6-Trichlorophenol	NS	280	U	330	U	300	U	310	U	300	U	50	U	47	U	50	U	48	U	48	U	48	U	280	U	49	U
Acenaphthene	500,000	203	J	1760		7460		534		231000		130		315		380		532		703		4750		20400		387	
Acenaphthylene	500,000	228		775		260		161	J	1980		160		159		322		319		389		434		719		264	
Anthracene	500,000	604		4850		13000		1350		85800		369		914		1160		1670		1900		8720		18100		1020	
Benzo(a)anthracene	5,600	2080		13700		28600		4070		20300		1460		2820		3070		4450		4740		9560		24700		2740	
Benzo(a)pyrene	1,000	2500		14600		25700		4910		7040		1350		2740		2390		3680		4080		7250		21000		2430	
Benzo(b)fluoranthene	5,600	2780		12900		30900		4800		8340		1760		3350		3250		4220		4710		8210		24000		3170	
Benzo(g,h,i)perylene	500,000	1570		11100		14300		3120		3260		910		1780		1450		2040		2160		3320		12900		1580	
Benzo(k)fluoranthene	56,000	1710		6420		21500		3690		4710		501		1000		875		1440		1820		2990		17700		873	
4-Bromophenyl phenyl ether	NS	110	U	130	U	120	U	130	U	120	U	21	U	19	U	20	U	20	U	20	U	20	U	120	U	20	U
Butyl benzyl phthalate	NS	100	U	120	U	110	U	110	U	110	U	48.6	J	63.6	J	19	U	1350		59.2	J	18	U	110	U	18	U
2-Chloronaphthalene	NS	93	U	110	U	99	U	100	U	99	U	17	U	16	U	17	U	16	U	16	U	16	U	95	U	16	U
4-Chloroaniline	NS	85	U	99	U	90	U	94	U	90	U	15	U	14	U	15	U	15	U	15	U	15	U	87	U	15	U
Carbazole	NS	90	U	1530		7900		98	U	30900		137		245		358		382		448		3010		11000		283	
Chrysene	56,000	2200		14400		31100		4410		18900		1360		2500		2600		3860		4390		8560		24700		2280	
bis(2-Chloroethoxy)methane	NS	100	U	120	U	110	U	110	U	110	U	19	U	18	U	19	U	18	U	18	U	18	U	110	U	18	U
bis(2-Chloroethyl)ether	NS	99	U	120	U	100	U	110	U	110	U	18	U	17	U	18	U	17	U	17	U	17	U	100	U	17	U
bis(2-Chloroisopropyl)ether	NS	110	U	130	U	120	U	120	U	120	U	20	U	19	U	20	U	19	U	19	U	19	U	110	U	19	U

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
VOCs - Volatile organic carbons
µg/kg - micrograms per kilogram
NS - No standard
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3B
Analytical Results for Shallow Soils from (0- 2 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives RUSCOs	TP-1 (0-2) 9/22/2008		TP-2 (0-2) 9/22/2008		TP-3 (0-2) 9/22/2008		TP-4 (0-2) 9/22/2008		TP-5 (0-2) 9/22/2008		TP-7 (0-2') 9/23/2008		TP-8 (0-2') 9/23/2008		TP-9 (0-2') 9/23/2008		TP-10 (0-2') 9/23/2008		DUP2 **TP-10 (0-2')** 9/23/2008		TP-11 (0-2') 9/23/2008		TP 1-5 Composite 9/23/2008		TP 7-11 Composite 9/23/2008		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Date Sampled																												
SVOCs (µg/kg)																												
4-Chlorophenyl phenyl ether	500,000	140	U	160	U	150	U	150	U	150	U	25	U	24	U	25	U	24	U	24	U	24	U	140	U	24	U	
1,2-Dichlorobenzene		110	U	130	U	120	U	120	U	120	U	20	U	19	U	20	U	19	U	20	U	19	U	110	U	20	U	
1,3-Dichlorobenzene		280,000	87	U	100	U	92	U	95	U	92	U	16	U	15	U	15	U	15	U	15	U	15	U	88	U	15	U
1,4-Dichlorobenzene		130,000	81	U	94	U	86	U	89	U	86	U	15	U	14	U	14	U	14	U	14	U	14	U	82	U	14	U
2,4-Dinitrotoluene		110	U	130	U	120	U	130	U	120	U	21	U	19	U	20	U	20	U	20	U	20	U	120	U	20	U	
2,6-Dinitrotoluene		95	U	110	U	100	U	100	U	100	U	17	U	16	U	17	U	16	U	16	U	16	U	96	U	16	U	
3,3'-Dichlorobenzidine		360	U	420	U	380	U	400	U	380	U	65	U	62	U	65	U	62	U	63	U	62	U	370	U	63	U	
Dibenzo(a,h)anthracene		560	866		3230		5210		1380		1470		290		523		465		647		748		1250		4640		473	
Dibenzofuran	350,000	112	J	941		3010		259	J	155000		64.1	J	204		237		260		410		3200		12600		236		
Di-n-butyl phthalate		130	U	150	U	140	U	140	U	140	U	79.8		22	U	23	U	482		23	U	22	U	130	U	23	U	
Di-n-octyl phthalate		93	U	110	U	98	U	100	U	98	U	17	U	16	U	17	U	16	U	16	U	16	U	94	U	16	U	
Diethyl phthalate		95	U	110	U	100	U	100	U	100	U	17	U	16	U	17	U	16	U	16	U	16	U	96	U	16	U	
Dimethyl phthalate		100	U	120	U	110	U	110	U	110	U	18	U	17	U	18	U	17	U	17	U	17	U	100	U	17	U	
bis(2-Ethylhexyl)phthalate	500,000	110	U	130	U	2240		120	U	120	U	194		664		192		336		163		19	U	110	U	126	U	
Fluoranthene		4130		32000		73500		9500		293000		2580		5820		6460		8860		9320		22400		77400		5400		
Fluorene		500,000	199	J	1370		5340		436		167000		105		277		411		478		681		4940		16500		329	
Hexachlorobenzene		6,000	120	U	140	U	130	U	130	U	130	U	21	U	20	U	21	U	21	U	21	U	20	U	120	U	21	U
Hexachlorobutadiene		100	U	120	U	110	U	110	U	110	U	18	U	17	U	18	U	17	U	17	U	17	U	100	U	17	U	
Hexachlorocyclopentadiene		200	U	230	U	210	U	220	U	210	U	36	U	34	U	35	U	34	U	34	U	34	U	200	U	34	U	
Hexachloroethane		140	U	160	U	140	U	150	U	140	U	24	U	23	U	24	U	23	U	24	U	23	U	140	U	24	U	
Indeno(1,2,3-cd)pyrene		5,600	1400		8550		14800		2720		3080		825		1610		1360		1900		2060		3360		12800		1380	
Isophorone		180	U	210	U	200	U	200	U	200	U	33	U	31	U	33	U	32	U	32	U	31	U	190	U	32	U	
2-Methylnaphthalene		94	U	266	J	999		100	U	121000		31.5	J	118		175		154		291		1890		4530		150		
2-Nitroaniline		150	U	180	U	160	U	170	U	160	U	28	U	26	U	28	U	27	U	27	U	26	U	160	U	27	U	
3-Nitroaniline		85	U	99	U	90	U	93	U	90	U	15	U	14	U	15	U	15	U	15	U	15	U	86	U	15	U	
4-Nitroaniline	500,000	130	U	150	U	140	U	140	U	140	U	24	U	22	U	23	U	23	U	23	U	22	U	130	U	23	U	
Naphthalene		92	U	391		1930		160	J	419000		65.0		230		191		328		361		5260		15100		208		
Nitrobenzene		95	U	110	U	100	U	100	U	100	U	17	U	16	U	17	U	16	U	16	U	16	U	96	U	16	U	
N-Nitroso-di-n-propylamine		130	U	150	U	140	U	140	U	140	U	23	U	22	U	23	U	22	U	23	U	22	U	130	U	23	U	
N-Nitrosodiphenylamine	500,000	140	U	170	U	150	U	160	U	150	U	25	U	24	U	25	U	24	U	25	U	24	U	140	U	25	U	
Phenanthrene		2150		23000		50300		5590		809000		1260		2890		4130		5280		6060		26900		91500		3290		
Pyrene		500,000	3930		28000		58800		8090		216000		2060		4640		4980		7260		7500		16900		61000		4470	
1,2,4-Trichlorobenzene			110	U	130	U	120	U	120	U	120	U	20	U	19	U	19	U	19	U	19	U	19	U	110	U	19	U
Total SVOCs		26662		179783		396849		55278		2596780		15740		32862.6		34456		49446		52993.2		142948.8		471289		30963		

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
VOCs - Volatile organic carbons
µg/kg - micrograms per kilogram
NS - No standard
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

Table 3B
Analytical Results for Shallow Soil from (0- 2 ft bg)

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives RUSCOs	TP-1 (0-2)		TP-2 (0-2)		TP-3 (0-2)		TP-4 (0-2)		TP-5 (0-2)		TP-7 (0-2')		TP-8 (0-2')		TP-9 (0-2')		TP-10 (0-2')		DUP2 **TP-10 (0-2')**		TP-11 (0-2')		TP 1-5 Composite		TP 7-11 Composite	
		9/22/2008	Q	9/22/2008	Q	9/22/2008	Q	9/22/2008	Q	9/22/2008	Q	9/23/2008	Q	9/23/2008	Q	9/23/2008	Q	9/23/2008	Q	9/23/2008	Q	9/23/2008	Q	9/23/2008	Q	9/23/2008	Q
Date Sampled		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result	
PCBs/Pesticides (µg/kg)																											
Aldrin	680	0.29	U	0.33	U	0.31	U	0.31	U	0.29	U	0.3	U	0.29	U	0.3	U	0.29	U	0.3	U	0.29	U	0.3	U	0.29	U
alpha-BHC	3,400	0.27	U	0.3	U	0.28	U	0.28	U	0.27	U	0.27	U	0.26	U	0.28	U	0.27	U	0.27	U	0.27	U	0.27	U	0.26	U
beta-BHC	3,000	0.48	U	0.55	U	0.52	U	0.51	U	0.49	U	0.5	U	0.48	U	0.5	U	0.48	U	0.49	U	0.49	U	0.5	U	0.48	U
delta-BHC	500,000	0.26	U	0.3	U	0.28	U	0.28	U	0.27	U	0.27	U	0.26	U	0.28	U	0.26	U	0.27	U	0.27	U	0.27	U	0.26	U
gamma-BHC (Lindane)	9,200	0.35	U	0.4	U	0.38	U	0.37	U	0.36	U	0.37	U	0.35	U	0.37	U	0.35	U	0.36	U	0.36	U	0.37	U	0.35	U
alpha-Chlordane	24,000	10.7		0.5	U	0.47	U	0.46	U	0.44	U	0.45	U	0.44	U	0.46	U	0.44	U	0.45	U	0.44	U	0.45	U	0.44	U
gamma-Chlordane	NS	10.2		0.36	U	0.34	U	0.34	U	0.32	U	0.33	U	0.32	U	0.33	U	0.32	U	0.33	U	0.32	U	0.33	U	0.32	U
Dieldrin	1,400	0.28	U	0.32	U	0.3	U	0.3	U	0.28	U	0.29	U	0.28	U	0.29	U	0.28	U	0.29	U	0.28	U	0.29	U	0.28	U
4,4'-DDD	92,000	0.23	U	0.26	U	0.25	U	0.25	U	0.24	U	0.24	U	0.23	U	0.24	U	0.23	U	0.24	U	0.23	U	0.24	U	0.23	U
4,4'-DDE	62,000	0.36	U	0.41	U	0.38	U	0.38	U	22.6		0.37	U	2.5		0.38	U	0.36	U	0.37	U	0.36	U	0.37	U	0.36	U
4,4'-DDT	47,000	36.3		0.38	U	65.6		5.8		59.9		18.5		39.8		181		56.8		0.34	U	323		20.5		53.2	
Endrin	89,000	0.31	U	0.35	U	0.33	U	0.33	U	48.8		0.32	U	0.31	U	23.7		0.31	U	0.32	U	43.7		0.32	U	0.31	U
Endosulfan sulfate	200,000	0.31	U	0.35	U	0.33	U	0.32	U	0.31	U	0.32	U	0.3	U	0.32	U	0.31	U	0.31	U	0.31	U	0.32	U	0.3	U
Endrin aldehyde	NS	0.34	U	0.38	U	0.36	U	0.36	U	0.34	U	7.7		0.34	U	0.35	U	0.34	U	0.34	U	0.34	U	0.35	U	0.34	U
Endosulfan-I	200,000	0.29	U	0.33	U	0.31	U	0.31	U	0.3	U	0.3	U	0.29	U	0.31	U	0.29	U	0.3	U	0.3	U	0.3	U	0.29	U
Endosulfan-II	200,000	0.48	U	0.54	U	0.51	U	0.5	U	17.0		0.49	U	0.47	U	0.5	U	0.48	U	0.48	U	0.48	U	0.49	U	0.47	U
Heptachlor	15,000	0.38	U	0.43	U	0.41	U	0.4	U	0.39	U	0.39	U	1.8		0.4	U	0.38	U	0.39	U	0.38	U	0.39	U	0.38	U
Heptachlor epoxide	NS	0.29	U	0.33	U	0.31	U	0.3	U	0.29	U	0.3	U	0.29	U	0.3	U	0.29	U	0.29	U	0.29	U	0.3	U	7.2	
Methoxychlor	NS	0.39	U	0.44	U	0.41	U	0.41	U	0.39	U	0.4	U	0.38	U	0.4	U	0.39	U	0.39	U	0.39	U	0.4	U	0.38	U
Endrin ketone	NS	0.29	U	0.32	U	0.31	U	0.3	U	0.29	U	0.3	U	0.28	U	0.3	U	0.29	U	0.29	U	0.29	U	0.3	U	0.28	U
Toxaphene	NS	14	U	15	U	15	U	14	U	14	U	14	U	14	U	14	U	14	U	14	U	14	U	14	U	14	U
Aroclor 1016	1,000	6.8	U	7.8	U	7.3	U	7.2	U	6.9	U	7.1	U	6.8	U	7.2	U	6.8	U	7	U	6.9	U	7.1	U	6.8	U
Aroclor 1221	1,000	22	U	25	U	23	U	23	U	22	U	22	U	22	U	23	U	22	U	22	U	22	U	22	U	22	U
Aroclor 1232	1,000	20	U	22	U	21	U	21	U	20	U	20	U	19	U	20	U	20	U	20	U	20	U	20	U	19	U
Aroclor 1242	1,000	11	U	13	U	12	U	12	U	12	U	12	U	11	U	12	U	11	U	12	U	12	U	12	U	11	U
Aroclor 1248	1,000	12	U	14	U	390		13	U	13	U	13	U	12	U	13	U	12	U	13	U	13	U	13	U	12	U
Aroclor 1254	1,000	363		19	U	153		18	U	17	U	18	U	17	U	18	U	17	U	17	U	17	U	18	U	17	U
Aroclor 1260	1,000	329		8.2	U	58.9		52.1		90.2		137		275		1450		563		2150		3990		75.9		612	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Notes:
 Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
 MCCs refer to 40 Code of Federal Regulations (CFR) Part 261, Table 1 - Maximum Contaminant Concentration (MCC) for the Toxicity Characteristic
 TCLP refers to the Toxicity Characteristic Leaching Procedure
 mg/kg - milligrams per kilogram
 U - Undetected
 J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-32 (12-14) 10/22/2008 Result Q	SB-32 (2-4) 10/22/2008 Result Q	SB-32 (6-8) 10/22/2008 Result Q	SB-33 (12-14) 10/22/2008 Result Q	SB-33 (22-24) 10/22/2008 Result Q	SB-33 (28-30) 10/22/2008 Result Q	SB-25 (15-17) 10/24/2008 Result Q	SB-25 (22-23) 10/24/2008 Result Q	SB-25 (30-31) 10/24/2008 Result Q	SB-35 (18-20) 10/23/2008 Result Q	SB-35 (30-31) 10/24/2008 Result Q
VOCs (ppb)												
Acetone	500,000	160 U	2.6 U	65.4	7800 U	3.1 U	1500 U	200 U	160 U	1500 U	140 U	150 U
Benzene	44,000	27 U	0.43 U	0.42 U	1300 U	0.51 U	240 U	664	57 J	263 J	24 U	24 U
Bromodichloromethane	NS	20 U	0.32 U	0.31 U	940 U	0.38 U	180 U	24 U	20 U	190 U	17 U	18 U
Bromoform	NS	25 U	0.41 U	0.4 U	1200 U	0.49 U	230 U	30 U	25 U	240 U	23 U	23 U
Bromomethane	NS	67 U	1.1 U	1 U	3200 U	1.3 U	600 U	80 U	67 U	630 U	59 U	61 U
2-Butanone (MEK)	500,000	170 U	2.7 U	21.8	8000 U	3.2 U	1500 U	200 U	170 U	1600 U	150 U	150 U
Carbon disulfide	NS	38 U	0.61 U	2.5 J	1800 U	0.73 U	340 U	46 U	38 U	360 U	34 U	35 U
Carbon tetrachloride	22,000	71 U	1.1 U	1.1 U	3400 U	1.4 U	630 U	85 U	71 U	670 U	63 U	65 U
Chlorobenzene	500,000	22 U	0.36 U	0.35 U	1100 U	0.43 U	200 U	27 U	23 U	210 U	20 U	20 U
Chloroethane	350,000	51 U	0.83 U	0.8 U	2500 U	0.99 U	460 U	62 U	52 U	490 U	46 U	47 U
Chloroform	NS	35 U	0.57 U	0.55 U	1700 U	0.68 U	310 U	42 U	35 U	330 U	31 U	32 U
Chloromethane	NS	53 U	0.87 U	0.84 U	2600 U	1 U	480 U	64 U	54 U	500 U	48 U	49 U
Dibromochloromethane	NS	20 U	0.33 U	0.32 U	970 U	0.39 U	180 U	24 U	20 U	190 U	18 U	19 U
1,1-Dichloroethane	240,000	30 U	0.48 U	0.46 U	1400 U	0.57 U	270 U	36 U	30 U	280 U	26 U	27 U
1,2-Dichloroethane	30,000	32 U	0.53 U	0.51 U	1500 U	0.62 U	290 U	39 U	33 U	310 U	29 U	30 U
1,1-Dichloroethene	500,000	40 U	0.64 U	0.62 U	1900 U	0.76 U	350 U	48 U	40 U	370 U	35 U	36 U
cis-1,2-Dichloroethene	500,000	27 U	0.44 U	0.43 U	1300 U	0.53 U	240 U	33 U	27 U	260 U	24 U	25 U
trans-1,2-Dichloroethene	500,000	24 U	0.39 U	0.38 U	1200 U	0.47 U	220 U	29 U	24 U	230 U	22 U	22 U
1,2-Dichloroethene (total)	NS	24 U	0.39 U	0.38 U	1200 U	0.47 U	220 U	29 U	24 U	230 U	22 U	22 U
1,2-Dichloropropane	NS	30 U	0.48 U	0.46 U	1400 U	0.57 U	270 U	36 U	30 U	280 U	26 U	27 U
cis-1,3-Dichloropropene	NS	18 U	0.3 U	0.29 U	880 U	0.35 U	160 U	22 U	18 U	170 U	16 U	17 U
trans-1,3-Dichloropropene	NS	19 U	0.31 U	0.29 U	900 U	0.36 U	170 U	23 U	19 U	180 U	17 U	17 U
Ethylbenzene	390,000	1040	0.5 U	0.48 U	7640	2.2	2760	3030	1130	81000	396	67.7 J
2-Hexanone	NS	150 U	2.4 U	2.3 U	7000 U	2.8 U	1300 U	170 U	150 U	1400 U	130 U	130 U
Methyl Tert Butyl Ether	500,000	27 U	0.43 U	0.42 U	1300 U	1.4 J	240 U	32 U	27 U	250 U	24 U	24 U
4-Methyl-2-pentanone(MIBK)	NS	180 U	2.9 U	2.8 U	8700 U	3.5 U	1600 U	220 U	180 U	1700 U	160 U	160 U
Methylene chloride	500,000	22 U	0.36 U	0.34 U	1100 U	1.7 J	200 U	26 U	22 U	210 U	20 U	20 U
Styrene	NS	22 U	0.35 U	0.34 U	1000 U	0.42 U	190 U	26 U	22 U	200 U	19 U	20 U
1,1,2,2-Tetrachloroethane	NS	19 U	0.31 U	0.3 U	920 U	0.37 U	170 U	23 U	19 U	180 U	17 U	17 U
Tetrachloroethene	150,000	35 U	0.57 U	0.55 U	1700 U	0.68 U	320 U	42 U	35 U	330 U	31 U	32 U
Toluene	500,000	25 U	0.4 U	5.8	1200 U	0.72 J	220 U	150	25.8 J	8040	22 U	23 U
1,1,1-Trichloroethane	500,000	40 U	0.65 U	0.62 U	1900 U	0.77 U	360 U	48 U	40 U	380 U	35 U	36 U
1,1,2-Trichloroethane	NS	19 U	0.31 U	0.3 U	920 U	0.37 U	170 U	23 U	19 U	180 U	17 U	18 U
Trichloroethene	200,000	22 U	0.36 U	0.35 U	1100 U	0.43 U	200 U	27 U	22 U	210 U	20 U	20 U
Vinyl chloride	13,000	48 U	0.78 U	0.75 U	2300 U	0.92 U	430 U	58 U	48 U	450 U	43 U	44 U
Xylene (total)	500,000	205	0.37 U	1.2 J	41700	3.1	5240	5000	1210	135000	840	196
Total VOCs		1245	0.0	31	49,340	7.7	8,000	8,844	2,423	224,303	1,236	264

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of
New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil
Cleanup Objectives (RUSCOs) for Commercial Facilities;
exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-35 (8-10) 10/23/2008 Result Q	SB32-(27.5-28) 10/23/2008 Result Q	SB35-(2-4) 10/23/2008 Result Q	MW-18 (12-13) 10/27/2008 Result Q	MW-18 (20-21) 10/27/2008 Result Q	MW-18 (23-24) 10/27/2008 Result Q	MW-18 (28-29) 10/27/2008 Result Q	SB-27 (17-18) 10/27/2008 Result Q	SB-27 (22-23) 10/27/2008 Result Q	SB-37 (12-13) 10/29/2008 Result Q	SB-37 (17-18) 10/29/2008 Result Q
VOCs (ppb)												
Acetone	500,000	3.2 U	150 U	2.9 U	5.4 U	220 U	170 U	5.2 U	170 U	200 U	3.3 U	6.7 U
Benzene	44,000	0.52 U	24 U	0.47 U	0.88 U	101	424	0.85 U	104	906	0.54 U	6.1
Bromodichloromethane	NS	0.38 U	18 U	0.35 U	0.65 U	26 U	20 U	0.63 U	21 U	24 U	0.4 U	0.81 U
Bromoform	NS	0.5 U	23 U	0.44 U	0.83 U	34 U	26 U	0.81 U	27 U	31 U	0.51 U	1 U
Bromomethane	NS	1.3 U	60 U	1.2 U	2.2 U	89 U	68 U	2.1 U	70 U	82 U	1.4 U	2.8 U
2-Butanone (MEK)	500,000	3.3 U	150 U	2.9 U	5.5 U	220 U	170 U	5.3 U	180 U	210 U	3.4 U	6.9 U
Carbon disulfide	NS	0.74 U	34 U	0.66 U	6.9 J	51 U	59.8 J	2.3 J	40 U	47 U	0.77 U	1.6 U
Carbon tetrachloride	22,000	1.4 U	64 U	1.2 U	2.3 U	95 U	72 U	2.3 U	74 U	87 U	1.4 U	2.9 U
Chlorobenzene	500,000	0.44 U	20 U	0.39 U	0.74 U	30 U	23 U	0.71 U	24 U	28 U	0.46 U	0.93 U
Chloroethane	350,000	1 U	47 U	0.9 U	1.7 U	69 U	52 U	1.6 U	54 U	63 U	1 U	2.1 U
Chloroform	NS	0.69 U	32 U	0.62 U	1.2 U	47 U	36 U	1.1 U	37 U	43 U	0.71 U	1.4 U
Chloromethane	NS	1 U	49 U	0.94 U	1.8 U	71 U	54 U	1.7 U	56 U	66 U	1.1 U	2.2 U
Dibromochloromethane	NS	0.4 U	18 U	0.36 U	0.67 U	27 U	21 U	0.65 U	21 U	25 U	0.41 U	0.84 U
1,1-Dichloroethane	240,000	0.58 U	27 U	0.52 U	0.98 U	40 U	30 U	0.94 U	31 U	36 U	0.6 U	1.2 U
1,2-Dichloroethane	30,000	0.63 U	29 U	0.57 U	1.1 U	43 U	33 U	1 U	34 U	40 U	0.66 U	1.3 U
1,1-Dichloroethene	500,000	0.77 U	36 U	0.69 U	1.3 U	53 U	40 U	1.3 U	42 U	49 U	0.8 U	1.6 U
cis-1,2-Dichloroethene	500,000	0.53 U	25 U	0.48 U	0.9 U	37 U	28 U	0.87 U	29 U	34 U	0.55 U	1.1 U
trans-1,2-Dichloroethene	500,000	0.48 U	22 U	0.43 U	0.8 U	32 U	25 U	0.77 U	26 U	30 U	0.49 U	1 U
1,2-Dichloroethene (total)	NS	0.48 U	22 U	0.43 U	0.8 U	32 U	25 U	0.77 U	26 U	30 U	0.49 U	1 U
1,2-Dichloropropane	NS	0.58 U	27 U	0.52 U	0.98 U	40 U	30 U	0.94 U	31 U	36 U	0.6 U	1.2 U
cis-1,3-Dichloropropene	NS	0.36 U	17 U	0.32 U	0.61 U	25 U	19 U	0.58 U	19 U	23 U	0.37 U	0.76 U
trans-1,3-Dichloropropene	NS	0.37 U	17 U	0.33 U	0.62 U	25 U	19 U	0.6 U	20 U	23 U	0.38 U	0.78 U
Ethylbenzene	390,000	0.6 U	28 U	0.54 U	1 U	472	2230	5	4020	1560	0.89 J	162
2-Hexanone	NS	2.8 U	130 U	2.5 U	4.8 U	190 U	150 U	4.6 U	150 U	180 U	2.9 U	6 U
Methyl Tert Butyl Ether	500,000	0.52 U	24 U	0.47 U	0.88 U	36 U	27 U	0.85 U	28 U	33 U	0.54 U	1.1 U
4-Methyl-2-pentanone(MIBK)	NS	3.5 U	160 U	3.2 U	6 U	240 U	180 U	5.7 U	190 U	220 U	3.7 U	7.5 U
Methylene chloride	500,000	0.43 U	20 U	0.39 U	0.72 U	29 U	22 U	0.7 U	23 U	27 U	0.45 U	0.91 U
Styrene	NS	0.42 U	20 U	0.38 U	0.71 U	29 U	22 U	0.69 U	23 U	27 U	0.44 U	0.9 U
1,1,2,2-Tetrachloroethane	NS	0.37 U	17 U	0.34 U	0.63 U	26 U	19 U	0.61 U	20 U	24 U	0.39 U	0.79 U
Tetrachloroethene	150,000	0.69 U	32 U	0.62 U	1.2 U	47 U	36 U	1.1 U	37 U	43 U	0.71 U	1.5 U
Toluene	500,000	0.49 U	23 U	0.44 U	0.82 U	33 U	61.2 J	0.79 U	160	61.3 J	0.62 J	5.7
1,1,1-Trichloroethane	500,000	0.78 U	36 U	0.7 U	1.3 U	53 U	40 U	1.3 U	42 U	49 U	0.81 U	1.6 U
1,1,2-Trichloroethane	NS	0.38 U	17 U	0.34 U	0.64 U	26 U	20 U	0.61 U	20 U	24 U	0.39 U	0.8 U
Trichloroethene	200,000	0.43 U	20 U	0.39 U	0.73 U	30 U	23 U	0.7 U	23 U	27 U	0.45 U	0.92 U
Vinyl chloride	13,000	0.94 U	43 U	0.84 U	1.6 U	64 U	49 U	1.5 U	50 U	59 U	0.97 U	2 U
Xylene (total)	500,000	0.44 U	48.9 J	0.4 U	2 J	549	3190	6.6	5220	2500	2.3 J	132
Total VOCs		0.0	77	0.0	8.9	1,122	5,844	14	9,504	5,027	3.8	306

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-37 (20-21) 10/29/2008 Result Q	SB-37 (27-28) 10/29/2008 Result Q	DUPLICATE 10/30/2008 Result Q	MW-22 (12-13) 10/31/2008 Result Q	MW-22 (17.5-18.5) 10/31/2008 Result Q	MW-22 (18.5-19) 10/31/2008 Result Q	MW-22 (2-4) 10/31/2008 Result Q	SB-26 (13-14.5) 10/30/2008 Result Q	SB-26 (19-21) 10/30/2008 Result Q	SB-26 (31-32) 10/30/2008 Result Q	SB-26 (35-36) 10/30/2008 Result Q
VOCs (ppb)												
Acetone	500,000	160 U	130 U	760 U	850 U	830 U	210 U	140 U	150 U	790 U	16 U	120 U
Benzene	44,000	25 U	21 U	2850	151 J	3210	9200	22.8 J	25 U	2880	2.6 U	20 U
Bromodichloromethane	NS	19 U	16 U	92 U	100 U	100 U	25 U	16 U	18 U	95 U	1.9 U	15 U
Bromoform	NS	24 U	20 U	120 U	130 U	130 U	33 U	21 U	24 U	120 U	2.5 U	19 U
Bromomethane	NS	64 U	54 U	310 U	350 U	340 U	86 U	55 U	62 U	320 U	6.5 U	51 U
2-Butanone (MEK)	500,000	160 U	130 U	780 U	870 U	850 U	220 U	140 U	160 U	810 U	16 U	130 U
Carbon disulfide	NS	36 U	30 U	180 U	200 U	190 U	49 U	32 U	35 U	180 U	3.7 U	29 U
Carbon tetrachloride	22,000	68 U	57 U	330 U	370 U	360 U	92 U	59 U	66 U	340 U	6.9 U	54 U
Chlorobenzene	500,000	22 U	18 U	110 U	120 U	110 U	29 U	19 U	21 U	110 U	2.2 U	17 U
Chloroethane	350,000	49 U	41 U	240 U	270 U	260 U	67 U	43 U	48 U	250 U	5 U	39 U
Chloroform	NS	34 U	28 U	160 U	180 U	180 U	45 U	29 U	33 U	170 U	3.4 U	27 U
Chloromethane	NS	51 U	43 U	250 U	280 U	270 U	69 U	45 U	50 U	260 U	5.2 U	41 U
Dibromochloromethane	NS	19 U	16 U	95 U	110 U	100 U	26 U	17 U	19 U	99 U	2 U	16 U
1,1-Dichloroethane	240,000	28 U	24 U	140 U	150 U	150 U	38 U	25 U	28 U	140 U	2.9 U	23 U
1,2-Dichloroethane	30,000	31 U	26 U	150 U	170 U	160 U	42 U	27 U	30 U	160 U	3.1 U	25 U
1,1-Dichloroethene	500,000	38 U	32 U	190 U	210 U	200 U	51 U	33 U	37 U	190 U	3.8 U	30 U
cis-1,2-Dichloroethene	500,000	26 U	22 U	130 U	140 U	140 U	35 U	23 U	25 U	130 U	2.7 U	21 U
trans-1,2-Dichloroethene	500,000	23 U	20 U	110 U	130 U	120 U	31 U	20 U	23 U	120 U	2.4 U	19 U
1,2-Dichloroethene (total)	NS	23 U	20 U	110 U	130 U	120 U	31 U	20 U	23 U	120 U	2.4 U	19 U
1,2-Dichloropropane	NS	28 U	24 U	140 U	150 U	150 U	38 U	25 U	28 U	140 U	2.9 U	23 U
cis-1,3-Dichloropropene	NS	18 U	15 U	86 U	96 U	94 U	24 U	15 U	17 U	89 U	1.8 U	14 U
trans-1,3-Dichloropropene	NS	18 U	15 U	88 U	98 U	96 U	24 U	16 U	18 U	91 U	1.8 U	14 U
Ethylbenzene	390,000	58.2 J	523	37100	41900	124000	6830	50 J	5210	35000	19.3	23 U
2-Hexanone	NS	140 U	120 U	680 U	760 U	740 U	190 U	120 U	140 U	700 U	14 U	110 U
Methyl Tert Butyl Ether	500,000	26 U	22 U	130 U	140 U	140 U	35 U	22 U	25 U	130 U	2.6 U	20 U
4-Methyl-2-pentanone(MIBK)	NS	170 U	150 U	850 U	940 U	920 U	230 U	150 U	170 U	880 U	18 U	140 U
Methylene chloride	500,000	21 U	18 U	100 U	110 U	110 U	28 U	18 U	20 U	110 U	2.1 U	17 U
Styrene	NS	21 U	17 U	100 U	110 U	110 U	28 U	18 U	20 U	110 U	2.1 U	17 U
1,1,2,2-Tetrachloroethane	NS	18 U	15 U	90 U	100 U	97 U	25 U	16 U	18 U	93 U	1.9 U	15 U
Tetrachloroethene	150,000	34 U	28 U	160 U	180 U	180 U	46 U	502	33 U	170 U	3.4 U	27 U
Toluene	500,000	24 U	20 U	1210	10100	15400	3260	94.8	55.4 J	1220	2.4 U	19 U
1,1,1-Trichloroethane	500,000	38 U	32 U	190 U	210 U	200 U	52 U	33 U	37 U	190 U	3.9 U	30 U
1,1,2-Trichloroethane	NS	18 U	16 U	90 U	100 U	98 U	25 U	16 U	18 U	93 U	1.9 U	15 U
Trichloroethene	200,000	21 U	18 U	100 U	120 U	110 U	29 U	18 U	21 U	110 U	2.2 U	17 U
Vinyl chloride	13,000	46 U	38 U	220 U	250 U	240 U	62 U	40 U	45 U	230 U	4.7 U	37 U
Xylene (total)	500,000	236	1560	70000	191000	466000	21600	169	9080	66000	58.7	17 U
Total VOCs		294	2,083	111,160	243,151	608,610	40,890	337	14,345	105,100	78	0.0

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
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J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-26 (9-11.5) 10/30/2008 Result Q	DUPLICATE 2 11/3/2008 Result Q	SB-30(18-19) 11/3/2008 Result Q	SB-30(2-4) 11/3/2008 Result Q	SB-30(23-24) 11/3/2008 Result Q	SB-30(32-33) 11/3/2008 Result Q	SB-30(5-6) 11/3/2008 Result Q	SB-31(18-19') 11/5/2008 Result Q	SB-31(2-4') 11/4/2008 Result Q	SB-31(21-22') 11/5/2008 Result Q	SB-31(30-31) 11/5/2008 Result Q
VOCs (ppb)												
Acetone	500,000	160 U	49.5	13 U	53.8	160 U	4.3 U	2.6 U	170 U	2.4 U	1400 U	140 U
Benzene	44,000	30.5 J	0.48 U	2.2 U	0.42 U	25 U	52.7	0.42 U	64.1 J	0.4 U	449 J	4370
Bromodichloromethane	NS	19 U	0.36 U	1.6 U	0.31 U	19 U	0.52 U	0.31 U	20 U	0.29 U	170 U	17 U
Bromoform	NS	24 U	0.46 U	2.1 U	0.4 U	24 U	0.67 U	0.4 U	26 U	0.38 U	220 U	21 U
Bromomethane	NS	64 U	1.2 U	5.5 U	1.1 U	64 U	1.8 U	1.1 U	69 U	1 U	580 U	56 U
2-Butanone (MEK)	500,000	160 U	3 U	14 U	2.6 U	160 U	4.4 U	2.6 U	170 U	2.5 U	1500 U	140 U
Carbon disulfide	NS	36 U	0.68 U	3.1 U	0.6 U	36 U	1 U	0.6 U	39 U	0.57 U	330 U	32 U
Carbon tetrachloride	22,000	68 U	1.3 U	5.8 U	1.1 U	67 U	1.9 U	1.1 U	74 U	1.1 U	620 U	60 U
Chlorobenzene	500,000	22 U	0.41 U	1.8 U	0.36 U	21 U	0.6 U	0.35 U	23 U	0.34 U	200 U	19 U
Chloroethane	350,000	49 U	0.93 U	4.2 U	0.82 U	49 U	1.4 U	0.81 U	54 U	0.77 U	450 U	43 U
Chloroform	NS	34 U	0.63 U	2.9 U	0.56 U	33 U	0.93 U	0.55 U	37 U	0.53 U	310 U	30 U
Chloromethane	NS	51 U	0.97 U	4.4 U	0.85 U	51 U	1.4 U	0.84 U	56 U	0.8 U	470 U	45 U
Dibromochloromethane	NS	20 U	0.37 U	1.7 U	0.32 U	19 U	0.54 U	0.32 U	21 U	0.3 U	180 U	17 U
1,1-Dichloroethane	240,000	28 U	0.54 U	2.4 U	0.47 U	28 U	0.79 U	0.47 U	31 U	0.44 U	260 U	25 U
1,2-Dichloroethane	30,000	31 U	0.58 U	2.7 U	0.51 U	31 U	0.86 U	0.51 U	34 U	0.48 U	280 U	27 U
1,1-Dichloroethene	500,000	38 U	0.71 U	3.3 U	0.63 U	38 U	1.1 U	0.62 U	41 U	0.59 U	350 U	33 U
cis-1,2-Dichloroethene	500,000	26 U	0.49 U	2.2 U	0.43 U	26 U	0.73 U	0.43 U	28 U	0.41 U	240 U	23 U
trans-1,2-Dichloroethene	500,000	23 U	0.44 U	2 U	0.38 U	23 U	0.65 U	0.38 U	25 U	0.36 U	210 U	20 U
1,2-Dichloroethene (total)	NS	23 U	0.44 U	2 U	0.38 U	23 U	0.65 U	0.38 U	25 U	0.36 U	210 U	20 U
1,2-Dichloropropane	NS	28 U	0.54 U	2.4 U	0.47 U	28 U	0.79 U	0.47 U	31 U	0.44 U	260 U	25 U
cis-1,3-Dichloropropene	NS	18 U	0.33 U	1.5 U	0.29 U	18 U	0.49 U	0.29 U	19 U	0.28 U	160 U	15 U
trans-1,3-Dichloropropene	NS	18 U	0.34 U	1.5 U	0.3 U	18 U	0.5 U	0.3 U	20 U	0.28 U	160 U	16 U
Ethylbenzene	390,000	9420	0.55 U	33	0.49 U	29 U	315	0.48 U	2620	0.46 U	11600	219
2-Hexanone	NS	140 U	2.6 U	12 U	2.3 U	140 U	3.9 U	2.3 U	150 U	2.2 U	1300 U	120 U
Methyl Tert Butyl Ether	500,000	26 U	0.48 U	2.2 U	0.42 U	26 U	1.3 J	0.42 U	28 U	0.4 U	230 U	23 U
4-Methyl-2-pentanone(MIBK)	NS	170 U	3.3 U	15 U	2.9 U	170 U	4.8 U	2.8 U	190 U	2.7 U	1600 U	150 U
Methylene chloride	500,000	21 U	0.4 U	1.8 U	0.35 U	21 U	0.59 U	0.35 U	23 U	0.33 U	190 U	19 U
Styrene	NS	21 U	0.39 U	1.8 U	0.34 U	21 U	0.58 U	0.34 U	23 U	0.32 U	190 U	18 U
1,1,2,2-Tetrachloroethane	NS	18 U	0.35 U	1.6 U	0.3 U	18 U	0.51 U	0.3 U	20 U	0.29 U	170 U	16 U
Tetrachloroethene	150,000	34 U	0.64 U	4.6 J	0.56 U	34 U	0.94 U	0.56 U	37 U	0.53 U	310 U	30 U
Toluene	500,000	235	0.85 J	52	1.1 J	24 U	10.4	0.76 J	272	0.37 U	10800	2390
1,1,1-Trichloroethane	500,000	38 U	0.72 U	3.3 U	0.63 U	38 U	1.1 U	0.63 U	41 U	0.6 U	350 U	34 U
1,1,2-Trichloroethane	NS	19 U	0.35 U	1.6 U	0.31 U	18 U	0.51 U	0.3 U	20 U	0.29 U	170 U	16 U
Trichloroethene	200,000	21 U	0.4 U	1.8 U	0.35 U	21 U	0.59 U	0.35 U	23 U	0.33 U	190 U	19 U
Vinyl chloride	13,000	46 U	0.87 U	3.9 U	0.76 U	46 U	1.3 U	0.75 U	50 U	0.72 U	420 U	40 U
Xylene (total)	500,000	20700	0.41 U	376	0.36 U	22 U	105	0.36 U	10100	0.34 U	63300	1470
Total VOCs		30,386	0.0	468	1.1	0.0	483	0.0	12,992	0.0	85,700	4,079

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-31(7-9') 11/4/2008 Result Q	SB-36(11-13) 11/3/2008 Result Q	SB-36(19-21) 11/3/2008 Result Q	SB-36(2-4) 11/3/2008 Result Q	SB-36(28-29) 11/4/2008 Result Q	SB-29(13-15) 11/5/2008 Result Q	SB-29(19-20) 11/5/2008 Result Q	SB-29(2-4) 11/5/2008 Result Q	SB-34(13-14) 11/6/2008 Result Q	SB-34(14-15) 11/6/2008 Result Q	SB-34(2-4) 11/6/2008 Result Q
VOCs (ppb)												
Acetone	500,000	3200 U	3.1 U	3.4 U	17.8	160 U	17000 U	68000 U	31.6	1200 U	650 U	2.7 U
Benzene	44,000	520 U	0.51 U	0.55 U	0.46 U	26 U	115000	11000 U	4.7	190 U	110 U	1.6
Bromodichloromethane	NS	390 U	0.38 U	0.41 U	0.34 U	19 U	2000 U	8200 U	0.32 U	140 U	79 U	0.33 U
Bromoform	NS	500 U	0.48 U	0.53 U	0.44 U	25 U	2600 U	11000 U	0.41 U	180 U	100 U	0.43 U
Bromomethane	NS	1300 U	1.3 U	1.4 U	1.2 U	65 U	6900 U	28000 U	1.1 U	480 U	270 U	1.1 U
2-Butanone (MEK)	500,000	3300 U	3.2 U	3.5 U	2.9 U	160 U	17000 U	70000 U	2.7 U	1200 U	670 U	2.8 U
Carbon disulfide	NS	740 U	6.7 J	3.1 J	0.66 U	37 U	3900 U	16000 U	1.5 J	270 U	150 U	0.64 U
Carbon tetrachloride	22,000	1400 U	1.4 U	1.5 U	1.2 U	69 U	7300 U	30000 U	1.1 U	510 U	280 U	1.2 U
Chlorobenzene	500,000	440 U	0.43 U	0.47 U	0.39 U	22 U	2300 U	9400 U	0.36 U	160 U	90 U	0.38 U
Chloroethane	350,000	1000 U	0.98 U	1.1 U	0.89 U	50 U	5300 U	21000 U	0.83 U	370 U	210 U	0.87 U
Chloroform	NS	690 U	0.67 U	0.73 U	0.61 U	34 U	3600 U	15000 U	0.56 U	250 U	140 U	0.59 U
Chloromethane	NS	1000 U	1 U	1.1 U	0.93 U	52 U	5500 U	22000 U	0.86 U	380 U	210 U	0.9 U
Dibromochloromethane	NS	400 U	0.39 U	0.42 U	0.35 U	20 U	2100 U	8500 U	0.33 U	150 U	82 U	0.34 U
1,1-Dichloroethane	240,000	580 U	0.57 U	0.62 U	0.52 U	29 U	3100 U	12000 U	0.48 U	210 U	120 U	0.5 U
1,2-Dichloroethane	30,000	640 U	0.62 U	0.67 U	0.56 U	32 U	3300 U	14000 U	0.52 U	230 U	130 U	0.54 U
1,1-Dichloroethene	500,000	780 U	0.76 U	0.82 U	0.69 U	38 U	4100 U	17000 U	0.64 U	280 U	160 U	0.67 U
cis-1,2-Dichloroethene	500,000	540 U	0.52 U	0.57 U	0.47 U	27 U	2800 U	11000 U	0.44 U	200 U	110 U	0.46 U
trans-1,2-Dichloroethene	500,000	480 U	0.46 U	0.5 U	0.42 U	24 U	2500 U	10000 U	0.39 U	170 U	97 U	0.41 U
1,2-Dichloroethene (total)	NS	480 U	0.46 U	0.5 U	0.42 U	24 U	2500 U	10000 U	0.39 U	170 U	97 U	0.41 U
1,2-Dichloropropane	NS	580 U	0.57 U	0.62 U	0.52 U	29 U	3100 U	12000 U	0.48 U	210 U	120 U	0.5 U
cis-1,3-Dichloropropene	NS	360 U	0.35 U	0.38 U	0.32 U	18 U	1900 U	7700 U	0.3 U	130 U	74 U	0.31 U
trans-1,3-Dichloropropene	NS	370 U	0.36 U	0.39 U	0.33 U	18 U	1900 U	7900 U	0.3 U	140 U	76 U	0.32 U
Ethylbenzene	390,000	600 U	2.1	1.4 J	0.53 U	650	78500	87400	2.6	1080	152 J	3.9
2-Hexanone	NS	2900 U	2.8 U	3 U	2.5 U	140 U	15000 U	61000 U	2.3 U	1000 U	580 U	2.4 U
Methyl Tert Butyl Ether	500,000	530 U	0.51 U	0.56 U	0.47 U	26 U	2800 U	11000 U	1.8	190 U	110 U	0.45 U
4-Methyl-2-pentanone(MIBK)	NS	3500 U	3.5 U	3.8 U	3.1 U	180 U	19000 U	75000 U	2.9 U	1300 U	730 U	3 U
Methylene chloride	500,000	430 U	0.42 U	0.46 U	0.38 U	21 U	2300 U	9200 U	0.35 U	160 U	88 U	3.7 J
Styrene	NS	430 U	0.42 U	0.45 U	0.38 U	21 U	2200 U	9100 U	0.35 U	160 U	87 U	0.37 U
1,1,2,2-Tetrachloroethane	NS	380 U	0.37 U	0.4 U	0.33 U	19 U	2000 U	8000 U	0.31 U	140 U	77 U	0.32 U
Tetrachloroethene	150,000	690 U	0.67 U	0.73 U	0.61 U	34 U	3600 U	15000 U	1.3 J	250 U	140 U	1.7 J
Toluene	500,000	490 U	0.48 U	0.52 U	0.43 U	24 U	41500	288000	24.3	180 U	100 U	12.8
1,1,1-Trichloroethane	500,000	780 U	0.76 U	0.83 U	0.69 U	39 U	4100 U	17000 U	0.64 U	290 U	160 U	0.67 U
1,1,2-Trichloroethane	NS	380 U	0.37 U	0.4 U	0.34 U	19 U	2000 U	8100 U	0.31 U	140 U	77 U	0.32 U
Trichloroethene	200,000	430 U	0.42 U	0.46 U	0.39 U	22 U	2300 U	9300 U	0.36 U	160 U	89 U	0.37 U
Vinyl chloride	13,000	940 U	0.92 U	0.99 U	0.83 U	47 U	4900 U	20000 U	0.77 U	340 U	190 U	0.81 U
Xylene (total)	500,000	2200 J	3.8	1.5 J	0.39 U	868	158000	368000	12.7	1330	91 U	17.2
Total VOCs		2,200	13	6.0	0.0	1,518	278,000	743,400	42.4	2,410	91	34

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-34(6-7) 11/6/2008	SB-34(27-29) 11/6/2008	SB-38(12-13) 11/6/2008	SB-38(18-19) 11/6/2008	SB-38(2-4) 11/6/2008	DUPLICATE 3 11/7/2008	SB-40 (2-4) 11/7/2008	SB-40 (20-21) 11/7/2008	SB-40 (26-27) 11/7/2008	SB-40 (30.5-31) 11/7/2008	SB-40 (5-7) 11/7/2008
VOCs (ppb)												
Acetone	500,000	130 U	NA	8400 U	230 U	12000 U	21.2	26.7	24.2 J	7800 U	10 U	2.6 U
Benzene	44,000	27.4 J	NA	2920 J	21000	1900 U	0.41 U	0.44 U	246	14800	527	0.49 J
Bromodichloromethane	NS	16 U	NA	1000 U	28 U	1400 U	0.3 U	0.32 U	1.4 U	950 U	1.2 U	0.31 U
Bromoform	NS	21 U	NA	1300 U	36 U	1800 U	0.39 U	0.41 U	1.8 U	1200 U	1.6 U	0.4 U
Bromomethane	NS	55 U	NA	3400 U	95 U	4800 U	1 U	1.1 U	4.8 U	3200 U	4.1 U	1.1 U
2-Butanone (MEK)	500,000	140 U	NA	8600 U	240 U	12000 U	2.6 U	2.7 U	12 U	8100 U	10 U	2.6 U
Carbon disulfide	NS	31 U	NA	1900 U	54 U	2800 U	0.59 U	0.62 U	2.7 U	1800 U	2.3 U	0.6 U
Carbon tetrachloride	22,000	58 U	NA	3600 U	100 U	5100 U	1.1 U	1.2 U	5.1 U	3400 U	4.4 U	1.1 U
Chlorobenzene	500,000	18 U	NA	1200 U	32 U	1600 U	0.35 U	0.37 U	1.6 U	1100 U	1.4 U	0.36 U
Chloroethane	350,000	42 U	NA	2600 U	73 U	3700 U	0.8 U	0.84 U	3.7 U	2500 U	3.2 U	0.81 U
Chloroform	NS	29 U	NA	1800 U	50 U	2500 U	0.54 U	0.57 U	2.5 U	1700 U	2.2 U	0.56 U
Chloromethane	NS	44 U	NA	2700 U	76 U	3900 U	0.83 U	0.87 U	3.8 U	2600 U	3.3 U	0.85 U
Dibromochloromethane	NS	17 U	NA	1000 U	29 U	1500 U	0.32 U	0.33 U	1.5 U	980 U	1.3 U	0.32 U
1,1-Dichloroethane	240,000	24 U	NA	1500 U	42 U	2200 U	0.46 U	0.48 U	2.1 U	1400 U	1.8 U	0.47 U
1,2-Dichloroethane	30,000	27 U	NA	1700 U	46 U	2400 U	0.5 U	0.53 U	2.3 U	1600 U	2 U	0.51 U
1,1-Dichloroethene	500,000	32 U	NA	2000 U	56 U	2900 U	0.61 U	0.65 U	2.8 U	1900 U	2.4 U	0.63 U
cis-1,2-Dichloroethene	500,000	22 U	NA	1400 U	39 U	2000 U	0.42 U	0.45 U	1.9 U	1300 U	1.7 U	0.43 U
trans-1,2-Dichloroethene	500,000	20 U	NA	1200 U	35 U	1800 U	0.38 U	0.4 U	1.7 U	1200 U	1.5 U	0.38 U
1,2-Dichloroethene (total)	NS	20 U	NA	1200 U	35 U	1800 U	0.38 U	0.4 U	1.7 U	1200 U	1.5 U	0.38 U
1,2-Dichloropropane	NS	24 U	NA	1500 U	42 U	2200 U	0.46 U	0.48 U	2.1 U	1400 U	1.8 U	0.47 U
cis-1,3-Dichloropropene	NS	15 U	NA	940 U	26 U	1300 U	0.28 U	0.3 U	1.3 U	890 U	1.1 U	0.29 U
trans-1,3-Dichloropropene	NS	15 U	NA	970 U	27 U	1400 U	0.29 U	0.31 U	1.3 U	910 U	1.2 U	0.3 U
Ethylbenzene	390,000	51.2 J	NA	38800	6600	3520 J	0.47 U	0.5 U	912	16100	35.5	1.1 J
2-Hexanone	NS	120 U	NA	7500 U	210 U	11000 U	2.3 U	2.4 U	10 U	7000 U	9 U	2.3 U
Methyl Tert Butyl Ether	500,000	22 U	NA	1400 U	38 U	1900 U	4.8	4.9	23.8	1300 U	1.7 U	1.2
4-Methyl-2-pentanone(MIBK)	NS	150 U	NA	9300 U	260 U	13000 U	2.8 U	3 U	13 U	8700 U	11 U	2.9 U
Methylene chloride	500,000	18 U	NA	1100 U	31 U	1600 U	0.34 U	0.36 U	1.6 U	1100 U	1.4 U	0.35 U
Styrene	NS	18 U	NA	1100 U	31 U	1600 U	0.34 U	0.35 U	1.5 U	1000 U	1.3 U	0.34 U
1,1,1,2-Tetrachloroethane	NS	16 U	NA	980 U	27 U	1400 U	0.3 U	0.31 U	1.4 U	920 U	1.2 U	0.3 U
Tetrachloroethene	150,000	29 U	NA	1800 U	50 U	2600 U	0.55 U	0.58 U	2.5 U	1700 U	2.2 U	0.74 J
Toluene	500,000	60.2 J	NA	1300 U	4910	11200	0.39 U	0.41 U	3230	56100	309	2
1,1,1-Trichloroethane	500,000	33 U	NA	2000 U	57 U	2900 U	0.62 U	0.65 U	2.8 U	1900 U	2.5 U	0.63 U
1,1,2-Trichloroethane	NS	16 U	NA	990 U	27 U	1400 U	0.3 U	0.32 U	1.4 U	930 U	1.2 U	0.31 U
Trichloroethene	200,000	18 U	NA	1100 U	32 U	1600 U	0.34 U	0.36 U	1.6 U	1100 U	1.4 U	0.35 U
Vinyl chloride	13,000	39 U	NA	2500 U	68 U	3500 U	0.74 U	0.78 U	3.4 U	2300 U	3 U	0.76 U
Xylene (total)	500,000	124	NA	164000	28700	13800	0.35 U	0.37 U	16400	101000	194	3.9
Total VOCs		235	NA	202,800	40,210	28,520	4.8	4.9	20,566	173,200	539	7.0

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of
New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil
Cleanup Objectives (RUSCOs) for Commercial Facilities;
exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory Objectives RUSCOs	SB-32 (12-14)	SB-32 (2-4)	SB-32 (6-8)	SB-33 (12-14)	SB-33 (22-24)	SB-33 (28-30)	SB-25 (15-17)	SB-25 (22-23)	SB-25 (30-31)	SB-35 (18-20)	SB-35 (30-31)	SB-35 (8-10)	SB32-(27.5-28)	SB35-(2-4)	MW-18 (12-13)	MW-18 (20-21)																		
Sample Date		10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/24/2008	10/24/2008	10/24/2008	10/23/2008	10/24/2008	10/23/2008	10/23/2008	10/23/2008	10/27/2008	10/27/2008																		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q																
SVOCs (ppb)																																			
2-Chlorophenol	NS	200	U	190	U	180	U	190	U	33	U	32	U	39	U	36	U	32	U	190	U	33	U	34	U	32	U	31	U	35	U	43	U		
4-Chloro-3-methyl phenol	NS	290	U	270	U	270	U	280	U	48	U	47	U	57	U	52	U	47	U	280	U	48	U	50	U	47	U	45	U	52	U	62	U		
2,4-Dichlorophenol	NS	250	U	240	U	230	U	240	U	41	U	41	U	49	U	45	U	40	U	240	U	41	U	43	U	41	U	38	U	44	U	54	U		
2,4-Dimethylphenol	NS	290	U	280	U	270	U	280	U	48	U	48	U	327		53	U	47	U	290	U	49	U	50	U	48	U	45	U	52	U	1600			
2,4-Dinitrophenol	NS	2600	U	2400	U	2400	U	2500	U	430	U	420	U	510	U	470	U	420	U	2500	U	430	U	440	U	440	U	420	U	400	U	460	U	560	U
4,6-Dinitro-o-cresol	NS	250	U	240	U	240	U	240	U	42	U	41	U	50	U	46	U	41	U	250	U	42	U	44	U	41	U	39	U	45	U	55	U		
2-Methylphenol	500,000	260	U	240	U	240	U	250	U	43	U	42	U	51	U	47	U	42	U	250	U	43	U	44	U	44	U	42	U	40	U	46	U	56	U
3&4-Methylphenol	NS	320	U	300	U	300	U	310	U	53	U	52	U	63	U	58	U	52	U	310	U	53	U	55	U	52	U	49	U	57	U	69	U		
2-Nitrophenol	NS	250	U	240	U	230	U	240	U	42	U	41	U	49	U	45	U	41	U	250	U	42	U	43	U	41	U	39	U	45	U	54	U		
4-Nitrophenol	NS	300	U	290	U	290	U	300	U	51	U	50	U	60	U	55	U	50	U	300	U	51	U	53	U	50	U	47	U	55	U	66	U		
Pentachlorophenol	6,700	310	U	290	U	290	U	300	U	51	U	50	U	60	U	56	U	50	U	300	U	51	U	53	U	51	U	48	U	55	U	66	U		
Phenol	500,000	180	U	170	U	170	U	170	U	30	U	30	U	35	U	33	U	29	U	180	U	30	U	31	U	30	U	28	U	32	U	39	U		
2,4,5-Trichlorophenol	NS	260	U	240	U	240	U	250	U	43	U	42	U	51	U	47	U	42	U	250	U	43	U	44	U	44	U	42	U	40	U	46	U	56	U
2,4,6-Trichlorophenol	NS	320	U	300	U	300	U	310	U	53	U	52	U	62	U	57	U	52	U	310	U	53	U	55	U	52	U	49	U	57	U	68	U		
Acenaphthene	500,000	20900		740		1510		99300		9210		69100		2810		485		76900		201000		1050		22	U	520		702		133		455			
Acenaphthylene	500,000	1340		1430		3130		1640		142		658		86.2		19	U	1020		2430		218		18	U	17	U	71.7		45.6		22	U		
Anthracene	500,000	23200		2710		5480		36400		6360		32400		764		108		22800		82200		1370		18	U	247		1160		142		194			
Benzo(a)anthracene	5,600	17700		10200		19500		9570		5520		3300		330		55.9		4450		19400		990		25	U	65.5		3040		153		47	J		
Benzo(a)pyrene	1,000	13500		11700		23500		4520		4650		1510		247		40.7	J	1540		9140		842		17	U	30.5	J	2800		165		24.1	J		
Benzo(b)fluoranthene	5,600	14500		11400		19800		4100		4600		1720		322		40.3	J	2590		10200		1030		22	U	21	U	2600		168		41.6	J		
Benzo(g,h,i)perylene	500,000	7120		8640		16700		1860		2630		605		240		47		641		4380		1080		20	U	19	U	952		111		25	U		
Benzo(k)fluoranthene	56,000	6710		7090		17000		3540		3370		819		159		30.4	J	1160		5360		431		21	U	20	U	3290		104		32.9	J		
4-Bromophenyl phenyl ether	NS	130	U	120	U	120	U	130	U	22	U	21	U	26	U	24	U	21	U	130	U	22	U	22	U	21	U	20	U	23	U	28	U		
Butyl benzyl phthalate	NS	120	U	110	U	110	U	110	U	20	U	19	U	23	U	21	U	19	U	120	U	20	U	20	U	19	U	189		21	U	26	U		
2-Chloronaphthalene	NS	110	U	100	U	99	U	100	U	18	U	17	U	21	U	19	U	17	U	100	U	18	U	18	U	17	U	16	U	19	U	23	U		
4-Chloroaniline	NS	96	U	92	U	91	U	94	U	16	U	16	U	19	U	18	U	16	U	95	U	16	U	17	U	16	U	15	U	17	U	21	U		
Carbazole	NS	4940		555		1530		7810		2870		3570		241		50.9	J	6230		32800		1360		17	U	79.6		726		39.7	J	79.4	J		
Chrysene	56,000	15700		9350		17700		7820		5100		2690		403		78.4		4970		19000		1060		31.1	J	65		3210		180		92.1			
bis(2-Chloroethoxy)methane	NS	120	U	110	U	110	U	120	U	20	U	19	U	23	U	21	U	19	U	120	U	20	U	20	U	19	U	18	U	21	U	26	U		
bis(2-Chloroethyl)ether	NS	110	U	110	U	110	U	110	U	19	U	18	U	22	U	20	U	18	U	110	U	19	U	19	U	19	U	17	U	20	U	24	U		
bis(2-Chloroisopropyl)ether	NS	120	U	120	U	120	U	120	U	21	U	20	U	24	U	22	U	20	U	120	U	21	U	21	U	20	U	19	U	22	U	27	U		

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
SVOCs - Semi-volatile organic carbons
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory Objectives RUSCOs	SB-32 (12-14)	SB-32 (2-4)	SB-32 (6-8)	SB-33 (12-14)	SB-33 (22-24)	SB-33 (28-30)	SB-25 (15-17)	SB-25 (22-23)	SB-25 (30-31)	SB-35 (18-20)	SB-35 (30-31)	SB-35 (8-10)	SB32-(27.5-28)	SB35-(2-4)	MW-18 (12-13)	MW-18 (20-21)	
Sample Date		10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/24/2008	10/24/2008	10/24/2008	10/23/2008	10/24/2008	10/23/2008	10/23/2008	10/23/2008	10/27/2008	10/27/2008	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
SVOCs (ppb)																		
4-Chlorophenyl phenyl ether	NS	160	U	150	U	150	U	150	U	26	U	26	U	31	U	29	U	
1,2-Dichlorobenzene	500,000	130	U	120	U	120	U	120	U	21	U	21	U	25	U	23	U	
1,3-Dichlorobenzene	280,000	98	U	93	U	92	U	95	U	16	U	16	U	19	U	18	U	
1,4-Dichlorobenzene	130,000	91	U	87	U	86	U	89	U	15	U	15	U	18	U	15	U	
2,4-Dinitrotoluene	NS	130	U	120	U	120	U	130	U	22	U	21	U	26	U	24	U	
2,6-Dinitrotoluene	NS	110	U	100	U	100	U	100	U	18	U	18	U	21	U	19	U	
3,3'-Dichlorobenzidine	NS	410	U	390	U	390	U	400	U	69	U	68	U	81	U	75	U	
Dibenzo(a,h)anthracene	560	2590		2560		5860		723		987		236		46.7	J	21	U	
Dibenzofuran	350,000	13600		584		1270		72300		7140		56700		927		208		
Di-n-butyl phthalate	NS	150	U	140	U	140	U	140	U	25	U	24	U	29	U	27	U	
Di-n-octyl phthalate	NS	100	U	100	U	99	U	100	U	18	U	17	U	21	U	19	U	
Diethyl phthalate	NS	110	U	100	U	100	U	100	U	18	U	18	U	21	U	19	U	
Dimethyl phthalate	NS	110	U	110	U	110	U	110	U	19	U	19	U	22	U	21	U	
bis(2-Ethylhexyl)phthalate	NS	120	U	120	U	120	U	120	U	21	U	20	U	24	U	23	U	
Fluoranthene	500,000	65300		15600		36100		62000		16500		27300		1450		218		
Fluorene	500,000	23400		774		1710		68100		7510		52700		949		157		
Hexachlorobenzene	6,000	130	U	130	U	130	U	130	U	23	U	22	U	27	U	25	U	
Hexachlorobutadiene	NS	110	U	110	U	110	U	110	U	19	U	19	U	21	U	21	U	
Hexachlorocyclopentadiene	NS	220	U	210	U	210	U	220	U	37	U	37	U	44	U	41	U	
Hexachloroethane	NS	150	U	150	U	140	U	150	U	26	U	25	U	30	U	28	U	
Indeno(1,2,3-cd)pyrene	5,600	6490		7060		13800		1840		2590		603		162		32	J	
Isophorone	NS	210	U	200	U	200	U	200	U	35	U	34	U	41	U	38	U	
2-Methylnaphthalene	NS	566		302	J	670		61600		6930		61200		852		19	U	
2-Nitroaniline	NS	170	U	170	U	160	U	170	U	29	U	29	U	34	U	32	U	
3-Nitroaniline	NS	96	U	92	U	90	U	94	U	16	U	16	U	19	U	17	U	
4-Nitroaniline	NS	150	U	140	U	140	U	140	U	25	U	24	U	29	U	27	U	
Naphthalene	500,000	1290		603		1410		226000		16400		230000		8610		359		
Nitrobenzene	NS	110	U	100	U	100	U	100	U	18	U	18	U	21	U	19	U	
N-Nitroso-di-n-propylamine	NS	150	U	140	U	140	U	140	U	25	U	24	U	29	U	27	U	
N-Nitrosodiphenylamine	NS	160	U	150	U	150	U	160	U	27	U	26	U	32	U	29	U	
Phenanthrene	500,000	69500		6720		15900		127000		22700		104000		3270		484		
Pyrene	500,000	48400		14500		32200		37400		11100		17200		1190		173		
1,2,4-Trichlorobenzene	NS	120	U	120	U	120	U	356497	U	21	U	20	U	24	U	22	U	
Total SVOCs		356,746		112,518		234,770		833,523		136,309		666,311		23,059		2,568		

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
SVOCs - Semi-volatile organic carbons
µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory Objectives RUSCOs	MW-18 (23-24)	MW-18 (28-29)	SB-27 (17-18)	SB-27 (22-23)	SB-37 (12-13)	SB-37 (17-18)	SB-37 (20-21)	SB-37 (27-28)	DUPLICATE	MW-22 (12-13)	MW-22 (17.5-18.5)	MW-22 (18.5-19)	MW-22 (2-4)	SB-26 (13-14.5)	SB-26 (19-21)	SB-26 (31-32)		
Sample Date		10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/29/2008	10/29/2008	10/29/2008	10/29/2008	10/30/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/30/2008	10/30/2008	10/30/2008		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs (ppb)																			
2-Chlorophenol	NS	35	U	33	U	36	U	40	U	35	U	35	U	31	U	33	U	33	U
4-Chloro-3-methyl phenol	NS	52	U	48	U	52	U	59	U	51	U	52	U	48	U	46	U	50	U
2,4-Dichlorophenol	NS	45	U	42	U	45	U	50	U	44	U	45	U	42	U	40	U	41	U
2,4-Dimethylphenol	NS	719		49	U	53	U	1930		52	U	52	U	49	U	46	U	49	U
2,4-Dinitrophenol	NS	460	U	430	U	470	U	520	U	460	U	460	U	430	U	410	U	440	U
4,6-Dinitro-o-cresol	NS	45	U	42	U	46	U	51	U	45	U	45	U	42	U	40	U	42	U
2-Methylphenol	500,000	46	U	43	U	47	U	52	U	46	U	46	U	43	U	41	U	43	U
3&4-Methylphenol	NS	57	U	54	U	58	U	65	U	57	U	57	U	54	U	51	U	53	U
2-Nitrophenol	NS	45	U	42	U	45	U	51	U	45	U	45	U	42	U	40	U	42	U
4-Nitrophenol	NS	55	U	51	U	55	U	62	U	54	U	55	U	51	U	49	U	51	U
Pentachlorophenol	6,700	55	U	52	U	56	U	63	U	55	U	55	U	52	U	49	U	51	U
Phenol	500,000	32	U	30	U	33	U	37	U	32	U	32	U	30	U	29	U	30	U
2,4,5-Trichlorophenol	NS	46	U	43	U	47	U	52	U	46	U	46	U	43	U	41	U	43	U
2,4,6-Trichlorophenol	NS	57	U	53	U	57	U	64	U	56	U	57	U	53	U	51	U	53	U
Acenaphthene	500,000	1480		82.8		2620		26	U	78.4		793		921		3170		376	
Acenaphthylene	500,000	29.3	J	17	U	90.9		21	U	18	U	32.6	J	42.3		193		17	U
Anthracene	500,000	940		159		192		22	U	90.1		1600		1600		4840		399	
Benzo(a)anthracene	5,600	164		29.7	J	26.4	J	29	U	126		129		336		5380		87.5	
Benzo(a)pyrene	1,000	83.9		17	U	18	U	20	U	140		55.1		364		5090		44.8	
Benzo(b)fluoranthene	5,600	103		22	U	23	U	26	U	132		60		290		3810		69.7	
Benzo(g,h,i)perylene	500,000	60.1		19	U	21	U	24	U	97.6		27.8	J	177		2680		19	U
Benzo(k)fluoranthene	56,000	58.6		20	U	22	U	24	U	115		40.9	J	169		2160		61.9	
4-Bromophenyl phenyl ether	NS	23	U	22	U	24	U	26	U	23	U	23	U	21	U	22	U	22	U
Butyl benzyl phthalate	NS	21	U	20	U	21	U	24	U	21	U	21	U	20	U	19	U	20	U
2-Chloronaphthalene	NS	19	U	18	U	19	U	22	U	19	U	19	U	18	U	17	U	18	U
4-Chloroaniline	NS	17	U	16	U	18	U	20	U	17	U	17	U	15	U	16	U	16	U
Carbazole	NS	264		37	J	3440		21	U	41.8	J	3090		3860		1900		165	
Chrysene	56,000	155		52.9		26.7	J	22	U	155		147		352		5800		116	
bis(2-Chloroethoxy)methane	NS	21	U	20	U	22	U	24	U	21	U	21	U	20	U	19	U	20	U
bis(2-Chloroethyl)ether	NS	20	U	19	U	20	U	23	U	20	U	20	U	19	U	18	U	19	U
bis(2-Chloroisopropyl)ether	NS	22	U	21	U	22	U	25	U	22	U	22	U	21	U	20	U	21	U

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
SVOCs - Semi-volatile organic carbons
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory Objectives RUSCOs	MW-18 (23-24)	MW-18 (28-29)	SB-27 (17-18)	SB-27 (22-23)	SB-37 (12-13)	SB-37 (17-18)	SB-37 (20-21)	SB-37 (27-28)	DUPLICATE	MW-22 (12-13)	MW-22 (17.5-18.5)	MW-22 (18.5-19)	MW-22 (2-4)	SB-26 (13-14.5)	SB-26 (19-21)	SB-26 (31-32)		
Sample Date		10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/29/2008	10/29/2008	10/29/2008	10/29/2008	10/30/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/30/2008	10/30/2008	10/30/2008		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs (ppb)																			
4-Chlorophenyl phenyl ether	NS	29	U	27	U	29	U	32	U	28	U	29	U	27	U	25	U	27	U
1,2-Dichlorobenzene	500,000	23	U	22	U	23	U	26	U	23	U	22	U	20	U	20	U	21	U
1,3-Dichlorobenzene	280,000	18	U	17	U	18	U	20	U	17	U	16	U	17	U	16	U	16	U
1,4-Dichlorobenzene	130,000	17	U	15	U	17	U	19	U	16	U	17	U	15	U	15	U	15	U
2,4-Dinitrotoluene	NS	23	U	22	U	24	U	26	U	23	U	22	U	21	U	21	U	22	U
2,6-Dinitrotoluene	NS	19	U	18	U	19	U	22	U	19	U	18	U	17	U	17	U	18	U
3,3'-Dichlorobenzidine	NS	74	U	69	U	75	U	84	U	73	U	69	U	66	U	70	U	69	U
Dibenzo(a,h)anthracene	560	20	U	19	U	21	U	23	U	20.6	J	20	U	30.3	J	861		19	U
Dibenzofuran	350,000	1050		88.7		3530		23	U	34	J	909		1100		2350		281	
Di-n-butyl phthalate	NS	27	U	25	U	27	U	30	U	26	U	27	U	25	U	24	U	25	U
Di-n-octyl phthalate	NS	19	U	18	U	19	U	21	U	19	U	19	U	18	U	17	U	18	U
Diethyl phthalate	NS	19	U	18	U	19	U	22	U	19	U	19	U	18	U	17	U	18	U
Dimethyl phthalate	NS	20	U	19	U	21	U	23	U	20	U	20	U	19	U	18	U	19	U
bis(2-Ethylhexyl)phthalate	NS	22	U	21	U	23	U	25	U	22	U	22	U	21	U	201		21	U
Fluoranthene	500,000	1020		200		150		22	U	552		819		1610		13000		632	
Fluorene	500,000	847		96.3		3000		23	U	44.8		2010		2320		2900		358	
Hexachlorobenzene	6,000	24	U	23	U	25	U	28	U	24	U	24	U	23	U	22	U	23	U
Hexachlorobutadiene	NS	21	U	19	U	21	U	23	U	20	U	20	U	19	U	18	U	19	U
Hexachlorocyclopentadiene	NS	40	U	38	U	41	U	46	U	40	U	40	U	38	U	36	U	38	U
Hexachloroethane	NS	28	U	26	U	28	U	31	U	27	U	28	U	26	U	25	U	26	U
Indeno(1,2,3-cd)pyrene	5,600	42.2	J	15	U	16	U	18	U	78		22.3	J	131		2450		15	U
Isophorone	NS	38	U	35	U	38	U	43	U	37	U	38	U	35	U	33	U	35	U
2-Methylnaphthalene	NS	957		18	U	5860		22	U	19	U	899		825		1670		115	
2-Nitroaniline	NS	32	U	29	U	32	U	36	U	31	U	32	U	29	U	28	U	29	U
3-Nitroaniline	NS	17	U	16	U	17	U	20	U	17	U	17	U	16	U	15	U	16	U
4-Nitroaniline	NS	27	U	25	U	27	U	30	U	26	U	27	U	25	U	24	U	25	U
Naphthalene	500,000	9010		122		49500		169		24.4	J	6050		6390		7190		337	
Nitrobenzene	NS	19	U	18	U	19	U	22	U	19	U	19	U	18	U	17	U	18	U
N-Nitroso-di-n-propylamine	NS	27	U	25	U	27	U	30	U	26	U	27	U	25	U	24	U	25	U
N-Nitrosodiphenylamine	NS	29	U	27	U	29	U	33	U	29	U	29	U	27	U	26	U	27	U
Phenanthrene	500,000	2490		379		3760		38.5	J	379		2240		2540		16400		1370	
Pyrene	500,000	755		136		117		21	U	547		753		1440		12700		594	
1,2,4-Trichlorobenzene	NS	22	U	21	U	22	U	25	U	22	U	22	U	21	U	20	U	21	U
Total SVOCs		20,228		3,050		138,907		2,138		2,656		19,678		24,498		95,535		5,007	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-26 (35-36) 10/30/2008	SB-26 (9-11.5) 10/30/2008	DUPLICATE 2 11/3/2008	SB-30(18-19) 11/3/2008	SB-30(2-4) 11/3/2008	SB-30(23-24) 11/3/2008	SB-30(32-33) 11/3/2008	SB-30(5-6) 11/3/2008	SB-31(18-19') 11/5/2008	SB-31(2-4') 11/4/2008	SB-31(21-22') 11/5/2008	SB-31(30-31) 11/5/2008	SB-31(7-9') 11/4/2008	SB-36(11-13) 11/3/2008	SB-36(19-21) 11/3/2008	SB-36(2-4) 11/3/2008
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
SVOCs (ppb)																	
2-Chlorophenol	NS	31 U	34 U	190 U	200 U	180 U	200 U	37 U	180 U	35 U	190 U	180 U	31 U	190 U	NA	38 U	210 U
4-Chloro-3-methyl phenol	NS	45 U	49 U	270 U	290 U	260 U	300 U	54 U	270 U	52 U	270 U	260 U	46 U	280 U	NA	55 U	310 U
2,4-Dichlorophenol	NS	39 U	43 U	230 U	250 U	220 U	250 U	46 U	230 U	45 U	240 U	220 U	39 U	240 U	NA	47 U	270 U
2,4-Dimethylphenol	NS	46 U	50 U	270 U	290 U	260 U	300 U	54 U	270 U	52 U	280 U	260 U	90.7 J	280 U	NA	56 U	310 U
2,4-Dinitrophenol	NS	400 U	440 U	2400 U	2600 U	2300 U	2600 U	480 U	2400 U	460 U	2400 U	2300 U	410 U	2500 U	NA	490 U	2800 U
4,6-Dinitro-o-cresol	NS	40 U	43 U	240 U	250 U	230 U	260 U	47 U	230 U	45 U	240 U	230 U	40 U	240 U	NA	48 U	270 U
2-Methylphenol	500,000	40 U	44 U	240 U	260 U	230 U	260 U	48 U	240 U	46 U	240 U	230 U	41 U	250 U	NA	49 U	280 U
3&4-Methylphenol	NS	50 U	55 U	300 U	320 U	290 U	330 U	59 U	290 U	57 U	300 U	290 U	51 U	310 U	NA	61 U	350 U
2-Nitrophenol	NS	39 U	43 U	240 U	250 U	220 U	260 U	46 U	230 U	45 U	240 U	230 U	40 U	240 U	NA	48 U	270 U
4-Nitrophenol	NS	48 U	52 U	290 U	310 U	270 U	310 U	57 U	280 U	55 U	290 U	270 U	48 U	290 U	NA	58 U	330 U
Pentachlorophenol	6,700	48 U	53 U	290 U	310 U	270 U	320 U	57 U	280 U	55 U	290 U	280 U	49 U	300 U	NA	59 U	330 U
Phenol	500,000	28 U	31 U	170 U	180 U	160 U	180 U	33 U	170 U	32 U	170 U	160 U	29 U	170 U	NA	34 U	200 U
2,4,5-Trichlorophenol	NS	40 U	44 U	240 U	260 U	230 U	260 U	48 U	240 U	46 U	240 U	230 U	41 U	250 U	NA	49 U	280 U
2,4,6-Trichlorophenol	NS	50 U	54 U	300 U	320 U	280 U	320 U	59 U	290 U	57 U	300 U	290 U	50 U	310 U	NA	61 U	340 U
Acenaphthene	500,000	502	8590	1430	624	632	1580	2360	3380	1850	1590	34100	464	4020	NA	5790	280
Acenaphthylene	500,000	16 U	70.5	590	1050	664	100 U	43.5 J	2830	62	351	1500	29.7 J	2740	NA	430	110 U
Anthracene	500,000	583	2290	5110	2340	3160	110 U	1210	7950	451	2120	13400	267	9100	NA	13200	632
Benzo(a)anthracene	5,600	156	707	9880	3920	7820	150 U	143	12400	258	4410	3450	88.9	18900	NA	20500	1490
Benzo(a)pyrene	1,000	70.7	406	8670	3820	7420	100 U	73	12400	213	4420	1580	60.8	18500	NA	18500	1570
Benzo(b)fluoranthene	5,600	77.4	389	7380	2710	5860	130 U	53.8	9650	139	3760	1240	45.8	16900	NA	14900	1540
Benzo(g,h,i)perylene	500,000	70.2	159	4600	2190	4390	120 U	29.2 J	6780	97.3	2700	620	31.2 J	9400	NA	9350	1100
Benzo(k)fluoranthene	56,000	118	185	5540	2750	5500	120 U	89.3	9330	183	2900	1240	73.8	13900	NA	23 U	1210
4-Bromophenyl phenyl ether	NS	20 U	22 U	120 U	130 U	120 U	130 U	24 U	120 U	23 U	120 U	120 U	21 U	130 U	NA	25 U	140 U
Butyl benzyl phthalate	NS	19 U	20 U	110 U	120 U	110 U	120 U	22 U	110 U	21 U	110 U	110 U	19 U	110 U	NA	23 U	130 U
2-Chloronaphthalene	NS	17 U	18 U	100 U	110 U	95 U	110 U	20 U	98 U	19 U	100 U	95 U	17 U	100 U	NA	20 U	110 U
4-Chloroaniline	NS	15 U	17 U	91 U	97 U	87 U	99 U	18 U	89 U	17 U	92 U	87 U	15 U	93 U	NA	18 U	100 U
Carbazole	NS	220	8430	2270	852	1070	336 J	255	2340	3040	620	6560	140	1930	NA	2490	251 J
Chrysene	56,000	172	683	10300	3810	8200	110 U	135	12600	249	4940	3260	87.8	19400	NA	20500	1810
bis(2-Chloroethoxy)methane	NS	19 U	20 U	110 U	120 U	110 U	120 U	22 U	110 U	21 U	110 U	110 U	19 U	110 U	NA	23 U	130 U
bis(2-Chloroethyl)ether	NS	18 U	19 U	110 U	110 U	100 U	120 U	21 U	100 U	20 U	110 U	100 U	18 U	110 U	NA	21 U	120 U
bis(2-Chloroisopropyl)ether	NS	19 U	21 U	120 U	120 U	110 U	130 U	23 U	110 U	22 U	120 U	110 U	20 U	120 U	NA	24 U	130 U

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory Objectives RUSCOs	SB-26 (35-36)	SB-26 (9-11.5)	DUPLICATE 2	SB-30(18-19)	SB-30(2-4)	SB-30(23-24)	SB-30(32-33)	SB-30(5-6)	SB-31(18-19')	SB-31(2-4')	SB-31(21-22')	SB-31(30-31)	SB-31(7-9')	SB-36(11-13)	SB-36(19-21)	SB-36(2-4)		
Sample Date		10/30/2008	10/30/2008	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/5/2008	11/4/2008	11/5/2008	11/5/2008	11/4/2008	11/3/2008	11/3/2008	11/3/2008		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs (ppb)																			
4-Chlorophenyl phenyl ether	NS	25	U	27	U	150	U	160	U	140	U	160	U	29	U	150	U	170	U
1,2-Dichlorobenzene	500,000	20	U	22	U	120	U	130	U	110	U	130	U	24	U	120	U	140	U
1,3-Dichlorobenzene	280,000	15	U	17	U	93	U	99	U	88	U	100	U	18	U	93	U	110	U
1,4-Dichlorobenzene	130,000	14	U	16	U	87	U	92	U	82	U	94	U	17	U	85	U	100	U
2,4-Dinitrotoluene	NS	20	U	22	U	120	U	130	U	120	U	130	U	24	U	120	U	140	U
2,6-Dinitrotoluene	NS	17	U	18	U	100	U	110	U	96	U	110	U	20	U	99	U	120	U
3,3'-Dichlorobenzidine	NS	65	U	71	U	390	U	410	U	370	U	420	U	77	U	380	U	450	U
Dibenzo(a,h)anthracene	560	18	U	31.9	J	1850		699		1540		120	U	21	U	2450		365	
Dibenzofuran	350,000	385		7520		1220		1100		588		2020		2060		3940		191	J
Di-n-butyl phthalate	NS	23	U	26	U	140	U	150	U	130	U	150	U	28	U	140	U	160	U
Di-n-octyl phthalate	NS	17	U	18	U	100	U	110	U	94	U	110	U	20	U	97	U	110	U
Diethyl phthalate	NS	17	U	18	U	100	U	110	U	96	U	110	U	20	U	99	U	120	U
Dimethyl phthalate	NS	18	U	20	U	110	U	110	U	100	U	120	U	21	U	100	U	120	U
bis(2-Ethylhexyl)phthalate	NS	20	U	21	U	120	U	130	U	110	U	130	U	23	U	120	U	263	J
Fluoranthene	500,000	902		5190		16800		6970		12700		110	U	950		26500		2880	
Fluorene	500,000	504		9660		1990		1760		909		417		2110		5290		250	J
Hexachlorobenzene	6,000	21	U	23	U	130	U	140	U	120	U	140	U	25	U	130	U	150	U
Hexachlorobutadiene	NS	18	U	20	U	110	U	110	U	100	U	120	U	21	U	110	U	120	U
Hexachlorocyclopentadiene	NS	35	U	39	U	210	U	230	U	200	U	230	U	42	U	210	U	240	U
Hexachloroethane	NS	24	U	26	U	150	U	150	U	140	U	160	U	29	U	140	U	170	U
Indeno(1,2,3-cd)pyrene	5,600	56.5		123		4200		2010		4000		90	U	28	J	6380		967	
Isophorone	NS	33	U	36	U	200	U	210	U	190	U	210	U	39	U	190	U	230	U
2-Methylnaphthalene	NS	125		4450		503		1040		383	J	110	U	1590		1810		388	J
2-Nitroaniline	NS	28	U	30	U	170	U	180	U	160	U	180	U	33	U	160	U	190	U
3-Nitroaniline	NS	15	U	17	U	91	U	97	U	86	U	99	U	18	U	89	U	100	U
4-Nitroaniline	NS	23	U	26	U	140	U	150	U	130	U	150	U	28	U	140	U	160	U
Naphthalene	500,000	391		49600		496		2380		359		3360		5110		1950		326	
Nitrobenzene	NS	17	U	18	U	100	U	110	U	96	U	110	U	20	U	99	U	120	U
N-Nitroso-di-n-propylamine	NS	23	U	25	U	140	U	150	U	130	U	150	U	27	U	140	U	160	U
N-Nitrosodiphenylamine	NS	25	U	28	U	150	U	160	U	140	U	160	U	30	U	150	U	170	U
Phenanthrene	500,000	1900		18000		17400		7330		10100		1140		3820		30200		2340	
Pyrene	500,000	806		3530		17600		6870		13400		110	U	615		24600		2840	
1,2,4-Trichlorobenzene	NS	19	U	21	U	120	U	120	U	110	U	130	U	23	U	110	U	130	U
Total SVOCs		7,039		120,014		183,229		87,932		88,695		8,853		18,620		182,780		20,693	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
SVOCs - Semi-volatile organic carbons
µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-36(28-29) 11/4/2008 Result Q	SB-29(13-15) 11/5/2008 Result Q	SB-29(19-20) 11/5/2008 Result Q	SB-29(2-4) 11/5/2008 Result Q	SB-34(13-14) 11/6/2008 Result Q	SB-34(14-15) 11/6/2008 Result Q
SVOCs (ppb)							
2-Chlorophenol	NS	34 U	190 U	340 U	150 U	33 U	33 U
4-Chloro-3-methyl phenol	NS	50 U	270 U	500 U	230 U	49 U	49 U
2,4-Dichlorophenol	NS	43 U	230 U	430 U	190 U	42 U	42 U
2,4-Dimethylphenol	NS	50 U	2480	500 U	230 U	49 U	49 U
2,4-Dinitrophenol	NS	440 U	2400 U	4400 U	2000 U	430 U	430 U
4,6-Dinitro-o-cresol	NS	44 U	240 U	430 U	200 U	43 U	43 U
2-Methylphenol	500,000	44 U	240 U	440 U	200 U	43 U	43 U
3&4-Methylphenol	NS	55 U	778	550 U	250 U	54 U	54 U
2-Nitrophenol	NS	43 U	240 U	430 U	200 U	42 U	42 U
4-Nitrophenol	NS	53 U	290 U	530 U	240 U	51 U	52 U
Pentachlorophenol	6,700	53 U	290 U	530 U	240 U	52 U	52 U
Phenol	500,000	31 U	540	310 U	140 U	30 U	30 U
2,4,5-Trichlorophenol	NS	44 U	240 U	440 U	200 U	43 U	43 U
2,4,6-Trichlorophenol	NS	55 U	300 U	550 U	250 U	53 U	54 U
Acenaphthene	500,000	18300	79700	118000	1010	13300	3740
Acenaphthylene	500,000	255	86400	3900	232	516	17 U
Anthracene	500,000	8410	228000	48400	1910	3650	190
Benzo(a)anthracene	5,600	1550	212000	7390	3860	2300	130
Benzo(a)pyrene	1,000	1160	188000	3770	3720	2160	125
Benzo(b)fluoranthene	5,600	972	133000	2500	3040	2360	90.8
Benzo(g,h,i)perylene	500,000	576	92000	1450	1250	715	77.4
Benzo(k)fluoranthene	56,000	666	124000	3110	3010	2370	91.4
4-Bromophenyl phenyl ether	NS	22 U	120 U	220 U	100 U	22 U	22 U
Butyl benzyl phthalate	NS	20 U	110 U	200 U	93 U	20 U	20 U
2-Chloronaphthalene	NS	18 U	100 U	180 U	83 U	18 U	18 U
4-Chloroaniline	NS	17 U	91 U	170 U	76 U	16 U	16 U
Carbazole	NS	1180	76000	14700	774	1480	2310
Chrysene	56,000	1520	194000	6620	3830	2340	133
bis(2-Chloroethoxy)methane	NS	20 U	110 U	200 U	93 U	20 U	20 U
bis(2-Chloroethyl)ether	NS	19 U	110 U	190 U	88 U	19 U	19 U
bis(2-Chloroisopropyl)ether	NS	21 U	120 U	210 U	97 U	21 U	21 U

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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SVOCs (ppb)							
4-Chlorophenyl phenyl ether	NS	27 U	150 U	270 U	120 U	27 U	27 U
1,2-Dichlorobenzene	500,000	22 U	120 U	220 U	100 U	22 U	22 U
1,3-Dichlorobenzene	280,000	17 U	92 U	170 U	77 U	17 U	17 U
1,4-Dichlorobenzene	130,000	16 U	87 U	160 U	72 U	16 U	16 U
2,4-Dinitrotoluene	NS	22 U	120 U	220 U	100 U	22 U	22 U
2,6-Dinitrotoluene	NS	19 U	100 U	190 U	84 U	18 U	18 U
3,3'-Dichlorobenzidine	NS	71 U	390 U	710 U	320 U	70 U	70 U
Dibenzo(a,h)anthracene	560	210	12000	556	563	257	19.3 J
Dibenzofuran	350,000	16300	147000	106000	571	9520	4710
Di-n-butyl phthalate	NS	26 U	140 U	260 U	120 U	25 U	25 U
Di-n-octyl phthalate	NS	18 U	99 U	180 U	82 U	18 U	18 U
Diethyl phthalate	NS	19 U	100 U	190 U	84 U	18 U	18 U
Dimethyl phthalate	NS	20 U	110 U	200 U	89 U	19 U	19 U
bis(2-Ethylhexyl)phthalate	NS	21 U	120 U	210 U	229 J	21 U	21 U
Fluoranthene	500,000	8840	557000	47200	8450	8240	350
Fluorene	500,000	14700	175000	94100	929	7350	3240
Hexachlorobenzene	6,000	23 U	130 U	230 U	110 U	23 U	23 U
Hexachlorobutadiene	NS	20 U	110 U	200 U	89 U	19 U	19 U
Hexachlorocyclopentadiene	NS	39 U	210 U	390 U	180 U	38 U	38 U
Hexachloroethane	NS	27 U	150 U	270 U	120 U	26 U	26 U
Indeno(1,2,3-cd)pyrene	5,600	524	87500	1430	1330	639	62.3
Isophorone	NS	36 U	200 U	360 U	160 U	35 U	35 U
2-Methylnaphthalene	NS	39900	159000	336000	334 J	13900	1360
2-Nitroaniline	NS	30 U	160 U	300 U	140 U	30 U	30 U
3-Nitroaniline	NS	17 U	91 U	170 U	76 U	16 U	16 U
4-Nitroaniline	NS	26 U	140 U	260 U	120 U	25 U	25 U
Naphthalene	500,000	104000	931000	7990000	864	116000	32500
Nitrobenzene	NS	19 U	100 U	190 U	84 U	18 U	18 U
N-Nitroso-di-n-propylamine	NS	25 U	140 U	250 U	120 U	25 U	25 U
N-Nitrosodiphenylamine	NS	28 U	150 U	280 U	130 U	27 U	27 U
Phenanthrene	500,000	30300	706000	181000	6710	18500	3110
Pyrene	500,000	6400	461000	29300	7170	6790	295
1,2,4-Trichlorobenzene	NS	21 U	120 U	210 U	97 U	21 U	21 U
Total SVOCs		255,763	4,649,140	8,995,426	49,452	394,179	98,777

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-34(2-4) 11/6/2008	SB-34(6-7) 11/6/2008	SB-34(27-29) 11/6/2008	SB-38(12-13) 11/6/2008	SB-38(18-19) 11/6/2008	SB-38(2-4) 11/6/2008	DUPLICATE 3 11/7/2008	SB-40 (2-4) 11/7/2008	SB-40 (20-21) 11/7/2008	SB-40 (26-27) 11/7/2008	SB-40 (30.5-31) 11/7/2008	SB-40 (5-7) 11/7/2008
SVOCs (ppb)													
2-Chlorophenol	NS	160 U	160 U	NA	35 U	46 U	30 U	340 U	310 U	36 U	34 U	NA	330 U
4-Chloro-3-methyl phenol	NS	230 U	230 U	NA	52 U	67 U	44 U	500 U	460 U	52 U	50 U	NA	480 U
2,4-Dichlorophenol	NS	200 U	200 U	NA	44 U	57 U	38 U	430 U	390 U	45 U	43 U	NA	410 U
2,4-Dimethylphenol	NS	230 U	230 U	NA	52 U	1860	45 U	510 U	460 U	53 U	914	NA	490 U
2,4-Dinitrophenol	NS	2100 U	2100 U	NA	460 U	600 U	400 U	4500 U	4100 U	470 U	440 U	NA	4300 U
4,6-Dinitro-o-cresol	NS	200 U	200 U	NA	45 U	59 U	39 U	440 U	400 U	46 U	43 U	NA	420 U
2-Methylphenol	500,000	210 U	210 U	NA	46 U	60 U	40 U	450 U	410 U	47 U	44 U	NA	430 U
3&4-Methylphenol	NS	260 U	260 U	NA	57 U	74 U	49 U	560 U	510 U	58 U	116	NA	530 U
2-Nitrophenol	NS	200 U	200 U	NA	45 U	58 U	39 U	440 U	400 U	45 U	43 U	NA	420 U
4-Nitrophenol	NS	250 U	240 U	NA	55 U	71 U	47 U	530 U	490 U	55 U	52 U	NA	510 U
Pentachlorophenol	6,700	250 U	250 U	NA	55 U	71 U	47 U	540 U	490 U	56 U	53 U	NA	510 U
Phenol	500,000	150 U	140 U	NA	32 U	42 U	28 U	310 U	290 U	33 U	31 U	NA	300 U
2,4,5-Trichlorophenol	NS	210 U	210 U	NA	46 U	60 U	40 U	450 U	410 U	47 U	44 U	NA	430 U
2,4,6-Trichlorophenol	NS	260 U	250 U	NA	57 U	74 U	49 U	550 U	500 U	57 U	55 U	NA	530 U
Acenaphthene	500,000	2840	2060	NA	37400	28900	481	2140	2890	11500	40300	NA	3150
Acenaphthylene	500,000	1140	693	NA	3230	3540	109	300 J	593	566	1530	NA	3150
Anthracene	500,000	7130	4540	NA	19600	17000	929	3650	5310	3980	18400	NA	11000
Benzo(a)anthracene	5,600	19200	13500	NA	2510	6940	1920	4590	8610	3300	3130	NA	23000
Benzo(a)pyrene	1,000	25200	15900	NA	1320	4670	1970	4370	8610	3110	1890	NA	26300
Benzo(b)fluoranthene	5,600	21300	15300	NA	1150	3800	1740	3270	6570	2750	1640	NA	25900
Benzo(g,h,i)perylene	500,000	8580	6120	NA	210	1040	551	2450	5160	1470	788	NA	15100
Benzo(k)fluoranthene	56,000	22600	15100	NA	1180	3150	2270	3230	6230	1710	1220	NA	12200
4-Bromophenyl phenyl ether	NS	100 U	100 U	NA	23 U	30 U	20 U	230 U	210 U	24 U	22 U	NA	220 U
Butyl benzyl phthalate	NS	96 U	95 U	NA	21 U	27 U	18 U	210 U	190 U	21 U	20 U	NA	200 U
2-Chloronaphthalene	NS	86 U	85 U	NA	19 U	25 U	16 U	180 U	170 U	19 U	18 U	NA	180 U
4-Chloroaniline	NS	78 U	77 U	NA	17 U	22 U	15 U	170 U	150 U	18 U	17 U	NA	160 U
Carbazole	NS	1320	908	NA	11700	8130	356	1440	2120	6140	6340	NA	2460
Chrysene	56,000	25000	14600	NA	2310	6570	2000	4680	8800	3270	3120	NA	25500
bis(2-Chloroethoxy)methane	NS	96 U	95 U	NA	21 U	28 U	18 U	210 U	190 U	22 U	20 U	NA	200 U
bis(2-Chloroethyl)ether	NS	91 U	90 U	NA	20 U	26 U	17 U	200 U	180 U	20 U	19 U	NA	190 U
bis(2-Chloroisopropyl)ether	NS	100 U	99 U	NA	22 U	29 U	19 U	220 U	200 U	22 U	21 U	NA	210 U

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
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Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-34(2-4) 11/6/2008	SB-34(6-7) 11/6/2008	SB-34(27-29) 11/6/2008	SB-38(12-13) 11/6/2008	SB-38(18-19) 11/6/2008	SB-38(2-4) 11/6/2008	DUPLICATE 3 11/7/2008	SB-40 (2-4) 11/7/2008	SB-40 (20-21) 11/7/2008	SB-40 (26-27) 11/7/2008	SB-40 (30.5-31) 11/7/2008	SB-40 (5-7) 11/7/2008
SVOCs (ppb)													
4-Chlorophenyl phenyl ether	NS	130 U	130 U	NA	28 U	37 U	24 U	280 U	250 U	29 U	27 U	NA	270 U
1,2-Dichlorobenzene	500,000	100 U	100 U	NA	23 U	30 U	20 U	220 U	200 U	23 U	22 U	NA	210 U
1,3-Dichlorobenzene	280,000	79 U	79 U	NA	18 U	23 U	15 U	170 U	160 U	18 U	17 U	NA	160 U
1,4-Dichlorobenzene	130,000	74 U	74 U	NA	16 U	21 U	14 U	160 U	150 U	17 U	16 U	NA	150 U
2,4-Dinitrotoluene	NS	100 U	100 U	NA	23 U	30 U	20 U	230 U	210 U	24 U	22 U	NA	220 U
2,6-Dinitrotoluene	NS	87 U	86 U	NA	19 U	25 U	17 U	190 U	170 U	19 U	18 U	NA	180 U
3,3'-Dichlorobenzidine	NS	330 U	330 U	NA	74 U	96 U	64 U	720 U	660 U	75 U	71 U	NA	690 U
Dibenzo(a,h)anthracene	560	2780	2110	NA	81.3	407	234	859	1690	590	313	NA	5210
Dibenzofuran	350,000	2390	1570	NA	35200	27900	254	1440	1800	10900	36200	NA	2290
Di-n-butyl phthalate	NS	120 U	120 U	NA	27 U	34 U	23 U	260 U	240 U	27 U	26 U	NA	250 U
Di-n-octyl phthalate	NS	85 U	84 U	NA	19 U	24 U	16 U	180 U	170 U	19 U	18 U	NA	180 U
Diethyl phthalate	NS	87 U	86 U	NA	19 U	25 U	17 U	190 U	170 U	19 U	18 U	NA	180 U
Dimethyl phthalate	NS	92 U	91 U	NA	20 U	26 U	18 U	200 U	180 U	21 U	20 U	NA	190 U
bis(2-Ethylhexyl)phthalate	NS	100 U	100 U	NA	22 U	29 U	101	220 U	378 J	23 U	21 U	NA	210 U
Fluoranthene	500,000	42900	29500	NA	22900	28600	4050	9760	17400	9360	20800	NA	38200
Fluorene	500,000	1950	1660	NA	36400	27200	453	2300	2800	9700	35800	NA	3570
Hexachlorobenzene	6,000	110 U	110 U	NA	24 U	31 U	21 U	240 U	220 U	25 U	23 U	NA	230 U
Hexachlorobutadiene	NS	92 U	91 U	NA	20 U	26 U	18 U	200 U	180 U	21 U	20 U	NA	190 U
Hexachlorocyclopentadiene	NS	180 U	180 U	NA	40 U	52 U	35 U	390 U	360 U	41 U	39 U	NA	380 U
Hexachloroethane	NS	120 U	120 U	NA	28 U	36 U	24 U	270 U	240 U	28 U	26 U	NA	260 U
Indeno(1,2,3-cd)pyrene	5,600	7300	5350	NA	234	1140	615	2320	4850	1400	781	NA	13400
Isophorone	NS	170 U	170 U	NA	38 U	49 U	32 U	370 U	330 U	38 U	36 U	NA	350 U
2-Methylnaphthalene	NS	923	768	NA	70900	49300	224	803 J	933	24800	73500	NA	1160
2-Nitroaniline	NS	140 U	140 U	NA	31 U	41 U	27 U	310 U	280 U	32 U	30 U	NA	290 U
3-Nitroaniline	NS	78 U	77 U	NA	17 U	22 U	15 U	170 U	150 U	17 U	17 U	NA	160 U
4-Nitroaniline	NS	120 U	120 U	NA	27 U	35 U	23 U	260 U	240 U	27 U	26 U	NA	250 U
Naphthalene	500,000	1800	1900	NA	251000	205000	1510	1030	1290	84500	306000	NA	1820
Nitrobenzene	NS	87 U	86 U	NA	19 U	25 U	17 U	190 U	170 U	19 U	18 U	NA	180 U
N-Nitroso-di-n-propylamine	NS	120 U	120 U	NA	26 U	34 U	23 U	260 U	230 U	27 U	25 U	NA	250 U
N-Nitrosodiphenylamine	NS	130 U	130 U	NA	29 U	37 U	25 U	280 U	260 U	29 U	28 U	NA	270 U
Phenanthrene	500,000	31400	14800	NA	76700	75200	3140	12200	18100	19100	70900	NA	28500
Pyrene	500,000	40800	28200	NA	16300	21400	3540	9410	16900	8410	14900	NA	39500
1,2,4-Trichlorobenzene	NS	100 U	99 U	NA	22 U	29 U	19 U	220 U	200 U	22 U	21 U	NA	210 U
Total SVOCs		401,627	174,579	NA	1,100,670	956,851	41,095	70,242	192,595	206,556	637,552	NA	281,410

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of
New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil
Cleanup Objectives (RUSCOs) for Commercial Facilities;
exceedances denoted in yellow highlight
SVOCs - Semi-volatile organic carbons
µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory Objectives	SB-32 (12-14)	SB-32 (2-4)	SB-32 (6-8)	SB-33 (12-14)	SB-33 (22-24)	SB-33 (28-30)	SB-25 (15-17)	SB-25 (22-23)	SB-25 (30-31)	SB-35 (18-20)	SB-35 (30-31)	SB-35 (8-10)	SB32-(27.5-28)	SB35-(2-4)	MW-18 (12-13)	MW-18 (20-21)	MW-18 (23-24)				
Sample Date	RUSCOs	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/24/2008	10/24/2008	10/24/2008	10/23/2008	10/24/2008	10/23/2008	10/23/2008	10/23/2008	10/27/2008	10/27/2008	10/27/2008				
Pesticides/PCBs (ppb)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Aldrin	680	NA		0.31	U	NA		NA		NA		NA		NA		0.29	U	NA		NA		NA
alpha-BHC	3,400	NA		0.29	U	NA		NA		NA		NA		NA		0.27	U	NA		NA		NA
beta-BHC	3,000	NA		0.52	U	NA		NA		NA		NA		NA		0.49	U	NA		NA		NA
delta-BHC	500,000	NA		0.29	U	NA		NA		NA		NA		NA		0.27	U	NA		NA		NA
gamma-BHC (Lindane)	9,200	NA		0.38	U	NA		NA		NA		NA		NA		0.36	U	NA		NA		NA
alpha-Chlordane	24,000	NA		0.48	U	NA		NA		NA		NA		NA		4.7		NA		NA		NA
gamma-Chlordane	NS	NA		0.35	U	NA		NA		NA		NA		NA		2.3		NA		NA		NA
Dieldrin	1,400	NA		0.3	U	NA		NA		NA		NA		NA		0.28	U	NA		NA		NA
4,4'-DDD	92,000	NA		0.25	U	NA		NA		NA		NA		NA		0.24	U	NA		NA		NA
4,4'-DDE	62,000	NA		0.39	U	NA		NA		NA		NA		NA		4.8		NA		NA		NA
4,4'-DDT	47,000	NA		0.36	U	NA		NA		NA		NA		NA		53.1		NA		NA		NA
Endrin	89,000	NA		0.34	U	NA		NA		NA		NA		NA		0.31	U	NA		NA		NA
Endosulfan sulfate	200,000	NA		0.33	U	NA		NA		NA		NA		NA		0.31	U	NA		NA		NA
Endrin aldehyde	NS	NA		0.37	U	NA		NA		NA		NA		NA		0.34	U	NA		NA		NA
Endosulfan-I	200,000	NA		0.32	U	NA		NA		NA		NA		NA		0.3	U	NA		NA		NA
Endosulfan-II	200,000	NA		0.52	U	NA		NA		NA		NA		NA		0.48	U	NA		NA		NA
Heptachlor	15,000	NA		0.41	U	NA		NA		NA		NA		NA		0.39	U	NA		NA		NA
Heptachlor epoxide	NS	NA		0.31	U	NA		NA		NA		NA		NA		0.29	U	NA		NA		NA
Methoxychlor	NS	NA		0.42	U	NA		NA		NA		NA		NA		0.39	U	NA		NA		NA
Endrin ketone	NS	NA		0.31	U	NA		NA		NA		NA		NA		0.29	U	NA		NA		NA
Toxaphene	NS	NA		15	U	NA		NA		NA		NA		NA		14	U	NA		NA		NA
Aroclor 1016	1,000	NA		7.4	U	NA		NA		NA		NA		NA		6.9	U	NA		NA		NA
Aroclor 1221	1,000	NA		23	U	NA		NA		NA		NA		NA		22	U	NA		NA		NA
Aroclor 1232	1,000	NA		21	U	NA		NA		NA		NA		NA		20	U	NA		NA		NA
Aroclor 1242	1,000	NA		12	U	NA		NA		NA		NA		NA		12	U	NA		NA		NA
Aroclor 1248	1,000	NA		13	U	NA		NA		NA		NA		NA		13	U	NA		NA		NA
Aroclor 1254	1,000	NA		18	U	NA		NA		NA		NA		NA		17	U	NA		NA		NA
Aroclor 1260	1,000	NA		7.9	U	NA		NA		NA		NA		NA		231		NA		NA		NA

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities;
exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory	MW-18 (28-29)	SB-27 (17-18)	SB-27 (22-23)	SB-37 (12-13)	SB-37 (17-18)	SB-37 (20-21)	SB-37 (27-28)	DUPLICATE	MW-22 (12-13)	MW-22 (17.5-18.5)	MW-22 (18.5-19)	MW-22 (2-4)	SB-26 (13-14.5)	SB-26 (19-21)	SB-26 (31-32)	SB-26 (35-36)	SB-26 (9-11.5)
Sample Date	Objectives	10/27/2008	10/27/2008	10/27/2008	10/29/2008	10/29/2008	10/29/2008	10/29/2008	10/30/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008
	RUSCOs	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Pesticides/PCBs (ppb)																		
Aldrin	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3 U	NA	NA	NA	NA	NA
alpha-BHC	3,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 U	NA	NA	NA	NA	NA
beta-BHC	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.49 U	NA	NA	NA	NA	NA
delta-BHC	500,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 U	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	9,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36 U	NA	NA	NA	NA	NA
alpha-Chlordane	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.45 U	NA	NA	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33 U	NA	NA	NA	NA	NA
Dieldrin	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	NA	NA	NA	NA
4,4'-DDD	92,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.24 U	NA	NA	NA	NA	NA
4,4'-DDE	62,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.2	NA	NA	NA	NA	NA
4,4'-DDT	47,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	NA	NA	NA	NA	NA
Endrin	89,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA
Endosulfan sulfate	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.31 U	NA	NA	NA	NA	NA
Endrin aldehyde	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	NA	NA	NA	NA	NA
Endosulfan-I	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3 U	NA	NA	NA	NA	NA
Endosulfan-II	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.49 U	NA	NA	NA	NA	NA
Heptachlor	15,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.39 U	NA	NA	NA	NA	NA
Heptachlor epoxide	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	NA	NA	NA	NA
Methoxychlor	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.39 U	NA	NA	NA	NA	NA
Endrin ketone	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	NA	NA	NA	NA
Toxaphene	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14 U	NA	NA	NA	NA	NA
Aroclor 1016	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7 U	NA	NA	NA	NA	NA
Aroclor 1221	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22 U	NA	NA	NA	NA	NA
Aroclor 1232	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	NA
Aroclor 1242	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12 U	NA	NA	NA	NA	NA
Aroclor 1248	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13 U	NA	NA	NA	NA	NA
Aroclor 1254	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17 U	NA	NA	NA	NA	NA
Aroclor 1260	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4 U	NA	NA	NA	NA	NA

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

TABLE 4 Analytical Results for Soil Borings																		
Queens West, Parcel 8, 47th Road, Long Island City, NY BCP Site No. C241087 FLS Project ID: 10011-007																		
Sample ID	Regulatory	DUPLICATE 2	SB-30(18-19)	SB-30(2-4)	SB-30(23-24)	SB-30(32-33)	SB-30(5-6)	SB-31(18-19')	SB-31(2-4')	SB-31(21-22')	SB-31(30-31)	SB-31(7-9')	SB-36(11-13)	SB-36(19-21)	SB-36(2-4)	SB-36(28-29)	SB-29(13-15)	SB-29(19-20)
Sample Date	Objectives	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/5/2008	11/4/2008	11/5/2008	11/5/2008	11/4/2008	11/3/2008	11/3/2008	11/3/2008	11/4/2008	11/5/2008	11/5/2008
	RUSCOs	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Pesticides/PCBs (ppb)																		
Aldrin	680	0.93 U	NA	0.91 U	NA	NA	NA	NA	0.31 U	NA	NA	NA	NA	NA	1.1 U	NA	NA	NA
alpha-BHC	3,400	0.85 U	NA	0.83 U	NA	NA	NA	NA	0.28 U	NA	NA	NA	NA	NA	1 U	NA	NA	NA
beta-BHC	3,000	1.5 U	NA	1.5 U	NA	NA	NA	NA	0.51 U	NA	NA	NA	NA	NA	1.8 U	NA	NA	NA
delta-BHC	500,000	0.84 U	NA	0.83 U	NA	NA	NA	NA	0.28 U	NA	NA	NA	NA	NA	1 U	NA	NA	NA
gamma-BHC (Lindane)	9,200	1.1 U	NA	1.1 U	NA	NA	NA	NA	0.38 U	NA	NA	NA	NA	NA	1.3 U	NA	NA	NA
alpha-Chlordane	24,000	1.4 U	NA	1.4 U	NA	NA	NA	NA	0.47 U	NA	NA	NA	NA	NA	1.7 U	NA	NA	NA
gamma-Chlordane	NS	1 U	NA	1 U	NA	NA	NA	NA	0.34 U	NA	NA	NA	NA	NA	1.2 U	NA	NA	NA
Dieldrin	1,400	0.9 U	NA	0.88 U	NA	NA	NA	NA	0.3 U	NA	NA	NA	NA	NA	1.1 U	NA	NA	NA
4,4'-DDD	92,000	0.74 U	NA	0.73 U	NA	NA	NA	NA	0.25 U	NA	NA	NA	NA	NA	0.89 U	NA	NA	NA
4,4'-DDE	62,000	1.1 U	NA	1.1 U	NA	NA	NA	NA	0.38 U	NA	NA	NA	NA	NA	1.4 U	NA	NA	NA
4,4'-DDT	47,000	23.7	NA	15.2	NA	NA	NA	NA	0.35 U	NA	NA	NA	NA	NA	6.2	NA	NA	NA
Endrin	89,000	0.99 U	NA	0.97 U	NA	NA	NA	NA	0.33 U	NA	NA	NA	NA	NA	1.2 U	NA	NA	NA
Endosulfan sulfate	200,000	0.98 U	NA	0.96 U	NA	NA	NA	NA	0.33 U	NA	NA	NA	NA	NA	1.2 U	NA	NA	NA
Endrin aldehyde	NS	1.1 U	NA	1.1 U	NA	NA	NA	NA	0.36 U	NA	NA	NA	NA	NA	1.3 U	NA	NA	NA
Endosulfan-I	200,000	0.94 U	NA	0.92 U	NA	NA	NA	NA	0.31 U	NA	NA	NA	NA	NA	1.1 U	NA	NA	NA
Endosulfan-II	200,000	1.5 U	NA	1.5 U	NA	NA	NA	NA	0.51 U	NA	NA	NA	NA	NA	1.8 U	NA	NA	NA
Heptachlor	15,000	1.2 U	NA	1.2 U	NA	NA	NA	NA	0.41 U	NA	NA	NA	NA	NA	1.5 U	NA	NA	NA
Heptachlor epoxide	NS	0.92 U	NA	0.9 U	NA	NA	NA	NA	0.31 U	NA	NA	NA	NA	NA	1.1 U	NA	NA	NA
Methoxychlor	NS	1.2 U	NA	1.2 U	NA	NA	NA	NA	0.41 U	NA	NA	NA	NA	NA	1.5 U	NA	NA	NA
Endrin ketone	NS	37.4	NA	30.3	NA	NA	NA	NA	0.3 U	NA	NA	NA	NA	NA	1.1 U	NA	NA	NA
Toxaphene	NS	43 U	NA	43 U	NA	NA	NA	NA	14 U	NA	NA	NA	NA	NA	52 U	NA	NA	NA
Aroclor 1016	1,000	22 U	NA	21 U	NA	NA	NA	NA	7.3 U	NA	NA	NA	NA	NA	26 U	NA	NA	NA
Aroclor 1221	1,000	69 U	NA	68 U	NA	NA	NA	NA	23 U	NA	NA	NA	NA	NA	82 U	NA	NA	NA
Aroclor 1232	1,000	62 U	NA	61 U	NA	NA	NA	NA	21 U	NA	NA	NA	NA	NA	74 U	NA	NA	NA
Aroclor 1242	1,000	37 U	NA	36 U	NA	NA	NA	NA	12 U	NA	NA	NA	NA	NA	44 U	NA	NA	NA
Aroclor 1248	1,000	40 U	NA	39 U	NA	NA	NA	NA	13 U	NA	NA	NA	NA	NA	47 U	NA	NA	NA
Aroclor 1254	1,000	54 U	NA	53 U	NA	NA	NA	NA	18 U	NA	NA	NA	NA	NA	65 U	NA	NA	NA
Aroclor 1260	1,000	23 U	NA	245	NA	NA	NA	NA	55100	NA	NA	NA	NA	NA	28 U	NA	NA	NA

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities;

exceedances denoted in yellow highlight

ppb - µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	Regulatory Objectives RUSCOs	SB-29(2-4) 11/5/2008 Result Q	SB-34(13-14) 11/6/2008 Result Q	SB-34(14-15) 11/6/2008 Result Q	SB-34(2-4) 11/6/2008	SB-34(6-7) 11/6/2008	SB-34(27-29) 11/6/2008	SB-38(12-13) 11/6/2008	SB-38(18-19) 11/6/2008	SB-38(2-4) 11/6/2008	DUPLICATE 3 11/7/2008	SB-40 (2-4) 11/7/2008	SB-40 (20-21) 11/7/2008	SB-40 (26-27) 11/7/2008	SB-40 (30.5-31) 11/7/2008	SB-40 (5-7) 11/7/2008
Pesticides/PCBs (ppb)																
Aldrin	680	0.3 U	NA	NA	0.31 U	NA	NA	NA	NA	0.3 U	0.85 U	0.65 U	NA	NA	NA	NA
alpha-BHC	3,400	0.28 U	NA	NA	0.28 U	NA	NA	NA	NA	0.27 U	0.78 U	0.6 U	NA	NA	NA	NA
beta-BHC	3,000	0.5 U	NA	NA	0.51 U	NA	NA	NA	NA	0.5 U	1.4 U	1.1 U	NA	NA	NA	NA
delta-BHC	500,000	0.27 U	NA	NA	0.28 U	NA	NA	NA	NA	0.27 U	0.77 U	0.59 U	NA	NA	NA	NA
gamma-BHC (Lindane)	9,200	0.37 U	NA	NA	0.37 U	NA	NA	NA	NA	0.36 U	1 U	0.8 U	NA	NA	NA	NA
alpha-Chlordane	24,000	0.46 U	NA	NA	0.47 U	NA	NA	NA	NA	0.45 U	1.3 U	0.99 U	NA	NA	NA	NA
gamma-Chlordane	NS	0.33 U	NA	NA	0.34 U	NA	NA	NA	NA	0.33 U	0.94 U	0.72 U	NA	NA	NA	NA
Dieldrin	1,400	0.29 U	NA	NA	0.3 U	NA	NA	NA	NA	0.29 U	0.82 U	0.63 U	NA	NA	NA	NA
4,4'-DDD	92,000	0.24 U	NA	NA	0.25 U	NA	NA	NA	NA	0.24 U	0.68 U	0.53 U	NA	NA	NA	NA
4,4'-DDE	62,000	0.37 U	NA	NA	0.38 U	NA	NA	NA	NA	0.37 U	1.1 U	0.81 U	NA	NA	NA	NA
4,4'-DDT	47,000	0.35 U	NA	NA	0.35 U	NA	NA	NA	NA	0.34 U	0.98 U	0.75 U	NA	NA	NA	NA
Endrin	89,000	0.32 U	NA	NA	0.33 U	NA	NA	NA	NA	0.32 U	0.91 U	0.7 U	NA	NA	NA	NA
Endosulfan sulfate	200,000	0.32 U	NA	NA	0.32 U	NA	NA	NA	NA	0.32 U	0.9 U	0.69 U	NA	NA	NA	NA
Endrin aldehyde	NS	0.35 U	NA	NA	0.36 U	NA	NA	NA	NA	0.35 U	0.99 U	0.76 U	NA	NA	NA	NA
Endosulfan-I	200,000	0.31 U	NA	NA	0.31 U	NA	NA	NA	NA	0.3 U	0.86 U	0.66 U	NA	NA	NA	NA
Endosulfan-II	200,000	0.49 U	NA	NA	0.5 U	NA	NA	NA	NA	0.49 U	1.4 U	1.1 U	NA	NA	NA	NA
Heptachlor	15,000	0.4 U	NA	NA	0.4 U	NA	NA	NA	NA	0.39 U	1.1 U	0.86 U	NA	NA	NA	NA
Heptachlor epoxide	NS	0.3 U	NA	NA	0.3 U	NA	NA	NA	NA	0.3 U	0.84 U	0.65 U	NA	NA	NA	NA
Methoxychlor	NS	0.4 U	NA	NA	0.41 U	NA	NA	NA	NA	0.4 U	1.1 U	0.87 U	NA	NA	NA	NA
Endrin ketone	NS	0.3 U	NA	NA	0.3 U	NA	NA	NA	NA	0.3 U	0.84 U	0.65 U	NA	NA	NA	NA
Toxaphene	NS	14 U	NA	NA	14 U	NA	NA	NA	NA	14 U	40 U	31 U	NA	NA	NA	NA
Aroclor 1016	1,000	7.1 U	NA	NA	7.2 U	NA	NA	NA	NA	6.9 U	20 U	15 U	NA	NA	NA	NA
Aroclor 1221	1,000	22 U	NA	NA	23 U	NA	NA	NA	NA	22 U	64 U	49 U	NA	NA	NA	NA
Aroclor 1232	1,000	20 U	NA	NA	21 U	NA	NA	NA	NA	20 U	57 U	44 U	NA	NA	NA	NA
Aroclor 1242	1,000	12 U	NA	NA	12 U	NA	NA	NA	NA	11 U	34 U	26 U	NA	NA	NA	NA
Aroclor 1248	1,000	13 U	NA	NA	13 U	NA	NA	NA	NA	13 U	36 U	28 U	NA	NA	NA	NA
Aroclor 1254	1,000	228	NA	NA	18 U	NA	NA	NA	NA	17 U	318	377	NA	NA	NA	NA
Aroclor 1260	1,000	396	NA	NA	7.7 U	NA	NA	NA	NA	7.3 U	392	376	NA	NA	NA	NA

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities;
exceedances denoted in yellow highlight
ppb - µg/kg - micrograms per kilogram
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Therefore result is estimated.

TABLE 4 Analytical Results for Soil Borings																			
Queens West, Parcel 8, 47th Road, Long Island City, NY BCP Site No. C241087 FLS Project ID: 10011-007																			
Sample ID	Regulatory	SB-32 (12-14)	SB-32 (2-4)	SB-32 (6-8)	SB-33 (12-14)	SB-33 (22-24)	SB-33 (28-30)	SB-25 (15-17)	SB-25 (22-23)	SB-25 (30-31)	SB-35 (18-20)	SB-35 (30-31)	SB-35 (8-10)	SB32-(27.5-28)	SB35-(2-4)	MW-18 (12-13)	MW-18 (20-21)	MW-18 (23-24)	
Sample Date	Objectives RUSCOs	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/24/2008	10/24/2008	10/24/2008	10/23/2008	10/24/2008	10/23/2008	10/23/2008	10/23/2008	10/27/2008	10/27/2008	10/27/2008	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals Analysis (ppm)																			
Aluminum	NS	8980		6770		6670		5530		7610		6520		12500		3970		7300	
Antimony	NS	2.4	U	2.3	U	2.3	U	2.4	U	2.4	U	2.6	U	2.3	U	2.4	U	2.3	U
Arsenic	16	2.6		13.5		11.1		3		3.4		2.6		6		2.6		2.3	U
Barium	400	52.4		307		422		24	U	34.4		126		31.3		26	U	35.4	
Beryllium	590	0.61	U	0.58	U	0.57	U	0.6	U	0.59	U	0.57	U	0.71	U	0.65	U	0.56	U
Cadmium	9	0.61	U	0.58	U	0.57	U	0.6	U	0.59	U	0.57	U	0.71	U	0.65	U	0.56	U
Calcium	NS	1870		30500		30000		4430		14700		1980		2360		748		966	
Chromium	NS	13.7		14.9		17.3		9.9		17.6		14.4		23.7		19.3		12.8	
Cobalt	NS	6.1	U	5.8	U	5.7	U	6	U	5.9	U	7.4		8.5		6.5	U	8.1	
Copper	270	13.2		43.7		46.9		9.4		14.2		12.1		12.5		11.6		7.4	
Iron	NS	13000		13200		17400		11200		12900		13200		23400		13200		12200	
Lead	1,000	20.1		292		159		10.9		20.9		6.3		12.2		6.6		5	
Magnesium	NS	2640		6830		4190		1950		3540		2650		5050		3380		1520	
Manganese	10,000	113		405		311		116		148		119		296		100		74.7	
Mercury	3	0.16		2.2		1.3		0.55		0.12		0.068		0.044	U	0.039	U	0.037	U
Nickel	310	15.9		20.6		18.9		10.4		16.2		15.2		21.1		18.8		12.2	
Potassium	NS	1200	U	1200	U	1100	U	1200	U	1380		1350		3030		1500		1360	
Selenium	1,500	2.4	U	2.3	U	2.3	U	2.4	U	2.4	U	2.3	U	2.9		2.6	U	2.3	U
Silver	1,500	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.4	U	1.3	U	1.1	U
Sodium	NS	1200	U	1200	U	1100	U	1200	U	1100	U	1400	U	1300	U	1100	U	1200	U
Thallium	NS	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.4	U	1.3	U	1.1	U
Vanadium	NS	16.5		31.3		29.3		12.2		17.1		12.7		27.9		17.4		15.2	
Zinc	10,000	50.9		238		244		34.7		60.9		35.6		58.3		33.4		30.7	
General Chemistry (ppm)																			
Total Organic Carbon	NS	NA		118000		NA		NA		NA		NA		NA		NA		NA	
Total Petroleum Hydrocarbons	NS	112		2180		3090		557		30.4		32.5		36	U	48.1		257	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations of New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Soil Cleanup Objectives (RUSCOs) for Commercial Facilities; exceedances denoted in yellow highlight
ppm - mg/kg - milligrams per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4 Analytical Results for Soil Borings																			
Queens West, Parcel 8, 47th Road, Long Island City, NY BCP Site No. C241087 FLS Project ID: 10011-007																			
Sample ID	Regulatory	MW-18 (28-29)	SB-27 (17-18)	SB-27 (22-23)	SB-37 (12-13)	SB-37 (17-18)	SB-37 (20-21)	SB-37 (27-28)	DUPLICATE	MW-22 (12-13)	MW-22 (17.5-18.5	MW-22 (18.5-19)	MW-22 (2-4)	SB-26 (13-14.5)	SB-26 (19-21)	SB-26 (31-32)	SB-26 (35-36)	SB-26 (9-11.5)	
Sample Date	Objectives RUSCOs	10/27/2008	10/27/2008	10/27/2008	10/29/2008	10/29/2008	10/29/2008	10/29/2008	10/30/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008	10/30/2008	
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Metals Analysis (ppm)																			
Aluminum	NS	4510	9280	16700	9170	7590	6680	5280	6220	7340	9830	8530	8650	9140	7820	8110	2220	2440	
Antimony	NS	2.3 U	2.5 U	3.1 U	2.4 U	2.6 U	2.6 U	2.2 U	2.4 U	2.7 U	2.6 U	2.9 U	2.3 U	2.4 U	2.6 U	2.5 U	2.3 U	2.4 U	
Arsenic	16	3.3	2.5 U	9.8	4	2.6 U	2.6 U	6.5	7.3	24	7.2	5.1	2.3 U	6.1	2.6 U	5.8	2.3 U	2.4 U	
Barium	400	23 U	47.7	36.5	28.1	26 U	26 U	56	24 U	134	40.3	39.4	33.1	24 U	28.1	25 U	23 U	24 U	
Beryllium	590	0.58 U	0.62 U	0.76 U	0.61 U	0.64 U	0.64 U	0.54 U	0.59 U	0.66 U	0.66 U	0.72 U	0.57 U	0.59 U	0.64 U	0.62 U	0.57 U	0.61 U	
Cadmium	9	0.58 U	0.62 U	0.76 U	0.61 U	0.64 U	0.64 U	0.54 U	0.59 U	0.66 U	0.66 U	0.72 U	0.57 U	0.59 U	0.64 U	0.62 U	0.57 U	0.61 U	
Calcium	NS	580 U	964	1900	1590	749	877	13600	2290	11900	977	7840	2800	4980	905	6080	1970	3850	
Chromium	NS	12.5	12	32.3	14	13.8	13.2	19	13.8	17	12.8	13.3	12	16.2	13	27	6.7	7.3	
Cobalt	NS	6.8	6.2 U	11.1	6.1	6.4 U	6.4 U	5.8	5.9 U	6.6 U	6.6 U	7.2 U	5.7 U	6.1	6.5	6.2 U	5.7 U	6.1 U	
Copper	270	9.1	11	13.2	13.5	8.7	12.9	48.2	6.3	51.1	10.2	18	9.6	8.3	14.3	9.6	3.2	4	
Iron	NS	16500	13000	32700	16300	12900	15800	18700	24400	16500	14000	15700	12800	19300	15700	16200	5030	5640	
Lead	1,000	5.9	7.1	13	10.4	5.4	5.8	700	28.2	722	11.8	37.5	5.6	8.1	6.6	49.9	2.3 U	2.4 U	
Magnesium	NS	1750	2990	6430	3160	2730	2540	6590	1440	3050	2710	3260	2690	3820	3150	2380	1250	1450	
Manganese	10,000	118	188	355	351	179	519	365	87.5	224	107	156	130	204	131	101	35.4	41.9	
Mercury	3	0.039 U	0.039 U	0.046 U	0.5	0.041 U	0.42	0.22	0.035	0.065	0.074	0.044 U	0.33	0.036 U	0.04	0.036 U	0.035 U	0.04 U	
Nickel	310	14.5	15.2	34	16.5	19.2	14.4	17.7	9.8	21.2	13.8	14.9	14	15.3	16.3	14.1	5.2	5.3	
Potassium	NS	1540	1200 U	3700	1470	1500	1300 U	1430	1200	1300 U	1300 U	1400 U	1140	1950	1530	1200 U	1100 U	1200 U	
Selenium	1,500	2.3 U	2.5 U	3.1 U	2.4 U	2.6 U	2.6 U	2.2 U	2.8	3.5	2.6 U	2.9 U	2.3 U	2.4 U	2.6 U	2.5 U	2.3 U	2.4 U	
Silver	1,500	1.2 U	1.2 U	1.5 U	1.2 U	1.3 U	1.3 U	1.1 U	1.2	1.3 U	1.3 U	1.4 U	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.2 U	
Sodium	NS	1200 U	1200 U	1920	1200 U	1300 U	1300 U	1100 U	1200	1300 U	1300 U	1400 U	1100 U	1200 U	1300 U	1200 U	1100 U	1200 U	
Thallium	NS	1.2 U	1.2 U	1.5 U	1.2 U	1.3 U	1.3 U	1.1 U	1.2	1.3 U	1.3 U	1.4 U	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.2 U	
Vanadium	NS	18.9	15	36.2	16.7	11.6	16.3	23.5	13.4	27	13.5	14.6	15.4	20	14.8	16.3	6.4	6.9	
Zinc	10,000	35.2	34.4	75.8	42.4	33.4	32.5	67	19.5	153	35.2	45.4	30.1	39.5	36	26.4	12.2	14.3	
General Chemistry (ppm)																			
Total Organic Carbon	NS								NA	NA	NA	NA	143000	NA	NA	NA	NA	NA	
Total Petroleum Hydrocarbons	NS	32 U	34 U	38 U	38.3	33 U	107	102	99.4	127	305	37 U	318	1510	260	29 U	34.6	273	

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations o
New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Sc
Cleanup Objectives (RUSCOs) for Commercial Facilities;
exceedances denoted in yellow highlight
ppm - mg/kg - milligrams per kilogram
U - Undetected
J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).
Therefore result is estimated.

TABLE 4 Analytical Results for Soil Borings Queens West, Parcel 8, 47th Road, Long Island City, NY BCP Site No. C241087 FLS Project ID: 10011-007																			
Sample ID	Regulatory	DUPLICATE 2		SB-30(18-19)	SB-30(2-4)	SB-30(23-24)	SB-30(32-33)	SB-30(5-6)	SB-31(18-19')	SB-31(2-4')	SB-31(21-22')	SB-31(30-31)	SB-31(7-9')	SB-36(11-13)	SB-36(19-21)	SB-36(2-4)	SB-36(28-29)	SB-29(13-15)	SB-29(19-20)
Sample Date	Objectives	11/3/2008		11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/3/2008	11/5/2008	11/4/2008	11/5/2008	11/5/2008	11/4/2008	11/3/2008	11/3/2008	11/3/2008	11/4/2008	11/5/2008	11/5/2008
	RUSCOs	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals Analysis (ppm)																			
Aluminum	NS	6460		6200		5750		6500		15100		6430		7840		5600		7390	
Antimony	NS	2.3	U	2.5	U	2.3	U	2.5	U	2.7	U	2.4	U	2.3	U	2.4	U	2.5	U
Arsenic	16	6.1		6.1		6.4		2.5	U	3.2		9		2.7	U	8.5		2.4	
Barium	400	81.8		68.1		81.1		25	U	101		114		27	U	146		26	
Beryllium	590	0.56	U	0.63	U	0.58	U	0.62	U	0.66	U	0.6	U	0.68	U	0.6	U	0.57	U
Cadmium	9	0.6		0.63	U	0.66		0.62	U	0.66	U	0.67		0.68	U	1.5		0.57	U
Calcium	NS	20200		10500		31200		896		18900		28700		836		29900		874	
Chromium	NS	13.7		13.2		12.4		9		32.2		15.2		13.6		163		11	
Cobalt	NS	5.6	U	6.3	U	5.8	U	6.2	U	12.1		6	U	6.8	U	13.1		5.7	U
Copper	270	39.4		53.5		50.6		7.4		25.6		55.8		11.4		97		9.4	
Iron	NS	10400		13200		9760		10800		27500		12400		13900		17800		11800	
Lead	1,000	78.4		68.2		104		5.5		10.8		184		7.7		234		8.9	
Magnesium	NS	2630		2540		3230		2060		10400		4120		2480		21600		2150	
Manganese	10,000	139		169		163		109		638		342		184		350		113	
Mercury	3	0.26		0.14		0.25	0.039	U	0.041	U	0.54	0.039	U	2.6	0.036	U	0.42	NA	0.71
Nickel	310	16.7		18.7		25		11.8		31.2		17.3		14.4		199		12.2	
Potassium	NS	1100	U	1300	U	1200	U	1200	U	4660		1200	U	1400	U	1100	U	1100	U
Selenium	1,500	2.3	U	2.5	U	2.3	U	2.5	U	2.7	U	2.4	U	2.7	U	2.3	U	2.3	U
Silver	1,500	1.1	U	1.3	U	1.2	U	1.2	U	1.3	U	1.2	U	1.4	U	1.1	U	1.1	U
Sodium	NS	1100	U	1300	U	1200	U	1200	U	1300	U	1200	U	1400	U	1100	U	1100	U
Thallium	NS	1.1	U	1.3	U	1.2	U	1.2	U	1.3	U	1.2	U	1.4	U	1.1	U	1.1	U
Vanadium	NS	22		18.4		22.5		11.4		35.9		29.7		20.3		27.6		14.4	
Zinc	10,000	150		159		183		23.6		59.5		175		35.6		428		30.4	
General Chemistry (ppm)																			
Total Organic Carbon	NS	213000		NA		280000		NA		NA		NA		NA		NA		NA	
Total Petroleum Hydrocarbons	NS	234		127		176	30	U	33	U	918	34	U	936	247	28	U	554	NA

Notes:

Commerical RUSCOs refer to the 6 Rules and Regulations o New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Sc Cleanup Objectives (RUSCOs) for Commercial Facilities;

exceedances denoted in yellow highlight

ppm - mg/kg - milligrams per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

TABLE 4
Analytical Results for Soil Borings
Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID	Regulatory	SB-29(2-4)	SB-34(13-14)	SB-34(14-15)	SB-34(2-4)	SB-34(6-7)	SB-34(27-29)	SB-38(12-13)	SB-38(18-19)	SB-38(2-4)	DUPLICATE 3	SB-40 (2-4)	SB-40 (20-21)	SB-40 (26-27)	SB-40 (30.5-31)	SB-40 (5-7)	
Sample Date	Objectives RUSCOs	11/5/2008	11/6/2008	11/6/2008	11/6/2008	11/6/2008	11/6/2008	11/6/2008	11/6/2008	11/6/2008	11/7/2008	11/7/2008	11/7/2008	11/7/2008	11/7/2008	11/7/2008	
Result Q		Result Q	Result Q	Result Q													
Metals Analysis (ppm)																	
Aluminum	NS	5680	9590	8720	6290	NA	5560	1590	16900	7720	6040		5550	8890	5150	NA	6370
Antimony	NS	2.2 U	2.3 U	2.5 U	2.4 U	NA	2.2 U	2.5 U	3.2 U	2.2 U	2.4 U	2.3 U		2.7 U	2.4 U	NA	2.5 U
Arsenic	16	6	4	2.5	10.2	NA	9.6	2.5 U	9.5	6.5	18.6	17.5		3.5	2.4 U	NA	11.9
Barium	400	75.2	47.8	34.8	139	NA	119	25 U	48.9	149	246	180		49.7	24 U	NA	125
Beryllium	590	0.72	0.58	0.62 U	0.6 U	NA	0.55 U	0.61 U	1	0.56	0.61	U	0.57 U	0.67 U	0.61 U	NA	0.62 U
Cadmium	9	0.65	0.58 U	0.62 U	0.6 U	NA	0.55 U	0.61 U	0.81 U	0.98	0.78		0.73	0.67 U	0.61 U	NA	0.62 U
Calcium	NS	65800	3280	921	24200	NA	15600	797	2820	40500	36700	42300	2350	859		NA	20400
Chromium	NS	16.5	12.1	11.4	10.8	NA	12	4.4	29	19.5	19.6	20.5	15.4	10.9		NA	13.2
Cobalt	NS	5.6 U	5.8 U	6.2 U	6 U	NA	6.1	6.1 U	13.5	6.2	6.1	U	6.6	6.7 U	6.1 U	NA	6.2 U
Copper	270	42.1	11.4	8.5	33.5	NA	69.8	3.1 U	17.3	47.6	95.5	79.7	16.4	8.8		NA	49.2
Iron	NS	13700	12800	12900	12800	NA	13000	2570	31300	19700	24700	29400	14500	11300		NA	15800
Lead	1,000	118	17.2	5.8	140	NA	152	10.6	25	144	229	197	27.1	7.1		NA	196
Magnesium	NS	27300	2430	2310	3220	NA	3160	610 U	6310	4810	7250	9580	2570	1900		NA	7360
Manganese	10,000	237	176	122	225	NA	252	20.1	767	307	251	276	142	82.7		NA	273
Mercury	3	0.44	0.14	0.36	0.7	NA	0.72	0.15	0.17	0.85	0.41	0.43	0.038 U	0.042		NA	1.7
Nickel	310	17	12.2	13.1	16.6	NA	20.6	4.9 U	27.1	15.4	20.8	21.5	14.7	10.1		NA	16.7
Potassium	NS	1100 U	1200 U	1200 U	1200 U	NA	1100 U	1200 U	3220	1500	1200	U	1100 U	1300 U	1200 U	NA	1200 U
Selenium	1,500	2.2 U	2.3 U	2.5 U	2.4 U	NA	2.2 U	2.5 U	3.2 U	2.2 U	2.4	3	2.7 U	2.4 U		NA	3
Silver	1,500	1.1 U	1.2 U	1.2 U	1.2 U	NA	1.1 U	1.2 U	1.6 U	1.1 U	1.2	U	1.1 U	1.3 U	1.2 U	NA	1.2 U
Sodium	NS	1100 U	1200 U	1200 U	1200 U	NA	1100 U	1200 U	1600 U	1100 U	1200	U	1100 U	1300 U	1200 U	NA	1200 U
Thallium	NS	1.1 U	1.2 U	1.2 U	1.2 U	NA	1.1 U	1.2 U	1.6 U	1.1 U	1.2	U	1.1 U	1.3 U	1.2 U	NA	1.2 U
Vanadium	NS	26	17.2	15.1	24	NA	23.1	6.1 U	38.1	29	37	37.8	16.6	15.2		NA	25.7
Zinc	10,000	240	34.9	29.8	94.9	NA	109	8.7	75.3	263	971	1290	66	32.2		NA	287
General Chemistry (ppm)																	
Total Organic Carbon	NS	36600	NA	NA	165000	1200 U	NA	NA	NA	32100	82500	93400	NA	NA	NA	NA	149000
Total Petroleum Hydrocarbons	NS	905	319	30 U	15500	NA	4770	729	110	595	945	1870	593	102		NA	11800

Notes:
Commerical RUSCOs refer to the 6 Rules and Regulations o
New York City (NYCRR) 'Table 375-6.8(b) Restricted Use Sc
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Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 5 – Geotechnical Results

Sample ID Depth (feet)	TP-1 (0-2)	TP-2 (0-2)	TP-3 (0-2)	TP-4 (0-2)	TP-7 (0-2)	TP-8 (0-2)	MW-22 (28-31)	SB-26 (33-35)	SB-29 (21-23)	SB-31 (11-15)	SB-34 (7-9)	SB-36 (21-23)	SB-36 (29-31)
Parameters													
% Moisture	9.8	14.9	15.2	15.8	12.7	6.7	16.8	10.8	19.8	18.3	22.9	20.6	14.3
Bulk Density (g/mL)	0.99	0.78	0.85	0.87	0.98	1.13	1.24	1.57	1.19	1.27	1.18	1.18	1.4
Grain Size and Soil Porosity													
% Finer No. 4 Sieve	78.9	75.1	68.5	79.4	74.4	76.2	100	98.2	98.4	94.9	98.4	98.5	100
% Finer No. 200 Sieve	15.9	12.9	12.7	11.7	12.8	15.6	14.9	10.1	25	38	31.5	12.6	17.8
% Finer .005 mm	-	-	-	-	-	-	-	-	-	-	-	-	-
Attenberg Limits													
Liquid Limit	NP	NP	NP	NP	NP	NP	-	-	-	-	-	-	-
Plastic Limit	NP	NP	NP	NP	NP	NP	-	-	-	-	-	-	-
Plasticity Index	NP	NP	NP	NP	NP	NP	-	-	-	-	-	-	-
Liquidity Index	NP	NP	NP	NP	NP	NP	-	-	-	-	-	-	-
Specific Gravity	2.58	2.5	2.64	2.42	2.78	2.59	2.71	2.75	2.75	2.71	2.51	2.7	2.72

Notes

NP - Not Plastic

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 6 – Observed NAPL Thickness in Soil Borings

Boring	Top of NAPL (ft-bg)	Bottom of NAPL (ft-bg)	Lens Thickness (ft)	Overall Thickness (ft)	Comment
FLS-MW-22/SB-28 ¹	11	18	7	7	
FLS-SB-25	Not observed	--	--	--	Sheen on water & odor only
FLS-SB-26/39/24	12.5	14.5	2	14.5	Same as SB-39/24
FLS-SB-26/39/24	21	22	1		Same as SB-39/24
FLS-SB-26/39/24	23	23.5	0.5		Same as SB-39/24
FLS-SB-26/39/24	25	27	2		
FLS-SB-27	Not observed	--	--	--	Sheen on water & odor only
FLS-SB-29	10.5	24.5	14	12.5	
FLS-SB-29	17	19.5	2.5		
FLS-SB-29	21	25	4		
FLS-SB-30	Not observed	--	--	--	Sheen on water & odor only
FLS-SB-31	23	29.5	6.5	6.5	
FLS-SB-32	27	28	1	1	
FLS-SB-33	27	28	1	1	
FLS-SB-34	7	9	2	16	
FLS-SB-34	13	13.5	0.5		
FLS-SB-34	17	20	3		
FLS-SB-34	21	23	2		
FLS-SB-35	15	23	8	8	
FLS-SB-36	Not observed	--	--	--	Slight odor near bottom
FLS-SB-37	23	24	1	1	
FLS-SB-38	10.5	15	4.5	9.5	
FLS-SB-38	17	20	3		
FLS-SB-40	7	9	2	16.5	
FLS-SB-40	11	24.5	13.5		
FLS MW-7R	9	15	6	6	

¹ Some borings were co-located when installing shallow wells next to a deep well already logged. For this reason there is a common log for all adjacent borings.

Table 7
Monitoring Well Installation Details

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Well	Installation Date	Development Date	Total Depth (ft bg)	Screen Interval (ft bg)	Solid Riser Interval (ft bg)	Bentonite Seal Interval (ft bg)	Grout Interval (ft bg)	Ground Elevation	Top of Well Screen Elevation	Bottom of Well Screen Elevation	Well Screen Material	Well Diameter	Installed By
MW-2(D)	9/10/05	9/23/05	34	24-34	0-24	21-23	0.5-21	9.52	-14.5	-24.5	PVC	2"	AKRF
MW-7(D)	9/14/05	9/23/05	28	17-27	0-17	14-16	0.5-21	buried	--	--	PVC	2"	AKRF
MW-8(D)	9/22/05	9/23/05	32	21-31	0-21	18-20	0.5-18	10.79	-11.2	-21.2	PVC	2"	AKRF
MW-9(D)	9/13/05	9/23/05	25	14-24	0-14	0.5-11	0-0.5	8.03	-7.0	-17.0	PVC	2"	AKRF
MW-10(S)	9/13/05	9/23/05	25	15-25	0-15	12-14	0.5-12	8.17	-6.8	-16.8	PVC	2"	AKRF
MW-7R(D)	12/19/08	12/19/08	32.5	22.5-32.5	0-22.5	18.5-20.5	0-18.49	9.27	-9.0	-19.0	SS	2"	FLS
MW-11(D)	10/24/08	10/24/08	30.6	20.6-30.6	0-20.6	16.6-18.6	0-16.6	8.27	-5.6	-15.6	SS	2"	FLS
MW-12(D)	10/24/08	10/24/08	38.7	28.7-38.7	0-28.7	24.7-26.7	0-24.7	8.74	-15.8	-25.8	SS	2"	FLS
MW-13(S)	10/24/08	10/24/08	18.6	8.6-18.6	0-8.6	4.6-6.6	0-4.6	8.19	2.3	-7.8	PVC	2"	FLS
MW-14(S)	10/24/08	10/24/08	20.8	10.8-20.8	0-10.8	6.8-8.8	0-6.84	8.59	3.1	-6.9	PVC	2"	FLS
MW-15(D)	11/3/08	11/3/08	31.2	21.2-31.2	0-21.2	17.2-19.2	0-17.21	8.38	-6.4	-16.4	SS	2"	FLS
MW-16(S)	11/6/08	11/6/08	20.9	10.9-20.9	0-10.9	6.92-8.92	0-6.92	8.53	2.4	-7.6	PVC	2"	FLS
MW-17(S)	10/29/08	10/29/08	20.5	10.5-20.5	0-10.5	6.5-8.5	0-6.5	9.09	4.3	-5.8	PVC	2"	FLS
MW-18(D)	10/27/08	10/27/08	31.9	21.9-31.9	0-21.9	17.9-19.9	0-17.89	7.98	-8.1	-18.1	SS	2"	FLS
MW-19(D)	11/4/08	11/4/08	35.6	25.6-35.6	0-25.6	21.6-23.6	0-21.57	7.68	-13.5	-23.5	SS	2"	FLS
MW-20(S)	11/4/08	11/4/08	21	11-21	0-11	7-9	0-7	8.22	3.5	-6.5	PVC	2"	FLS
MW-21(S)	11/6/08	11/6/08	21.4	11.4-21.4	0-11.4	7.4-11.4	0-7.4	9.26	3.1	-6.9	PVC	2"	FLS
MW-22(D)	10/27/08	10/27/08	38.8	28.8-38.8	0-28.8	24.8-26.8	0-24.8	8.79	-13.9	-23.9	SS	2"	FLS
MW-23(S)	11/4/08	11/4/08	20.9	10.9-20.9	0-10.9	6.9-8.9	0-6.9	8.23	4.5	-5.5	PVC	2"	FLS

Notes:

ft bg - feet below ground surface

FLS - Fleming Lee Shue, Inc.

D - Deep Well

S - Shallow Well

PVC - Polyvinyl Chloride

SS - Stainless Steel

Elevation in Queens Borough Datum

TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID Sample Date	Regulatory Objectives TOGS	DUP1 11/20/2008	Q	MW-10 11/19/2008	Q	MW-11 (D) 11/20/2008	Q	MW-13 (S) 11/19/2008	Q	MW-18 (D) 11/20/2008	Q	MW-19 (D) 11/19/2008	Q	MW-12 (D) 11/21/2008	Q	MW-15 (D) 11/21/2008	Q	MW-15 (D) 11/21/2008	Q
		Result		Result		Result		Result		Result		Result		Result		Result		Result	
VOCs (µg/L)																			
Acetone	50	21 U		2.1 U		21 U		11 U		5.4 U		21 U		27 U		NA		27 U	
Benzene	1	164		0.26 U		163		64.5		215		29.4		157		NA		40.2	
Bromodichloromethane	50	1.4 U		0.14 U		1.4 U		0.71 U		0.35 U		1.4 U		1.8 U		NA		1.8 U	
Bromoform	50	1.8 U		0.18 U		1.8 U		0.92 U		0.46 U		1.8 U		2.3 U		NA		2.3 U	
Bromomethane	5	3.2 U		0.32 U		3.2 U		1.6 U		0.79 U		3.2 U		3.9 U		NA		3.9 U	
2-Butanone (MEK)	50	23 U		2.3 U		23 U		11 U		5.7 U		23 U		29 U		NA		29 U	
Carbon disulfide	50	1.6 U		0.16 U		1.6 U		0.79 U		0.39 U		1.6 U		2.0 U		NA		2.0 U	
Carbon tetrachloride	5	1.8 U		0.18 U		1.8 U		0.88 U		0.44 U		1.8 U		2.2 U		NA		2.2 U	
Chlorobenzene	5	1.9 U		0.19 U		1.9 U		0.95 U		0.48 U		1.9 U		2.4 U		NA		2.4 U	
Chloroethane	5	2.2 U		0.22 U		2.2 U		1.1 U		0.55 U		2.2 U		2.7 U		NA		2.7 U	
Chloroform	7	1.6 U		0.16 U		1.6 U		0.81 U		0.41 U		1.6 U		2.0 U		NA		2.0 U	
Chloromethane	NS	2.9 U		0.29 U		2.9 U		1.4 U		0.72 U		2.9 U		3.6 U		NA		3.6 U	
Dibromochloromethane	50	1.6 U		0.16 U		1.6 U		0.79 U		0.40 U		1.6 U		2.0 U		NA		2.0 U	
1,1-Dichloroethane	5	2.4 U		0.24 U		2.4 U		1.2 U		0.60 U		2.4 U		3.0 U		NA		3.0 U	
1,2-Dichloroethane	0.6	3.5 U		0.35 U		3.5 U		1.7 U		0.87 U		3.5 U		4.4 U		NA		4.4 U	
1,1-Dichloroethene	5	2.9 U		0.29 U		2.9 U		1.5 U		0.73 U		2.9 U		3.6 U		NA		3.6 U	
cis-1,2-Dichloroethene	NS	2.5 U		0.25 U		2.5 U		1.2 U		0.62 U		2.5 U		3.1 U		NA		3.1 U	
trans-1,2-Dichloroethene	5	1.6 U		0.16 U		1.6 U		0.79 U		0.40 U		1.6 U		2.0 U		NA		2.0 U	
1,2-Dichloroethene (total)	NS	1.6 U		0.16 U		1.6 U		0.79 U		0.40 U		1.6 U		2.0 U		NA		2.0 U	
1,2-Dichloropropane	NS	1.8 U		0.18 U		1.8 U		0.89 U		0.44 U		1.8 U		2.2 U		NA		2.2 U	
cis-1,3-Dichloropropene	NS	1.8 U		0.18 U		1.8 U		0.91 U		0.45 U		1.8 U		2.3 U		NA		2.3 U	
trans-1,3-Dichloropropene	NS	1.5 U		0.15 U		1.5 U		0.74 U		0.37 U		1.5 U		1.9 U		NA		1.9 U	
Ethylbenzene	5	1530		0.87 J		1340		402		587		1050		617		NA		675	
2-Hexanone	50	17 U		1.7 U		17 U		8.6 U		4.3 U		17 U		21 U		NA		21 U	
Methyl Tert Butyl Ether	10	36.0		0.16 U		37.1		0.82 U		2.2 J		1.6 U		17.9		NA		2.0 U	
4-Methyl-2-pentanone(MIBK)	NS	13 U		1.3 U		13 U		6.7 U		3.4 U		13 U		17 U		NA		17 U	
Methylene chloride	5	1.6 U		0.16 U		1.6 U		0.79 U		0.40 U		1.6 U		2.0 U		NA		2.0 U	
Styrene	5	1.7 U		0.17 U		1.7 U		0.84 U		0.42 U		1.7 U		2.1 U		NA		2.1 U	
1,1,2,2-Tetrachloroethane	5	1.3 U		0.13 U		1.3 U		0.67 U		0.33 U		1.3 U		1.7 U		NA		1.7 U	
Tetrachloroethene	5	2.9 U		0.29 U		2.9 U		1.5 U		0.73 U		2.9 U		3.7 U		NA		3.7 U	
Toluene	5	458		0.15 U		445		46.2		23.2		50.2		50.4		NA		8.5 J	
1,1,1-Trichloroethane	5	2.4 U		0.24 U		2.4 U		1.2 U		0.60 U		2.4 U		3.0 U		NA		3.0 U	
1,1,2-Trichloroethane	1	1.7 U		0.17 U		1.7 U		0.83 U		0.42 U		1.7 U		2.1 U		NA		2.1 U	
Trichloroethene	5	1.8 U		0.18 U		1.8 U		0.92 U		0.46 U		1.8 U		2.3 U		NA		2.3 U	
Vinyl chloride	2	2.1 U		0.21 U		2.1 U		1.0 U		0.52 U		2.1 U		2.6 U		NA		2.6 U	
Xylene (total)	5	2670		0.39 U		2380		730		569		1610		568		NA		679	
Total VOCs	NS	4,858		0.87		4,341		513		1,396		2,741		1,410		NA		1,405	

Notes:

-TOGS = Technical and Operational Guidance Series 1.1.1
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Standards dated June 1998
and associated errata and addendums;
values listed are standards and guidance values
(whichever applicable) for Class GA Groundwater;
exceedances denoted by yellow highlight.
VOCs - Volatile organic carbons
NS - No standard
µg/L- micrograms per litre
U - Undetected
J - Detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Therefore result is estimated.
NA - Not Analyzed

TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives TOGS	MW-17 (S)		MW-17 (S)		MW-20 (S)		MW-23 (S)		MW-23 (S)		MW-22(D)		MW-22(D)		MW-9		MW-9	
Sample Date		11/20/2008		11/20/2008		11/21/2008		11/20/2008		11/20/2008		11/23/2008		11/23/2008		11/24/2008		11/24/2008	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs (µg/L)																			
Acetone	50	NA		5.4	U		4.3	U		NA		27	U		NA			210	U
Benzene	1	NA		8.2			0.52	U		NA		140			NA			1210	
Bromodichloromethane	50	NA		0.35	U		0.28	U		NA		1.8	U		NA			14	U
Bromoform	50	NA		0.46	U		0.37	U		NA		2.3	U		NA			18	U
Bromomethane	5	NA		0.79	U		0.63	U		NA		3.9	U		NA			32	U
2-Butanone (MEK)	50	NA		5.7	U		4.6	U		NA		29	U		NA			230	U
Carbon disulfide	50	NA		0.39	U		0.31	U		NA		2.0	U		NA			16	U
Carbon tetrachloride	5	NA		0.44	U		0.35	U		NA		2.2	U		NA			18	U
Chlorobenzene	5	NA		0.48	U		0.38	U		NA		2.4	U		NA			19	U
Chloroethane	5	NA		0.55	U		0.44	U		NA		2.7	U		NA			22	U
Chloroform	7	NA		0.41	U		0.32	U		NA		2.0	U		NA			16	U
Chloromethane	NS	NA		0.76	J		0.58	U		NA		3.6	U		NA			29	U
Dibromochloromethane	50	NA		0.40	U		0.32	U		NA		2.0	U		NA			16	U
1,1-Dichloroethane	5	NA		0.60	U		0.48	U		NA		3.0	U		NA			24	U
1,2-Dichloroethane	0.6	NA		0.87	U		0.70	U		NA		4.4	U		NA			35	U
1,1-Dichloroethene	5	NA		0.73	U		0.58	U		NA		3.6	U		NA			29	U
cis-1,2-Dichloroethene	NS	NA		0.62	U		0.49	U		NA		3.1	U		NA			25	U
trans-1,2-Dichloroethene	5	NA		0.40	U		0.32	U		NA		2.0	U		NA			16	U
1,2-Dichloroethene (total)	NS	NA		0.40	U		0.32	U		NA		2.0	U		NA			16	U
1,2-Dichloropropane	NS	NA		0.44	U		0.35	U		NA		2.2	U		NA			18	U
cis-1,3-Dichloropropene	NS	NA		0.45	U		0.36	U		NA		2.3	U		NA			18	U
trans-1,3-Dichloropropene	NS	NA		0.37	U		0.30	U		NA		1.9	U		NA			15	U
Ethylbenzene	5	NA		34.6			11.2			NA		714			NA			1280	
2-Hexanone	50	NA		4.3	U		3.4	U		NA		21	U		NA			170	U
Methyl Tert Butyl Ether	10	NA		0.41	U		0.33	U		NA		2.0	U		NA			16	U
4-Methyl-2-pentanone(MIBK)	NS	NA		3.4	U		2.7	U		NA		17	U		NA			130	U
Methylene chloride	5	NA		0.40	U		0.32	U		NA		2.0	U		NA			16	U
Styrene	5	NA		0.42	U		0.34	U		NA		2.1	U		NA			17	U
1,1,2,2-Tetrachloroethane	5	NA		0.33	U		0.27	U		NA		1.7	U		NA			13	U
Tetrachloroethene	5	NA		0.73	U		0.59	U		NA		3.7	U		NA			29	U
Toluene	5	NA		1.1	J		1.2	J		NA		31.2			NA			14000	
1,1,1-Trichloroethane	5	NA		0.60	U		0.48	U		NA		3.0	U		NA			24	U
1,1,2-Trichloroethane	1	NA		0.42	U		0.33	U		NA		2.1	U		NA			17	U
Trichloroethene	5	NA		0.46	U		0.37	U		NA		2.3	U		NA			18	U
Vinyl chloride	2	NA		0.52	U		0.41	U		NA		2.6	U		NA			21	U
Xylene (total)	5	NA		39.2			27.7			NA		916			NA			5120	
Total VOCs	NS			84			40			NA		1,801			4,034			21,610	

Notes:

-TOGS = Technical and Operational Guidance Series 1.1.1
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Standards dated June 1998
and associated errata and addendums;
values listed are standards and guidance values
(whichever applicable) for Class GA Groundwater;
exceedances denoted by yellow highlight.
VOCs - Volatile organic carbons
NS - No standard
µg/L- micrograms per litre
U - Undetected
J - Detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Therefore result is estimated.
NA - Not Analyzed

TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID Sample Date	Regulatory Objectives TOGS	MW-14 (S) 11/24/2008	Q	MW-14 (S) 11/24/2008	Q	MW-16 (S) 11/24/2008	Q	MW-21 (S) 11/24/2008	Q	MW-2 11/25/2008	Q	MW-2 11/25/2008	Q	MW-8 11/25/2008	Q	MW-8 11/25/2008	Q	MW-7R 1/6/2009	Q
		Result		Result		Result		Result		Result		Result		Result		Result		Result	
VOCs (µg/L)																			
Acetone	50	NA		110 U		110 U		43 U		NA		4.3 U		NA		8.4 J		54 U	
Benzene	1	NA		3720		5050		441		NA		496		NA		20.3		5120	
Bromodichloromethane	50	NA		7.1 U		7.1 U		2.8 U		NA		0.28 U		NA		0.14 U		3.5 U	
Bromoform	50	NA		9.2 U		9.2 U		3.7 U		NA		0.37 U		NA		0.18 U		4.6 U	
Bromomethane	5	NA		16 U		16 U		6.3 U		NA		0.63 U		NA		0.32 U		7.9 U	
2-Butanone (MEK)	50	NA		110 U		110 U		46 U		NA		4.6 U		NA		2.3 U		57 U	
Carbon disulfide	50	NA		7.9 U		7.9 U		3.1 U		NA		0.31 U		NA		0.16 U		3.9 U	
Carbon tetrachloride	5	NA		8.8 U		8.8 U		3.5 U		NA		0.35 U		NA		0.18 U		4.4 U	
Chlorobenzene	5	NA		9.5 U		9.5 U		3.8 U		NA		0.38 U		NA		0.19 U		4.8 U	
Chloroethane	5	NA		11 U		11 U		4.4 U		NA		0.44 U		NA		0.22 U		5.5 U	
Chloroform	7	NA		8.1 U		8.1 U		3.2 U		NA		0.32 U		NA		0.16 U		4.1 U	
Chloromethane	NS	NA		14 U		14 U		5.8 U		NA		0.58 U		NA		0.29 U		7.2 U	
Dibromochloromethane	50	NA		7.9 U		7.9 U		3.2 U		NA		0.32 U		NA		0.16 U		4.0 U	
1,1-Dichloroethane	5	NA		12 U		12 U		4.8 U		NA		0.48 U		NA		0.24 U		6.0 U	
1,2-Dichloroethane	0.6	NA		17 U		17 U		7.0 U		NA		0.70 U		NA		0.35 U		8.7 U	
1,1-Dichloroethene	5	NA		15 U		15 U		5.8 U		NA		0.58 U		NA		0.29 U		7.3 U	
cis-1,2-Dichloroethene	NS	NA		12 U		12 U		4.9 U		NA		0.49 U		NA		0.25 U		6.2 U	
trans-1,2-Dichloroethene	5	NA		7.9 U		7.9 U		3.2 U		NA		0.32 U		NA		0.16 U		4.0 U	
1,2-Dichloroethene (total)	NS	NA		7.9 U		7.9 U		3.2 U		NA		0.32 U		NA		0.16 U		4.0 U	
1,2-Dichloropropane	NS	NA		8.9 U		8.9 U		3.5 U		NA		0.35 U		NA		0.18 U		4.4 U	
cis-1,3-Dichloropropene	NS	NA		9.1 U		9.1 U		3.6 U		NA		0.36 U		NA		0.18 U		4.5 U	
trans-1,3-Dichloropropene	NS	NA		7.4 U		7.4 U		3.0 U		NA		0.30 U		NA		0.15 U		3.7 U	
Ethylbenzene	5	NA		3150		1260		531		NA		848		NA		155		904	
2-Hexanone	50	NA		86 U		86 U		34 U		NA		3.4 U		NA		1.7 U		43 U	
Methyl Tert Butyl Ether	10	NA		8.2 U		8.2 U		3.3 U		NA		28.1		NA		1.1		4.1 U	
4-Methyl-2-pentanone(MIBK)	NS	NA		67 U		67 U		27 U		NA		2.7 U		NA		1.3 U		34 U	
Methylene chloride	5	NA		7.9 U		7.9 U		3.2 U		NA		0.32 U		NA		0.16 U		4.0 U	
Styrene	5	NA		8.4 U		8.4 U		3.4 U		NA		0.34 U		NA		0.17 U		4.2 U	
1,1,2,2-Tetrachloroethane	5	NA		6.7 U		6.7 U		2.7 U		NA		0.27 U		NA		0.13 U		3.3 U	
Tetrachloroethene	5	NA		15 U		15 U		5.9 U		NA		0.59 U		NA		0.29 U		7.3 U	
Toluene	5	NA		6150		9690		115		NA		72.2		NA		6.7		671	
1,1,1-Trichloroethane	5	NA		12 U		12 U		4.8 U		NA		0.48 U		NA		0.24 U		6.0 U	
1,1,2-Trichloroethane	1	NA		8.3 U		8.3 U		3.3 U		NA		0.33 U		NA		0.17 U		4.2 U	
Trichloroethene	5	NA		9.2 U		9.2 U		3.7 U		NA		0.37 U		NA		0.18 U		4.6 U	
Vinyl chloride	2	NA		10 U		10 U		4.1 U		NA		0.41 U		NA		0.21 U		5.2 U	
Xylene (total)	5	NA		11100		5220		2310		NA		548		NA		381		2510	
Total VOCs	NS	NA		24,120		21,220		3,397		NA		1,992		NA		573		9,205	

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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID Sample Date	Regulatory Objectives TOGS	DUP1 11/20/2008 Result Q	MW-10 11/19/2008 Result Q	MW-11 (D) 11/20/2008 Result Q	MW-13 (S) 11/19/2008 Result Q	MW-18 (D) 11/20/2008 Result Q	MW-19 (D) 11/19/2008 Result Q	MW-12 (D) 11/21/2008 Result Q	MW-15 (D) 11/21/2008 Result Q	MW-15 (D) 11/21/2008 Result Q
SVOCs (µg/L)										
2-Chlorophenol	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	NA	1.5 U
4-Chloro-3-methyl phenol	NS	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	NA	2.3 U
2,4-Dichlorophenol	5	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	NA	1.9 U
2,4-Dimethylphenol	1	2.0 U	2.0 U	2.0 U	49.7	305	2.0 U	14.7	NA	21.7
2,4-Dinitrophenol	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	NA	4.2 U
4,6-Dinitro-o-cresol	NS	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U
2-Methylphenol	NS	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	20.1	NA	1.4 U
3&4-Methylphenol	NS	1.5 U	1.5 U	1.5 U	10.1	1.5 U	1.5 U	1.5 U	NA	1.5 U
2-Nitrophenol	1	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	NA	1.9 U
4-Nitrophenol	1	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	NA	2.3 U
Pentachlorophenol	NS	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U
Phenol	1	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	46.0	NA	1.4 U
2,4,5-Trichlorophenol	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	NA	2.0 U
2,4,6-Trichlorophenol	1	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	NA	1.6 U
Acenaphthene	20	370	1.0	383	248	206	299	405	NA	388
Acenaphthylene	NS	5.0	0.54 U	5.2	5.7	1.9	6.5	2.6	NA	7.3
Anthracene	50	18.0	0.42 U	20.7	11.7	7.1	13.8	8.0	NA	12.8
Benzo(a)anthracene	0.002	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.44 J	0.38 U	NA	0.41 J
Benzo(a)pyrene	0.002	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	NA	0.48 U
Benzo(b)fluoranthene	0.002	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	NA	0.53 U
Benzo(g,h,i)perylene	5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	NA	0.46 U
Benzo(k)fluoranthene	0.002	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	NA	0.57 U
4-Bromophenyl phenyl ether	NS	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	NA	0.41 U
Butyl benzyl phthalate	50	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	NA	0.42 U
2-Chloronaphthalene	NS	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	NA	0.48 U
4-Chloroaniline	5	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	NA	0.33 U
Carbazole	NS	176	0.45 U	180	149	30.0	45.2	60.3	NA	13.1
Chrysene	0.002	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	NA	0.44 U
bis(2-Chloroethoxy)methane	5	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	NA	0.52 U
bis(2-Chloroethyl)ether	1	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	NA	0.49 U
bis(2-Chloroisopropyl)ether	NS	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	NA	0.54 U

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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID Sample Date	Regulatory Objectives TOGS	DUP1 11/20/2008 Result Q	MW-10 11/19/2008 Result Q	MW-11 (D) 11/20/2008 Result Q	MW-13 (S) 11/19/2008 Result Q	MW-18 (D) 11/20/2008 Result Q	MW-19 (D) 11/19/2008 Result Q	MW-12 (D) 11/21/2008 Result Q	MW-15 (D) 11/21/2008 Result Q	MW-15 (D) 11/21/2008 Result Q
SVOCs (µg/L)										
4-Chlorophenyl phenyl ether	NS	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
1,2-Dichlorobenzene	3	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	NA	0.35 U
1,3-Dichlorobenzene	3	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	NA	0.33 U
1,4-Dichlorobenzene	3	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	NA	0.35 U
2,4-Dinitrotoluene	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
2,6-Dinitrotoluene	5	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	NA	0.60 U
3,3'-Dichlorobenzidine	5	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	NA	4.6 U
Dibenzo(a,h)anthracene	50	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
Dibenzofuran	NS	250	0.49 U	259	170	101	205	226	NA	218
Di-n-butyl phthalate	50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U
Di-n-octyl phthalate	50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U
Diethyl phthalate	50	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	NA	0.36 U
Dimethyl phthalate	50	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	NA	0.36 U
bis(2-Ethylhexyl)phthalate	5	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	NA	1.6 J
Fluoranthene	50	4.8	1.1	6.5	4.8	5.0	4.5	7.2	NA	5.6
Fluorene	50	132	0.40 U	139	71.0	40.1	128	85.8	NA	47.1
Hexachlorobenzene	0.04	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
Hexachlorobutadiene	0.5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	NA	0.38 U
Hexachlorocyclopentadiene	5	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	NA	4.5 U
Hexachloroethane	5	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	NA	0.30 U
Indeno(1,2,3-cd)pyrene	0.002	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	NA	0.42 U
Isophorone	5	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	NA	0.69 U
2-Methylnaphthalene	NS	970	0.43 U	980	719	69.0	843	354	NA	52.1
2-Nitroaniline	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
3-Nitroaniline	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
4-Nitroaniline	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	NA	0.45 U
Naphthalene	10	17100	6.8	17300	10300	5640	11200	0.32 U	NA	0.32 U
Nitrobenzene	0.4	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	NA	0.66 U
N-Nitroso-di-n-propylamine	NS	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	NA	0.39 U
N-Nitrosodiphenylamine	50	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	NA	0.61 U
Phenanthrene	50	78.9	0.34 U	85.3	56.4	60.3	74.6	99.3	NA	62.8
Pyrene	50	3.0	0.93 J	3.7	2.9	2.3	3.0	3.6	NA	3.2
1,2,4-Trichlorobenzene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	NA	0.37 U
Total SVOCs		19,108	3.0	19,362	11,739	6,163	12,823	1,318	NA	813

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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID Sample Date	Regulatory Objectives TOGS	MW-17 (S) 11/20/2008 Result Q	MW-17 (S) 11/20/2008 Result Q	MW-20 (S) 11/21/2008 Result Q	MW-23 (S) 11/20/2008 Result Q	MW-23 (S) 11/20/2008 Result Q	MW-22(D) 11/23/2008 Result Q	MW-22(D) 11/23/2008 Result Q	MW-9 11/24/2008 Result Q	MW-9 11/24/2008 Result Q
SVOCs (µg/L)										
2-Chlorophenol	NS	NA	1.5 U	1.5 U	NA	1.5 U	NA	1.5 U	NA	1.5 U
4-Chloro-3-methyl phenol	NS	NA	2.3 U	2.3 U	NA	2.3 U	NA	2.3 U	NA	2.3 U
2,4-Dichlorophenol	5	NA	1.9 U	1.9 U	NA	1.9 U	NA	1.9 U	NA	1.9 U
2,4-Dimethylphenol	1	NA	2.0 U	2.0 U	NA	30.3	NA	147	NA	342 J
2,4-Dinitrophenol	10	NA	4.2 U	4.2 U	NA	4.2 U	NA	4.2 U	NA	4.2 U
4,6-Dinitro-o-cresol	NS	NA	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
2-Methylphenol	NS	NA	1.4 U	1.4 U	NA	2.4	NA	39.9	NA	28.8
3&4-Methylphenol	NS	NA	1.5 U	1.5 U	NA	3.3	NA	57.7	NA	42.7
2-Nitrophenol	1	NA	1.9 U	1.9 U	NA	1.9 U	NA	1.9 U	NA	1.9 U
4-Nitrophenol	1	NA	2.3 U	2.3 U	NA	2.3 U	NA	2.3 U	NA	2.3 U
Pentachlorophenol	NS	NA	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Phenol	1	NA	1.4 U	1.4 U	NA	1.4 U	NA	5.0	NA	5.4
2,4,5-Trichlorophenol	1	NA	2.0 U	2.0 U	NA	2.0 U	NA	2.0 U	NA	2.0 U
2,4,6-Trichlorophenol	1	NA	1.6 U	1.6 U	NA	1.6 U	NA	1.6 U	NA	1.6 U
Acenaphthene	20	NA	173	45.5	NA	334	NA	127	NA	166
Acenaphthylene	NS	NA	2.7	35.5	NA	9.4	NA	21.8	NA	4.6
Anthracene	50	NA	11.3	36.2	NA	26.3	NA	8.4	NA	5.8
Benzo(a)anthracene	0.002	NA	0.68 J	27.0	NA	6.8	NA	0.38 U	NA	0.38 U
Benzo(a)pyrene	0.002	NA	0.48 U	22.2	NA	5.6	NA	0.48 U	NA	0.48 U
Benzo(b)fluoranthene	0.002	NA	0.53 U	15.2	NA	4.5	NA	0.53 U	NA	0.53 U
Benzo(g,h,i)perylene	5	NA	0.46 U	10.2	NA	3.5	NA	0.46 U	NA	0.46 U
Benzo(k)fluoranthene	0.002	NA	0.57 U	15.7	NA	3.7	NA	0.57 U	NA	0.57 U
4-Bromophenyl phenyl ether	NS	NA	0.41 U	0.41 U	NA	0.41 U	NA	0.41 U	NA	0.41 U
Butyl benzyl phthalate	50	NA	0.42 U	0.42 U	NA	0.42 U	NA	0.42 U	NA	0.42 U
2-Chloronaphthalene	NS	NA	0.48 U	0.48 U	NA	0.48 U	NA	0.48 U	NA	0.48 U
4-Chloroaniline	5	NA	0.33 U	0.33 U	NA	0.33 U	NA	0.33 U	NA	0.33 U
Carbazole	NS	NA	18.8	34.6	NA	99.0	NA	133	NA	55.7
Chrysene	0.002	NA	0.65 J	27.3	NA	7.1	NA	0.44 U	NA	0.44 U
bis(2-Chloroethoxy)methane	5	NA	0.52 U	0.52 U	NA	0.52 U	NA	0.52 U	NA	0.52 U
bis(2-Chloroethyl)ether	1	NA	0.49 U	0.49 U	NA	0.49 U	NA	0.49 U	NA	0.49 U
bis(2-Chloroisopropyl)ether	NS	NA	0.54 U	0.54 U	NA	0.54 U	NA	0.54 U	NA	0.54 U

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47th Road, Long Island City, NY
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Sample ID	Regulatory	MW-17 (S)	MW-17 (S)	MW-20 (S)	MW-23 (S)	MW-23 (S)	MW-22(D)	MW-22(D)	MW-9	MW-9
Sample Date	Objectives	11/20/2008	11/20/2008	11/21/2008	11/20/2008	11/20/2008	11/23/2008	11/23/2008	11/24/2008	11/24/2008
	TOGS	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
SVOCs (µg/L)										
4-Chlorophenyl phenyl ether	NS	NA	0.45 U	0.45 U	NA	0.45 U	NA	0.45 U	NA	0.45 U
1,2-Dichlorobenzene	3	NA	0.35 U	0.35 U	NA	0.35 U	NA	0.35 U	NA	0.35 U
1,3-Dichlorobenzene	3	NA	0.33 U	0.33 U	NA	0.33 U	NA	0.33 U	NA	0.33 U
1,4-Dichlorobenzene	3	NA	0.35 U	0.35 U	NA	0.35 U	NA	0.35 U	NA	0.35 U
2,4-Dinitrotoluene	5	NA	0.45 U	0.45 U	NA	0.45 U	NA	0.45 U	NA	0.45 U
2,6-Dinitrotoluene	5	NA	0.60 U	0.60 U	NA	0.60 U	NA	0.60 U	NA	0.60 U
3,3'-Dichlorobenzidine	5	NA	4.6 U	4.6 U	NA	4.6 U	NA	4.6 U	NA	4.6 U
Dibenzo(a,h)anthracene	50	NA	0.45 U	4.1	NA	1.0	NA	0.45 U	NA	0.45 U
Dibenzofuran	NS	NA	61.4	55.2	NA	220	NA	106	NA	70.2
Di-n-butyl phthalate	50	NA	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U
Di-n-octyl phthalate	50	NA	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U
Diethyl phthalate	50	NA	0.36 U	0.36 U	NA	0.36 U	NA	0.36 U	NA	0.36 U
Dimethyl phthalate	50	NA	0.36 U	0.36 U	NA	0.36 U	NA	0.36 U	NA	0.36 U
bis(2-Ethylhexyl)phthalate	5	NA	0.75 U	0.75 U	NA	0.75 U	NA	0.75 U	NA	0.75 U
Fluoranthene	50	NA	10.7	62.5	NA	34.9	NA	2.0	NA	3.0
Fluorene	50	NA	51.3	38.6	NA	130	NA	65.7	NA	47.4
Hexachlorobenzene	0.04	NA	0.45 U	0.45 U	NA	0.45 U	NA	0.45 U	NA	0.45 U
Hexachlorobutadiene	0.5	NA	0.38 U	0.38 U	NA	0.38 U	NA	0.38 U	NA	0.38 U
Hexachlorocyclopentadiene	5	NA	4.5 U	4.5 U	NA	4.5 U	NA	4.5 U	NA	4.5 U
Hexachloroethane	5	NA	0.30 U	0.30 U	NA	0.30 U	NA	0.30 U	NA	0.30 U
Indeno(1,2,3-cd)pyrene	0.002	NA	0.42 U	9.7	NA	2.8	NA	0.42 U	NA	0.42 U
Isophorone	5	NA	0.69 U	0.69 U	NA	0.69 U	NA	0.69 U	NA	0.69 U
2-Methylnaphthalene	NS	NA	87.2	14.7	NA	463	NA	644	NA	481
2-Nitroaniline	5	NA	0.45 U	0.45 U	NA	0.45 U	NA	0.45 U	NA	0.45 U
3-Nitroaniline	5	NA	0.45 U	0.45 U	NA	0.45 U	NA	0.45 U	NA	0.45 U
4-Nitroaniline	5	NA	0.45 U	0.45 U	NA	0.45 U	NA	0.45 U	NA	0.45 U
Naphthalene	10	NA	387	486	NA	0.32 U	NA	12900	NA	6640
Nitrobenzene	0.4	NA	0.66 U	0.66 U	NA	0.66 U	NA	0.66 U	NA	0.66 U
N-Nitroso-di-n-propylamine	NS	NA	0.39 U	0.39 U	NA	0.39 U	NA	0.39 U	NA	0.39 U
N-Nitrosodiphenylamine	50	NA	0.61 U	0.61 U	NA	0.61 U	NA	0.61 U	NA	0.61 U
Phenanthrene	50	NA	77.1	128	NA	192	NA	36.1	NA	38.1
Pyrene	50	NA	6.5	53.1	NA	27.8	NA	0.91 J	NA	1.2
1,2,4-Trichlorobenzene	5	NA	0.37 U	0.37 U	NA	0.37 U	NA	0.37 U	NA	0.37 U
Total SVOCs		NA	787	1,011		1,466	NA	14,095	NA	7,935

Notes:

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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID Sample Date	Regulatory Objectives TOGS	MW-14 (S) 11/24/2008 Result Q	MW-14 (S) 11/24/2008 Result Q	MW-16 (S) 11/24/2008 Result Q	MW-21 (S) 11/24/2008 Result Q	MW-2 11/25/2008 Result Q	MW-2 11/25/2008 Result Q	MW-8 11/25/2008 Result Q	MW-8 11/25/2008 Result Q	MW-7R 1/6/2009 Result Q
SVOCs (µg/L)										
2-Chlorophenol	NS	NA	1.5 U	1.5 U	1.5 U	NA	1.5 U	NA	1.5 U	1.5 U
4-Chloro-3-methyl phenol	NS	NA	2.3 U	2.3 U	2.3 U	NA	2.3 U	NA	2.3 U	2.3 U
2,4-Dichlorophenol	5	NA	1.9 U	1.9 U	1.9 U	NA	1.9 U	NA	1.9 U	1.9 U
2,4-Dimethylphenol	1	NA	1360	1140	236	NA	39.1	NA	56.3	1260
2,4-Dinitrophenol	10	NA	4.2 U	4.2 U	4.2 U	NA	4.2 U	NA	4.2 U	4.2 U
4,6-Dinitro-o-cresol	NS	NA	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	1.2 U
2-Methylphenol	NS	NA	84.9	975	12.6	NA	18.9	NA	75.4	1.4 U
3&4-Methylphenol	NS	NA	182	790	8.6	NA	1.5 U	NA	16.8	1.5 U
2-Nitrophenol	1	NA	1.9 U	1.9 U	1.9 U	NA	1.9 U	NA	1.9 U	1.9 U
4-Nitrophenol	1	NA	2.3 U	2.3 U	2.3 U	NA	2.3 U	NA	2.3 U	2.3 U
Pentachlorophenol	NS	NA	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	1.2 U
Phenol	1	NA	40.4	99.2	4.5	NA	3.7	NA	1.4 U	7.5
2,4,5-Trichlorophenol	1	NA	2.0 U	2.0 U	2.0 U	NA	2.0 U	NA	2.0 U	2.0 U
2,4,6-Trichlorophenol	1	NA	1.6 U	1.6 U	1.6 U	NA	1.6 U	NA	1.6 U	1.6 U
Acenaphthene	20	NA	187	155	173	372	367	290	279	89.1
Acenaphthylene	NS	NA	9.2	38.3	10.7	0.54 U	0.54 U	1.9	2.0	17.1
Anthracene	50	NA	28.2	24.1	15.1	0.42 U	1.7	8.5	10.4	9.7
Benzo(a)anthracene	0.002	NA	5.0	6.5	0.75 J	0.38 U	0.38 U	0.38 U	0.38 U	0.53 J
Benzo(a)pyrene	0.002	NA	3.7	5.8	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Benzo(b)fluoranthene	0.002	NA	2.7	3.6	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Benzo(g,h,i)perylene	5	NA	1.9	3.2	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Benzo(k)fluoranthene	0.002	NA	2.7	3.0	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
4-Bromophenyl phenyl ether	NS	NA	0.41 U	0.41 U	0.41 U	NA	0.41 U	NA	0.41 U	0.41 U
Butyl benzyl phthalate	50	NA	0.42 U	0.42 U	0.42 U	NA	0.42 U	NA	0.42 U	0.42 U
2-Chloronaphthalene	NS	NA	0.48 U	0.48 U	0.48 U	NA	0.48 U	NA	0.48 U	0.48 U
4-Chloroaniline	5	NA	0.33 U	0.33 U	0.33 U	NA	0.33 U	NA	0.33 U	0.33 U
Carbazole	NS	NA	183	232	151	NA	163	NA	195	49.8
Chrysene	0.002	NA	4.4	5.5	0.65 J	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
bis(2-Chloroethoxy)methane	5	NA	0.52 U	0.52 U	0.52 U	NA	0.52 U	NA	0.52 U	0.52 U
bis(2-Chloroethyl)ether	1	NA	0.49 U	0.49 U	0.49 U	NA	0.49 U	NA	0.49 U	0.49 U
bis(2-Chloroisopropyl)ether	NS	NA	0.54 U	0.54 U	0.54 U	NA	0.54 U	NA	0.54 U	0.54 U

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SVOCs - Semi-Volatile organic carbons
NS - No standard
µg/L- micrograms per litre
U - Undetected
J - Detected above qualitative method detection limit (MDL)
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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	MW-14 (S)	MW-14 (S)	MW-16 (S)	MW-21 (S)	MW-2	MW-2	MW-8	MW-8	MW-7R	
Sample Date	TOGS	11/24/2008	11/24/2008	11/24/2008	11/24/2008	11/25/2008	11/25/2008	11/25/2008	11/25/2008	1/6/2009	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs (µg/L)											
4-Chlorophenyl phenyl ether	NS	NA		0.45 U		0.45 U		0.45 U		NA	0.45 U
1,2-Dichlorobenzene	3	NA		0.35 U		0.35 U		0.35 U		NA	0.35 U
1,3-Dichlorobenzene	3	NA		0.33 U		0.33 U		0.33 U		NA	0.33 U
1,4-Dichlorobenzene	3	NA		0.35 U		0.35 U		0.35 U		NA	0.35 U
2,4-Dinitrotoluene	5	NA		0.45 U		0.45 U		0.45 U		NA	0.45 U
2,6-Dinitrotoluene	5	NA		0.60 U		0.60 U		0.60 U		NA	0.60 U
3,3'-Dichlorobenzidine	5	NA		4.6 U		4.6 U		4.6 U		NA	4.6 U
Dibenzo(a,h)anthracene	50	NA		0.63 J		1.5	0.45 U	0.45 U		0.45 U	0.45 U
Dibenzofuran	NS	NA		162		154	137	NA	208	NA	189
Di-n-butyl phthalate	50	NA		0.50 U		0.50 U		0.50 U		NA	0.50 U
Di-n-octyl phthalate	50	NA		0.50 U		0.50 U		0.50 U		NA	0.50 U
Diethyl phthalate	50	NA		0.36 U		0.36 U		0.36 U		NA	0.36 U
Dimethyl phthalate	50	NA		0.36 U		0.36 U		0.36 U		NA	0.36 U
bis(2-Ethylhexyl)phthalate	5	NA		0.75 U		0.75 U		0.75 U		NA	0.75 U
Fluoranthene	50	NA		21.3		20.9	7.5	0.40 U	0.40 U	1.6	1.8
Fluorene	50	NA		81.0		84.6	80.5	162	160	88.4	80.2
Hexachlorobenzene	0.04	NA		0.45 U		0.45 U		0.45 U		NA	0.45 U
Hexachlorobutadiene	0.5	NA		0.38 U		0.38 U		0.38 U		NA	0.38 U
Hexachlorocyclopentadiene	5	NA		4.5 U		4.5 U		4.5 U		NA	4.5 U
Hexachloroethane	5	NA		0.30 U		0.30 U		0.30 U		NA	0.30 U
Indeno(1,2,3-cd)pyrene	0.002	NA		1.8		2.7	0.42 U	0.42 U		0.42 U	0.42 U
Isophorone	5	NA		0.69 U		0.69 U		0.69 U		NA	0.69 U
2-Methylnaphthalene	NS	NA		929		775	644	NA	0.73 J	NA	415
2-Nitroaniline	5	NA		0.45 U		0.45 U		0.45 U		NA	0.45 U
3-Nitroaniline	5	NA		0.45 U		0.45 U		0.45 U		NA	0.45 U
4-Nitroaniline	5	NA		0.45 U		0.45 U		0.45 U		NA	0.45 U
Naphthalene	10	NA		12700		12500	9400	634	563	0.32 U	0.32 U
Nitrobenzene	0.4	NA		0.66 U		0.66 U		0.66 U		NA	0.66 U
N-Nitroso-di-n-propylamine	NS	NA		0.39 U		0.39 U		0.39 U		NA	0.39 U
N-Nitrosodiphenylamine	50	NA		0.61 U		0.61 U		6.5		NA	0.61 U
Phenanthrene	50	NA		95.2		92.7	72.7	113	94.4	48.9	50.1
Pyrene	50	NA		17.2		18.1	5.0	0.48 U	0.48 U	0.67 J	0.81 J
1,2,4-Trichlorobenzene	5	NA		0.37 U		0.37 U		0.37 U		NA	0.37 U
Total SVOCs		NA		16,101		17,128	10,179	0	1,074	97	1,097
											1,774

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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	DUP1	MW-10	MW-11 (D)	MW-13 (S)	MW-18 (D)	MW-19 (D)	MW-12 (D)	MW-15 (D)	MW-15 (D)
Sample Date	TOGS	11/20/2008	11/19/2008	11/20/2008	11/19/2008	11/20/2008	11/19/2008	11/21/2008	11/21/2008	11/21/2008
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Pesticides/PCBs (µg/L)										
Aldrin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan-I	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan-II	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	MW-17 (S)	MW-17 (S)	MW-20 (S)	MW-23 (S)	MW-23 (S)	MW-22(D)	MW-22(D)	MW-9	MW-9
Sample Date	TOGS	11/20/2008	11/20/2008	11/21/2008	11/20/2008	11/20/2008	11/23/2008	11/23/2008	11/24/2008	11/24/2008
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Pesticides/PCBs (µg/L)										
Aldrin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan-I	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan-II	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	MW-14 (S)	MW-14 (S)	MW-16 (S)	MW-21 (S)	MW-2	MW-2	MW-8	MW-8	MW-7R
Sample Date	TOGS	11/24/2008	11/24/2008	11/24/2008	11/24/2008	11/25/2008	11/25/2008	11/25/2008	11/25/2008	1/6/2009
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Pesticides/PCBs (µg/L)										
Aldrin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan-I	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan-II	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	35	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Analytical Results for Groundwater Sampling

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47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives TOGS	DUP1	MW-10	MW-11 (D)	MW-13 (S)	MW-18 (D)	MW-19 (D)	MW-12 (D)	MW-15 (D)	MW-15 (D)
Sample Date		11/20/2008	11/19/2008	11/20/2008	11/19/2008	11/20/2008	11/19/2008	11/21/2008	11/21/2008	11/21/2008
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Metals (µg/L)										
Aluminum	NS	255	200 U	200 U	632	200 U	200 U	324	NA	231
Antimony	3	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	NA	6.0 U
Arsenic	25	15.7	3.0 U	16.2	4.3	7.7	7.1	8.4	NA	8.0 U
Barium	1,000	200 U	200 U	200 U	204	200 U	200 U	200 U	NA	200 U
Beryllium	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U
Cadmium	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U
Calcium	NS	58500	115000	50400	337000	101000	98700	32500	NA	186000
Chromium	50	151	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U
Cobalt	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U
Copper	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U
Iron	300	2080	193	1120	3960	5790	1910	956	NA	1110
Lead	25	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U
Magnesium	35,000	58000	142000	54200	157000	126000	178000	60600	NA	72600
Manganese	300	270	119	240	927	1210	265	89.2	NA	265
Mercury	0.7	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U
Nickel	100	80.5	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U
Potassium	NS	184000	62300	173000	60300	105000	81900	263000	NA	28000
Selenium	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U
Silver	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U
Sodium	20,000	329000	998000	313000	89400	591000	1370000	484000	NA	153000
Thallium	0.5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	NA	10 U
Vanadium	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U
Zinc	2,000	20 U	20 U	28.9	20 U	20 U	20 U	20 U	NA	20 U
Methane (µg/L)										
Methane	NS	1700	851	1680	134	1570	804	1250	NA	618
General Chemistry (mg/L)										
Nitrogen, Nitrate + Nitrite	NS	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NA	0.10 U
Nitrogen, Nitrate	NS	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	NA	0.11 U
Alkalinity, Bicarbonate	NS	613	577	586	1410	1090	750	752	NA	925
Alkalinity, Carbonate	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.8	NA	10.5
Hardness, Total as CaCO3	NS	336	776	330	1470	782	947	289	NA	662
Nitrogen, Nitrite	NS	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	NA	0.010 U
Alkalinity, Total as CaCO3	NS	616	579	589	1410	1090	753	762	NA	936
Solids, Total Dissolved	NS	1460	3310	1430	1820	2380	4780	1930	NA	988
Sulfide	NS	2.0 U	12.9	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	NA	2.0 U
BOD, 5 Day	NS	NA	NA	NA	NA	NA	NA	NA	NA	32.2
Chemical Oxygen Demand	NS	NA	NA	NA	NA	NA	NA	NA	NA	59.8
Total Organic Carbon	NS	NA	NA	NA	NA	NA	NA	NA	NA	14.6
Chloride	NS	389	1540	393	27.0	778	2350	558	NA	58.5
Sulfate	NS	90.3	248	93.1	285	150	152	213	NA	27.2
Density (g/ml)	NS							NA	0.98	NA

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µg/L - micrograms per litre
g/ml - grams per milliter
U - Undetected
J - Detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Therefore result is estimated.
NA - Not Analyzed

TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	MW-17 (S)	MW-17 (S)	MW-20 (S)	MW-23 (S)	MW-23 (S)	MW-22(D)	MW-22(D)	MW-9	MW-9
Sample Date	TOGS	11/20/2008	11/20/2008	11/21/2008	11/20/2008	11/20/2008	11/23/2008	11/23/2008	11/24/2008	11/24/2008
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Metals (µg/L)										
Aluminum	NS	NA	450	18200	NA	3870	NA	200 U	NA	244
Antimony	3	NA	6.0 U	6.0 U	NA	6.0 U	NA	6.0 U	NA	6.0 U
Arsenic	25	NA	8.0 U	8.0 U	NA	21.3	NA	5.9	NA	3.0 U
Barium	1,000	NA	200 U	200 U	NA	200 U	NA	498	NA	200 U
Beryllium	3	NA	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Cadmium	5	NA	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 U
Calcium	NS	NA	214000	163000	NA	319000	NA	30600	NA	316000
Chromium	50	NA	10 U	21.5	NA	10 U	NA	10 U	NA	10 U
Cobalt	NS	NA	50 U	50 U	NA	50 U	NA	50 U	NA	50 U
Copper	200	NA	10 U	35.3	NA	24.0	NA	10 U	NA	10 U
Iron	300	NA	4700	19100	NA	5290	NA	3330	NA	1700
Lead	25	NA	3.0 U	27.9	NA	4.3	NA	3.0 U	NA	3.0 U
Magnesium	35,000	NA	107000	36100	NA	144000	NA	55000	NA	105000
Manganese	300	NA	826	569	NA	859	NA	346	NA	1460
Mercury	0.7	NA	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U
Nickel	100	NA	10 U	23.8	NA	10 U	NA	10 U	NA	10 U
Potassium	NS	NA	215000	24300	NA	117000	NA	97100	NA	40700
Selenium	10	NA	10 U	10 U	NA	10 U	NA	10 U	NA	10 U
Silver	50	NA	10 U	10 U	NA	10 U	NA	10 U	NA	10 U
Sodium	20,000	NA	159000	23700	NA	113000	NA	860000	NA	188000
Thallium	0.5	NA	2.0 U	10 U	NA	2.0 U	NA	10 U	NA	2.0 U
Vanadium	NS	NA	50 U	50 U	NA	50 U	NA	50 U	NA	50 U
Zinc	2,000	NA	20 U	82.0	NA	30.4	NA	20 U	NA	20 U
Methane (µg/L)										
Methane	NS	NA	276	70.6	NA	313	NA	1780	NA	886
General Chemistry (mg/L)										
Nitrogen, Nitrate + Nitrite	NS	NA	0.10 U	0.10 U	NA	0.10 U	NA	0.10 U	NA	0.30
Nitrogen, Nitrate	NS	NA	0.11 U	0.11 U	NA	0.11 U	NA	0.11 U	NA	0.30
Alkalinity, Bicarbonate	NS	NA	696	394	NA	1250	NA	529	NA	1250
Alkalinity, Carbonate	NS	NA	5.0 U	5.0 U	NA	5.0 U	NA	9.1	NA	13.5
Hardness, Total as CaCO3	NS	NA	920	578	NA	1320	NA	289	NA	1130
Nitrogen, Nitrite	NS	NA	0.010 U	0.010 U	NA	0.010 U	NA	0.010 U	NA	0.010 U
Alkalinity, Total as CaCO3	NS	NA	698	398	NA	1250	NA	538	NA	1260
Solids, Total Dissolved	NS	NA	1940	752	NA	2140	NA	1860	NA	2700
Sulfide	NS	NA	2.0 U	2.0 U	NA	3.0	NA	2.0 U	NA	2.0
BOD, 5 Day	NS	NA	3.6	NA	NA	34.2	NA	NA	NA	NA
Chemical Oxygen Demand	NS	NA	52.0	NA	NA	143	NA	NA	NA	NA
Total Organic Carbon	NS	NA	12.9	NA	NA	34.7	NA	NA	NA	NA
Chloride	NS	NA	61.9	94.4	NA	46.8	NA	1480	NA	98.9
Sulfate	NS	NA	848	149	NA	594	NA	10 U	NA	365
Density (g/ml)	NS	1.0	NA	NA	0.98	NA	0.99	NA	0.98	NA

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TABLE 8A
Analytical Results for Groundwater Sampling

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	Regulatory Objectives	MW-14 (S)	MW-14 (S)	MW-16 (S)	MW-21 (S)	MW-2	MW-2	MW-8	MW-8	MW-7R
Sample Date	TOGS	11/24/2008	11/24/2008	11/24/2008	11/24/2008	11/25/2008	11/25/2008	11/25/2008	11/25/2008	1/6/2009
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Metals (µg/L)										
Aluminum	NS	NA	9200	3600	303	200 U	295	200 U	200 U	1440
Antimony	3	NA	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U
Arsenic	25	NA	9.8	21.5	17.9	3.0 U	3.0 U	164	160	5.2
Barium	1,000	NA	200 U	200 U	200 U	200 U	200 U	200 U	215	554
Beryllium	3	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	5	NA	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	NS	NA	106000	143000	258000	46900	47200	81400	84000	52100
Chromium	50	NA	13.3	10 U	10 U	10 U	10 U	10 U	10 U	13.9
Cobalt	NS	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	200	NA	18.8	15.8	10 U	10 U	10 U	10 U	10 U	17.7
Iron	300	NA	17800	5350	2550	231	1040	100 U	397	4320
Lead	25	NA	66.0	19.7	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	35,000	NA	63600	92100	47100	49800	49300	96400	99300	94700
Manganese	300	NA	2160	756	343	106	117	294	308	463
Mercury	0.7	NA	1.1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100	NA	18.3	10 U	10 U	10 U	10 U	10 U	10 U	59.6
Potassium	NS	NA	18200	38000	39400	211000	220000	210000	221000	147000
Selenium	10	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20,000	NA	74800	532000	80800	767000	815000	199000	207000	1140000
Thallium	0.5	NA	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U
Vanadium	NS	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Zinc	2,000	NA	61.3	40.2	20 U	20 U	28.6	20 U	20 U	20.5
Methane (µg/L)										
Methane	NS	NA	2140	1250	263	NA	1140	NA	501	9420
General Chemistry (mg/L)										
Nitrogen, Nitrate + Nitrite	NS	NA	0.10 U	0.10 U	0.10 U	NA	0.10 U	NA	0.10 U	62.6
Nitrogen, Nitrate	NS	NA	0.11 U	0.11 U	0.11 U	NA	0.11 U	NA	0.11 U	62.6
Alkalinity, Bicarbonate	NS	NA	978	729	549	NA	1020	NA	1000	1110
Alkalinity, Carbonate	NS	NA	11.8	5.6	6.8	NA	6.8	NA	5.0 U	6.3
Hardness, Total as CaCO3	NS	NA	960	823	805	NA	314	NA	570	536
Nitrogen, Nitrite	NS	NA	0.010 U	0.010	0.010 U	NA	0.010 U	NA	0.010 U	0.010 U
Alkalinity, Total as CaCO3	NS	NA	991	735	556	NA	1020	NA	1010	1120
Solids, Total Dissolved	NS	NA	1930	2600	1370	NA	NA	NA	1500	3890
Sulfide	NS	NA	2.0 U	4.9	5.8	NA	2.2	NA	2.0 U	2.0 U
BOD, 5 Day	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NS	NA	238	482	55.6	NA	961	NA	253	1950
Sulfate	NS	NA	444	744	495	NA	25.4	NA	19.4	14.3
Density (g/ml)	NS	0.98	NA	NA	NA	0.99	NA	0.99	NA	NA

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Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 8B – Summary of Selected VOCs in Groundwater, ug/L

Sample	Location	Screen Bottom (ft-bg)	Benzene	Toluene	Ethylbenzene	Total Xylenes	BTEX
MW10(S)	Parcel 8	23	ND	ND	0.87	ND	1
MW20(S)	Parcel 8	18	ND	1.2	11.2	27.7	40
MW17(S)	Parcel 8	18	8.2	1.1	34.6	39.2	83
MW8(D)	Upgradient, off-Site	30	20.3	6.7	155	381	563
MW19(D)	Parcel 8	33	29.4	50.2	1,050	1,610	2,740
MW15(D)	Parcel 8	28	40.2	8.5	675	679	1,403
MW13(S)	Parcel 8	17	64.5	46.2	402	730	1,234
MW23(S)	Parcel 8	17	140	31.2	714	916	1,801
MW12(D)	Parcel 8	37	157	50.4	617	568	1,392
MW11(D)	Parcel 8	27	163	445	1,340	2,380	4,328
MW11(D)DUP1	Parcel 8	27	164	458	1,530	2,670	4,822
MW18(D)	Parcel 8	29	215	23.2	587	569	1,394
MW21(S)	Parcel 8	13	441	115	531	2,310	3,397
MW2(D)	Upgradient, off-Site	32	496	72.2	848	548	1,964
MW22(D)	Parcel 8	36	1,010	254	1,050	1,720	4,034
MW9(D)	Parcel 8	24	1,210	14,000	1,280	5,120	21,610
MW14(S)	Parcel 8	18	3,720	6,150	3,150	11,100	24,120
MW16(S)	Parcel 8	19	5,050	9,690	1,260	5,220	21,220
MW7R(D)	Parcel 8	30	5,120	671	904	2,510	9,205

S – Shallow well

D – Deep well

Ft-bg – feet below grade

BTEX – Benzene, toluene, ethylbenzene, total xylenes

ND – below detection limits

R – Replaced existing well

Table 10A
Parcel 8 Summa Canister Soil Gas Results

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Client ID	A01S		C02S		D03S		DUP		F06S		G04S		H02S		H06S		I01S		C09S		F04S		J035	
Date Sampled	9/8/2008		9/8/2008		9/8/2008		9/8/2008		9/8/2008		9/8/2008		9/9/2008		9/8/2008		9/9/2008		9/12/2008		9/12/2008		9/17/2008	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs (µg/kg)																								
Acetone	277		25.6		116		115		87.5		161		307		95.9		48.1		0.35	U	9.8		105	
1,3-Butadiene	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
Benzene	10.5		1.3	J	2.7		5.5		4.4		26.7		37.4		7.3		0.14	U	0.96	J	2.3		0.14	U
Bromodichloromethane	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
Bromoform	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
Bromomethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Bromoethene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Benzyl Chloride	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Carbon disulfide	9.9		1.4	J	2.1		1.9		14.5		17.5		114		2.5		3.2		37.8		36.7		0.14	U
Chlorobenzene	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Chloroethane	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chloroform	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	1.1	J	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Chloromethane	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
3-Chloropropene	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
2-Chlorotoluene	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	12.9		0.18	U	13.3		0.18	U	0.18	U	0.18	U
Carbon tetrachloride	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Cyclohexane	2.7		0.27	U	0.27	U	3.2		7.6		14.3		19.7		4.1		0.27	U	30.4		4.7		0.27	U
1,1-Dichloroethane	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	21.4		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
1,1-Dichloroethylene	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
1,2-Dibromoethane	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,2-Dichloroethane	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,2-Dichloropropane	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,4-Dioxane	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
Dichlorodifluoromethane	0.24	U	0.24	U	0.24	U	0.24	U	1.5	J	1.2	J	0.24	U	0.24	U	0.24	U	2.8		1.5	J	0.24	U
Dibromochloromethane	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
trans-1,2-Dichloroethylene	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
cis-1,2-Dichloroethylene	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	1.6		0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
m-Dichlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
o-Dichlorobenzene	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
p-Dichlorobenzene	0.98	J	1.1	J	1.2	J	1.5	J	2.0		2.2		0.93	J	1.7		0.36	U	0.36	U	0.36	U	0.36	U
trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Ethanol	498	E	5.6		317		12.2		36.6		0.38	U	56.3		16.8		54.1		0.38	U	0.38	U	7.7	

Notes:

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

E = Indicates value exceeds calibration range

Table 10A
Parcel 8 Summa Canister Soil Gas Results

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Client ID	A01S		C02S		D03S		DUP		F06S		G04S		H02S		H06S		I01S		C09S		F04S		J03S	
Date Sampled	9/8/2008		9/8/2008		9/8/2008		9/8/2008		9/8/2008		9/8/2008		9/9/2008		9/8/2008		9/9/2008		9/12/2008		9/12/2008		9/17/2008	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs (µg/kg)																								
Ethylbenzene	0.89	J	0.15	U	0.97	J	0.92	J	0.15	U	2.8		3.4		0.93	J	0.15	U	0.15	U	0.15	U	0.15	U
Ethyl Acetate	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
4-Ethyltoluene	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	1.1	J	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Freon 113	0.16	U	0.16	U	0.16	U	0.16	U	1.6		0.16	U	10.3		0.16	U	0.16	U	3.7		0.16	U	0.16	U
Freon 114	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Heptane	8.2		1.1	J	6.2		1.3	J	2.2		42.6		9.5		1.6		1.2	J	0.16	U	0.16	U	0.16	U
Hexachlorobutadiene	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U
Hexane	11.2		1.1	J	11.7		2.3		3.4		108		13.0		2.9		0.43	U	2.8		0.43	U	0.43	U
2-Hexanone	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	2.0	
Isopropyl Alcohol	15.5		0.28	U	5.3		3.7		3.4		5.8		11.3		3.4		4.6		0.28	U	0.28	U	0.28	U
Methylene chloride	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	4.0		0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Methyl ethyl ketone	22.0		2.3		11.1		7.0		8.0		18.6		37.0		8.8		5.7		0.31	U	0.31	U	6.4	
Methyl Isobutyl Ketone	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	2.6		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Methyl Tert Butyl Ether	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	28.4		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
Naphthalene	4.0	U	4.0	U	4.0	U	4.0	U	3.0	J	4.0	U	1.3	J	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Propylene	25.2		4.1		22.5		10.1		13.9		279		46.8		9.7		0.42	U	0.42	U	0.42	U	0.42	U
Styrene	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
1,1,1-Trichloroethane	1.9		12.8		3.5		1.1	J	7.9		0.21	U	2.3		1.4	J	8.4		3.7		4.6		9.6	
1,1,2,2-Tetrachloroethane	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
1,1,2-Trichloroethane	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
1,2,4-Trichlorobenzene	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U
1,2,4-Trimethylbenzene	0.19	U	0.19	U	0.19	U	1.0	J	0.19	U	1.3	J	1.6		0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
1,3,5-Trimethylbenzene	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	1.1	J	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,2,4-Trimethylpentane	4.6		0.21	U	0.21	U	0.21	U	0.21	U	10.6		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	3.2	
Tertiary Butyl Alcohol	2.2		0.22	U	0.22	U	2.4		3.5		4.2		4.3		2.0		1.8		0.22	U	0.22	U	2.9	
Tetrachloroethylene	1.4	J	2.2		7.4		0.95	J	2.6		13.4		10.1		1.1	J	16.1		1.1	J	31.9		6.4	
Tetrahydrofuran	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Toluene	5.3		1.4	J	3.8		12.3		5.1		7.4		21.2		13.1		1.3	J	0.97	J	0.96	J	0.16	U
Trichloroethylene	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	5.4		1.1	J	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
Trichlorofluoromethane	6.4		40.7		23.3		33.4		230		20.4		52.9		41.5		30.1		20.8		94.6		6.2	
Vinyl chloride	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Vinyl Acetate	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U
m,p-Xylene	1.5	J	0.80	U	1.7		3.5		1.8		4.0		10.6		2.8		0.80	U	0.80	U	0.80	U	0.80	U
o-Xylene	0.21	U	0.21	U	0.85	J	1.6		0.84	J	2.2		5.9		1.4	J	0.21	U	0.21	U	0.21	U	0.21	U
Xylenes (total)	1.5	J	0.21	U	2.5		5.0		2.7		6.2		16.5		4.2		0.21	U	0.21	U	0.21	U	0.21	U
Total VOCs	891		101		537		218		437		730		703		200		112		105		187		143	

Notes:

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

E = Indicates value exceeds calibration range

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 10B - SUMMA Canister Soil Gas, ppbv – Selected VOC Summary Statistics

VOC	N	Min	p25	p50	p75	Max	Range	IQR	Mean
Acetone	11	ND	25.6	95.9	161	307	307	135	112
Benzene	11	ND	0.96	2.7	10.5	37.4	37.4	9.5	8.5
2-Butanone	11	ND	2.3	8	18.6	37	37	16.3	10.9
Carbon Disulfide	11	ND	2.1	9.9	36.7	114	114	34.6	21.8
Ethylbenzene	11	ND	ND	ND	0.97	3.4	3.4	1.0	0.8
Toluene	11	ND	0.97	3.8	7.4	21.2	21.2	6.4	5.5
Total Xylenes	11	ND	ND	1.5	4.2	16.5	16.5	4.2	3.1
Hexane	11	ND	ND	2.9	11.7	108	108	11.7	14.0
Ethanol	11	ND	ND	16.8	56.3	498	498	56.3	90.2
Isopropyl alcohol	11	ND	ND	3.4	5.8	15.5	15.5	5.8	4.5
Methylene Chloride	11	ND	ND	ND	ND	4	4	0	0.36
Trichloroethene (TCE)	11	ND	ND	ND	ND	5.4	5.4	0	0.59
Tetrachloroethylene (PCE)	11	1.1	1.4	6.4	13.4	31.9	30.8	12	8.5
1,1,1-Trichloroethane	11	ND	1.9	3.7	8.4	12.8	12.8	6.5	5.1
Trichlorofluoromethane	11	6.2	20.4	30.1	52.9	230	224	32.5	51.5
BTEX	11	ND	1.93	9.97	25.5	78.5	78.5	23.6	17.9
Total VOCs	11	101	149	223	811	907	806	661	406
Naphthalene*	11	ND	ND	ND	ND	3	3	0	.39

N – number of samples

Min. – minimum value

p25 – 25th percentile value

p50 – 50th percentile value (median)

p75 – 75th percentile value

Max. – maximum value

Range: Max. – Min.

ND – Non-detect

Inter quantile range (IQR): p75 – p25 (middle 50% of the data)

Mean – Average value. Non-detect values treated as -0.0001

* Semi-volatile organic compound

Queens West, Parcel 8
47th Road, Long Island City, NY
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Table 11 – Comparison of Shallow Soil Gas to NYSDOH Values (ppbv)

VOC	No. Detected	p50	Mean	Max.	NYSDOH Indoor Air Guideline	OSHA PEL
Tetrachloroethene (PCE)	11/11 (100%)	6.4	8.5	31.9	14.7	100,000
Trichloroethene (TCE)	2/11 (18%)	ND	0.59	5.4	1	10,000
Methylene chloride	1/11 (9%)	--	--	4	17.7	25,000

p50 – 50th percentile value (median)

Max. – maximum value

ND – Non-detect

Mean – Average value. Non-detect values treated as -0.0001

OSHA PEL – Occupational Health and Safety Association Personal Exposure Limit

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 12 – Comparison of Total VOCs in Ambient Air and Shallow Soil Gas, ppbv¹

Ambient Air			Parcel 8 Shallow Soil Gas		
Sample	Location	Total VOCs	Sample	Location	Total VOCs
CAMPD	Parcel 8	14.3	F04S	Parcel 8	187
AA4	Parcel 8	26.8	A01S	“ “	907
AA3	Parcel 8	27.2	H06S	“ “	223
AA2	47 th Rd & Center Blvd.	28.8	H06S Dup	“ “	226
TRCAA	47 th Ave. & 5 th St.	708	D03S	“ “	540
TRCAA1	Off Site	14.3	F06S	“ “	441
TRCAA3	Off Site	26.3	H02S	“ “	811
CAMPV	Off Site	18.4	C09S	“ “	105
TRCAA6	Off Site	19.9	I01S	“ “	188
AA5	47 th Rd & 5 th St.	35.3	G04S	“ “	811
TRCAAL	Off Site	24.1	C02S	“ “	101
TRCAAJ	Off Site	33.7	J035	“ “	149
AA1	Peninsula Park	27.1	--	--	--
TRCAA4	Off Site	48.2	--	--	--

¹ “AA,”Background ambient air data collected throughout the general community area by TRC Engineers, Inc during remediation of QWDC Stage 2 was incorporated to expand the ambient air results. CAMP data collected by FLS during test pitting on Parcel 8. Shallow soil gas samples from SUMMA canister sampling on Parcel 8.

Queens West, Parcel 8
47th Road, Long Island City, NY
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Table 13 Ratio of Benzene to Total Xylenes Between Soil Gas and Ambient Air

Soil Gas Sample	Location	Benzene-Total Xylene Ratio
D03S	Parcel 8	1.08
DUP H06S	Parcel 8	1.10
F06S	Parcel 8	1.63
H06S	Parcel 8	1.74
H02S	Parcel 8	2.27
G04S	Parcel 8	4.31
A01S	Parcel 8	7.00
Ambient Air Sample		
CAMPD	Parcel 8	0.23
AA3	Parcel 8	0.47
AA4	Parcel 8	0.46
TRCAA1	off-site other	0.71
TRCAA4	off-site other	0.38
TRCAA3	off-site other	0.33
AA1	Peninsula Park	0.32
CAMPV	off-site other	0.26
TRCAAL	off-site other	0.41
TRCAAJ	off-site other	0.32
TRCAA6	off-site other	0.10
AA2	47 th Rd & Center Blvd.	0.50
TRCAA7	47 th Ave.& 5 th St.	0.46
AA5	47 th Rd & 5 th St.	0.43

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 14 – Air Sampling Locations¹

Laboratory ID No.	Sample	Location	Date
JA1313-2	CAMPD (Test Pits)	Parcel 8	9/22/08
J96723-3	AA3	Parcel 8	7/28/08
J96723-4	AA4	Parcel 8	7/28/08
JA1260-7	TRCAA7	47 th Ave. & 5 th St.	9/19/08
JA1260-6	TRCAAJ	Vernon Blvd. & 47 th Ave.	9/19/08
J98964-4	TRCAA4	46 th Rd & 11 th St.	8/25/08
JA1260-8	TRCAA6	Center Blvd. & 47 th Ave.	9/19/08
J89103-1	TRCAA1	Anable Basin Rd	4/23/08
J94317-3	TRCAA3	Anable Basin Rd	6/27/08
JA1260-9	TRCAAL	Center Blvd. & 48 th Ave.	9/19/08
JA1313-1	CAMPV (Test Pits)	47 th Road (foot)	9/22/08
J96723-1	AA1	Peninsula Park	7/28/08
J96723-2	AA2	47 th Rd & Center Blvd.	7/28/08
J96723-5	AA5	47 th Rd & 5 th St.	7/28/08



¹ “AA,” Background ambient air data collected throughout the general community area by TRC Engineers, Inc during remediation of QWDC Stage 2 was incorporated to expand the ambient air results. CAMP data collected by FLS during test pitting on Parcel 8. Shallow soil gas samples from SUMMA canister sampling on Parcel 8. Some TRC sampling locations beyond limits of map shown.

Table 15
Analytical Results for Ambient Air

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	CAMP-D		AA-3		AA-4		TRC-AA7		TRC-AAJ		TRC-AA-4		TRC-AA6		TRC-AA1		TRC-AA-3		TRC-AAL		CAMP-V		TRC-AA5		AA-1		AA-2		AA-5	
Date Sampled	9/22/2008		7/28/2008		7/28/2008		9/19/2008		9/19/2008		8/25/2008		9/19/2008		9/19/2008		6/27/2008		9/19/2008		9/22/2008		9/19/2008		7/28/2008		7/28/2008		7/28/2008	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs (µg/kg)																														
Acetone	2.5		6.5		6.7		11.9		6.6		6.7		4.9		5.1		6.8		4.1		3.8		5.9		5.3		7.4		7.0	
1,3-Butadiene	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U
Benzene	0.25		0.44		0.41		0.36		0.31		0.35		0.11	J	0.12	J	0.46		0.35		0.29		0.16	J	0.48		0.50		0.47	
Bromodichloromethane	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U
Bromoform	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Bromomethane	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U
Bromoethene	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U
Benzyl Chloride	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U	0.037	U
Carbon disulfide	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	1.5		0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U
Chlorobenzene	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U
Chloroethane	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
Chloroform	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U
Chloromethane	0.34		0.71		0.56		0.61		0.47		0.62		0.039	U	0.48		0.62		0.49		0.44		0.47		0.55		0.62		0.60	
3-Chloropropene	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
2-Chlorotoluene	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U
Carbon tetrachloride	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
Cyclohexane	0.034	U	0.034	U	0.034	U	0.71		0.034	U	0.73		0.034	U	0.034	U	0.43		0.034	U	0.15	J	0.034	U	0.034	U	0.034	U	0.034	U
1,1-Dichloroethane	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U
1,1-Dichloroethylene	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U
1,2-Dibromoethane	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U	0.030	U
1,2-Dichloroethane	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U
1,2-Dichloropropane	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
1,4-Dioxane	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U
Dichlorodifluoromethane	0.46		0.61		0.47		0.54		0.53		0.54		0.55		0.52		0.50		0.57		0.53		0.49		0.50		0.55		0.57	
Dibromochloromethane	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U
trans-1,2-Dichloroethylene	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U
cis-1,2-Dichloroethylene	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U	0.028	U
cis-1,3-Dichloropropene	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
m-Dichlorobenzene	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U
o-Dichlorobenzene	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U
p-Dichlorobenzene	0.044	U	0.18	J	0.17	J	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.044	U	0.20		0.18	J	0.17	J
trans-1,3-Dichloropropene	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U	0.032	U
Ethanol	4.1		10.3		8.6		648	E	11.8		24.2		7.3		7.8		6.6		9.8		5.9		5.9		8.7		10.5		13.5	

Notes:

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

E = Indicates value exceeds calibration range

Table 15
Analytical Results for Ambient Air

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Sample ID	CAMP-D	AA-3	AA-4	TRC-AA7	TRC-AAJ	TRC-AA-4	TRC-AA6	TRC-AA1	TRC-AA-3	TRC-AAL	CAMP-V	TRC-AA5	AA-1	AA-2	AA-5
Date Sampled	9/22/2008	7/28/2008	7/28/2008	9/19/2008	9/19/2008	8/25/2008	9/19/2008	9/19/2008	6/27/2008	9/19/2008	9/22/2008	9/19/2008	7/28/2008	7/28/2008	7/28/2008
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (µg/kg)															
Ethylbenzene	0.27	0.23	0.23	0.22	0.25	0.23	0.33	0.25	0.31	0.19	J	0.30	0.21	0.29	0.27
Ethyl Acetate	0.66	0.046	U	0.046	U	5.1	0.046	U	0.046	U	0.046	U	0.046	U	0.046
4-Ethyltoluene	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036
Freon 113	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020
Freon 114	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027
Heptane	0.18	J	0.32	0.29	0.021	U	0.24	0.37	0.14	J	0.16	J	0.23	0.25	0.30
Hexachlorobutadiene	0.084	U	0.084	U	0.084	U	0.084	U	0.084	U	0.084	U	0.084	U	0.084
Hexane	0.26	0.60	0.51	1.1	0.79	0.79	0.33	0.23	0.68	0.26	0.40	0.30	0.55	0.64	1.5
2-Hexanone	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025
Isopropyl Alcohol	1.1	1.4	1.2	25.7	3.1	1.9	1.5	1.8	1.8	2.8	0.96	2.5	1.1	1.3	2.3
Methylene chloride	0.17	J	0.53	0.52	0.28	0.65	0.71	0.22	0.31	0.34	0.30	0.28	0.39	0.50	2.3
Methyl ethyl ketone	0.42	0.79	0.82	0.73	0.67	0.75	0.49	0.62	1.0	0.46	0.54	0.65	0.70	0.88	0.71
Methyl Isobutyl Ketone	0.022	U	0.11	J	0.10	J	0.022	U	0.29	0.022	U	0.23	0.022	U	0.12
Methyl Tert Butyl Ether	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018
Naphthalene	0.46	J	0.81	0.16	J						0.50	U	0.22	J	0.16
Propylene	0.053	U	0.053	U	1.8	0.053	U	0.053	U	0.053	U	0.053	U	0.58	2.2
Styrene	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U	0.023
1,1,1-Trichloroethane	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026
1,1,2,2-Tetrachloroethane	0.024	U	0.024	U	0.024	U	0.024	U	0.024	U	0.024	U	0.024	U	0.024
1,1,2-Trichloroethane	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020
1,2,4-Trichlorobenzene	0.066	U	0.066	U	0.066	U	0.066	U	0.066	U	0.066	U	0.066	U	0.066
1,2,4-Trimethylbenzene	0.13	J	0.21	0.20	0.13	J	0.21	0.22	0.10	J	0.024	U	0.45	0.33	0.26
1,3,5-Trimethylbenzene	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U	0.13	J	0.021	U	0.021
2,2,4-Trimethylpentane	0.19	J	0.39	0.36	0.026	U	0.30	0.35	0.026	U	0.34	0.13	J	0.56	0.21
Tertiary Butyl Alcohol	0.027	U	0.027	U	0.10	J	1.0	0.027	U	0.027	U	0.027	U	0.027	U
Tetrachloroethylene	0.17	J	0.22	0.21	0.23	1.9	0.89	0.21	0.31	0.24	0.51	0.25	0.31	0.22	0.22
Tetrahydrofuran	0.027	U	0.027	U	0.027	U	0.027	U	0.25	0.027	U	0.35	0.15	J	0.027
Toluene	0.67	1.5	1.4	3.9	2.8	2.5	1.2	1.7	1.7	1.5	1.0	2.7	1.5	1.7	1.7
Trichloroethylene	0.029	U	0.029	U	0.029	U	0.64	0.15	J	0.029	U	0.19	J	0.029	U
Trichlorofluoromethane	0.24	0.36	0.31	0.55	0.26	0.35	0.26	0.27	0.35	0.27	0.28	0.23	0.31	0.33	0.63
Vinyl chloride	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031	U	0.031
Vinyl Acetate	0.088	U	0.088	U	0.088	U	0.088	U	0.088	U	0.088	U	0.088	U	0.088
m,p-Xylene	0.85	0.69	0.67	0.59	0.74	0.69	0.92	0.74	1.0	0.66	0.87	0.65	1.0	0.72	0.83
o-Xylene	0.25	0.23	0.23	0.19	J	0.22	0.24	0.23	0.18	J	0.37	0.20	0.27	0.18	0.28
Xylenes (total)	1.1	0.93	0.90	0.78	0.96	0.93	1.1	0.93	1.4	0.85	1.1	0.84	1.5	1.0	1.1
Total TIC, Volatile				17.9	J	2.2	J	522.2	J	1	J	0	38.4	J	5.2
Total VOCs	13	27	24	713	34	564	20	20	62	28	17	22	23	27	34

Notes:

VOCs - Volatile organic carbons

µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) & below the quantitative reporting detection limit (RDL). Therefore result is estimated.

E = Indicates value exceeds calibration range

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 16A. Summary Statistics for Selected Ambient Air VOCs for On-Site Locations, ppbv

VOC	n	Min	p25	p50	p75	Max	Range	IQR	Mean
Acetone	3	2.5	2.5	6.5	6.7	6.7	4.2	4.2	5.2
Benzene	3	0.25	0.25	0.41	0.44	0.44	0.19	0.19	0.37
Ethylbenzene	3	0.23	0.23	0.23	0.27	0.27	.04	0.04	0.24
Total Xylenes	3	0.9	0.9	0.93	1.1	1.1	0.2	0.2	0.98
Toluene	3	0.67	0.67	1.4	1.5	1.5	0.83	0.83	1.19
Tetrachloroethylene	3	0.17	0.17	0.21	0.22	0.22	.05	0.05	0.2
2-Butanone	3	0.42	0.42	0.79	0.82	0.82	0.4	0.4	0.68
Ethanol	3	4.1	4.1	8.6	10.3	10.3	6.2	6.2	7.67
Isopropyl alcohol	3	1.1	1.1	1.2	1.4	1.4	0.3	0.3	1.23
1,2,4-Trimethylbenzene	3	0.13	0.13	0.2	0.21	0.21	.08	.08	0.18
1,3,5-Trimethylbenzene	3	ND	ND	ND	ND	ND	ND	ND	ND
MIBK	3	ND	ND	0.1	0.11	0.11	0.11	0.11	0.07
Total VOCs	3	14.3	14.3	26.8	27.2	27.2	12.9	12.9	22.8
Naphthalene*	3	0.16	0.16	0.46	0.81	0.81	0.65	0.65	0.48

Table 16B. Summary Statistics for Selected Ambient Air VOCs for Off-Site Locations, ppbv

VOC	n	Min	p25	p50	p75	Max	Range	IQR	Mean
Acetone	11	3.8	4.9	6.7	7.1	11.9	8.1	2.2	6.51
Benzene	11	0.11	0.29	0.35	0.47	0.5	0.39	0.18	0.36
Ethylbenzene	11	0.13	0.22	0.27	0.3	0.33	0.2	0.08	0.25
Total Xylenes	11	0.38	0.85	1	1.1	1.5	1.12	0.25	1.01
Toluene	11	0.79	1.2	1.7	2.5	3.9	3.11	1.3	1.84
Tetrachloroethylene	11	ND	0.22	0.23	0.51	1.9	1.90	0.29	0.44
2-Butanone	11	0.46	0.54	0.71	0.75	1	0.54	0.21	0.69
Ethanol	11	0.75	6.6	9.8	13.5	648	648	6.9	67.9
Isopropyl alcohol	11	0.69	1.1	1.8	2.8	25.7	25	1.7	3.92
1,2,4-Trimethylbenzene	11	ND	0.13	0.21	0.26	0.45	0.45	0.13	0.21
1,3,5-Trimethylbenzene	11	ND	ND	ND	ND	0.13	0.13	0	0.01
MIBK	11	ND	ND	ND	0.13	0.29	0.29	0.13	0.06
Total VOCs	11	14.3	19.8	27.1	35.3	707.5	693.3	15.4	89.4
Naphthalene*	5	ND	0.14	0.16	0.22	3.9	3.9	0.08	0.88

n – number of samples

Min. – minimum value

p25 – 25th percentile value

p50 – 50th percentile value (median)

p75 – 75th percentile value

Max. – maximum value

ND – Non-detect

Range: Max. – Min.

Inter quantile range (IQR): p75 – p25 (middle 50% of the data)

Mean – Average value

* Semi-volatile organic compound

TABLE 17
Analytical Results for Sediment

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	SS-1(0-2) 7/30/2008	SS-1(2-4) 7/30/2008	SS-1(8-10) 7/30/2008	SS-1(8-10)D 7/30/2008	SS-2(0-2) 7/30/2008	SS-2(2-4) 7/30/2008	SS-2(8-10) 7/30/2008	SS-3(0-2) 7/30/2008	SS-3(2-4) 7/30/2008	SS-3(8-10) 7/30/2008
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
VOCs (ppb)										
Acetone	1260 J	1250	119	55.8	118	169	430	6.4 U	145	370
Benzene	52 U	2.8	0.98 U	0.95 U	0.75 U	0.99 U	0.9 U	1 U	1 U	1.7 J
Bromodichloromethane	39 U	0.7 U	0.72 U	0.7 U	0.55 U	0.73 U	0.66 U	0.77 U	0.75 U	0.68 U
Bromoform	50 U	0.91 U	0.93 U	0.9 U	0.71 U	0.94 U	0.85 U	0.99 U	0.97 U	0.87 U
Bromomethane	130 U	2.4 U	2.4 U	2.4 U	1.9 U	2.5 U	2.2 U	2.6 U	2.5 U	2.3 U
2-Butanone (MEK)	330 U	206	6.1 U	6 U	22.4	6.2 U	53.8	6.6 U	6.4 U	52.6
Carbon disulfide	235 J	23.2	4.3 J	4.1 J	10.3 J	6.3 J	8.7 J	1.5 U	8 J	12.7 J
Carbon tetrachloride	140 U	2.5 U	2.6 U	2.5 U	2 U	2.6 U	2.4 U	2.8 U	2.7 U	2.4 U
Chlorobenzene	44 U	0.8 U	0.82 U	0.8 U	0.63 U	0.83 U	0.76 U	0.88 U	0.86 U	0.78 U
Chloroethane	100 U	1.8 U	1.9 U	1.8 U	1.4 U	1.9 U	1.7 U	2 U	2 U	1.8 U
Chloroform	69 U	1.3 U	1.3 U	1.3 U	0.99 U	1.3 U	1.2 U	1.4 U	1.3 U	1.2 U
Chloromethane	110 U	1.9 U	2 U	1.9 U	1.5 U	2 U	1.8 U	2.1 U	2 U	1.8 U
Dibromochloromethane	40 U	0.73 U	0.75 U	0.73 U	0.57 U	0.75 U	0.69 U	0.8 U	0.78 U	0.7 U
1,1-Dichloroethane	58 U	1.1 U	1.1 U	1.1 U	0.83 U	1.1 U	1 U	1.2 U	1.1 U	1 U
1,2-Dichloroethane	64 U	1.2 U	1.2 U	1.2 U	0.91 U	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
1,1-Dichloroethene	78 U	1.4 U	1.4 U	1.4 U	1.1 U	1.5 U	1.3 U	1.6 U	1.5 U	1.4 U
cis-1,2-Dichloroethene	54 U	0.98 U	1 U	0.97 U	0.77 U	1 U	0.92 U	1.1 U	1 U	0.94 U
trans-1,2-Dichloroethene	48 U	0.87 U	0.89 U	0.87 U	0.68 U	0.9 U	0.82 U	0.95 U	0.93 U	0.84 U
1,2-Dichloroethene (total)	48 U	0.87 U	0.89 U	0.87 U	0.68 U	0.9 U	0.82 U	0.95 U	0.93 U	0.84 U
1,2-Dichloropropane	58 U	1.1 U	1.1 U	1.1 U	0.83 U	1.1 U	1 U	1.2 U	1.1 U	1 U
cis-1,3-Dichloropropene	36 U	0.66 U	0.67 U	0.66 U	0.52 U	0.68 U	0.62 U	0.72 U	0.7 U	0.63 U
trans-1,3-Dichloropropene	37 U	0.67 U	0.69 U	0.67 U	0.53 U	0.7 U	0.63 U	0.74 U	0.72 U	0.65 U
Ethylbenzene	6180	73.1	1.1 U	1.1 U	0.86 U	3	1 U	1.2 U	1.2 U	1.1 U
2-Hexanone	290 U	14	5.3 U	5.2 U	4.1 U	5.4 U	4.9 U	5.7 U	5.5 U	5 U
Methyl Tert Butyl Ether	53 U	0.96 U	0.98 U	0.96 U	0.75 U	0.99 U	0.9 U	1.1 U	1 U	0.92 U
4-Methyl-2-pentanone(MIBK)	360 U	6.5 U	6.6 U	6.5 U	5.1 U	6.7 U	6.1 U	7.1 U	6.9 U	6.2 U
Methylene chloride	43 U	0.79 U	0.81 U	0.79 U	0.62 U	0.82 U	0.74 U	0.86 U	0.84 U	0.76 U
Styrene	43 U	0.78 U	0.8 U	0.77 U	0.61 U	0.8 U	0.73 U	0.85 U	0.83 U	0.75 U
1,1,2,2-Tetrachloroethane	38 U	0.68 U	0.7 U	0.68 U	0.54 U	0.71 U	0.64 U	0.75 U	0.73 U	0.66 U
Tetrachloroethene	69 U	1.3 U	1.3 U	1.3 U	0.99 U	1.3 U	1.2 U	1.4 U	1.3 U	1.2 U
Toluene	617	17.9	0.91 U	0.89 U	0.7 U	0.92 U	0.84 U	0.98 U	0.95 U	0.86 U
1,1,1-Trichloroethane	78 U	1.4 U	1.5 U	1.4 U	1.1 U	1.5 U	1.3 U	1.6 U	1.5 U	1.4 U
1,1,2-Trichloroethane	38 U	0.69 U	0.71 U	0.69 U	0.54 U	0.71 U	0.65 U	0.76 U	0.74 U	0.67 U
Trichloroethene	44 U	0.79 U	0.81 U	0.79 U	0.62 U	0.82 U	0.75 U	0.87 U	0.85 U	0.76 U
Vinyl chloride	94 U	1.7 U	1.8 U	1.7 U	1.3 U	1.8 U	1.6 U	1.9 U	1.8 U	1.7 U
Xylene (total)	13400	217	0.83 U	0.81 U	0.64 U	72.4	0.76 U	0.89 U	0.87 U	0.78 U
Total VOCs	20484	540	123.3	59.9	128.3	175.3	438.7	0.0	153	382.7

Notes:

ppb - µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

TABLE 17
Analytical Results for Sediment

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	SS-1(0-2) 7/30/2008 Result Q	SS-1(2-4) 7/30/2008 Result Q	SS-1(8-10) 7/30/2008 Result Q	SS-1(8-10)D 7/30/2008 Result Q	SS-2(0-2) 7/30/2008 Result Q	SS-2(2-4) 7/30/2008 Result Q	SS-2(8-10) 7/30/2008 Result Q	SS-3(0-2) 7/30/2008 Result Q	SS-3(2-4) 7/30/2008 Result Q	SS-3(8-10) 7/30/2008 Result Q
SVOCs (ppb)										
2-Chlorophenol	54 U	1300 U	61 U	62 U	62 U	63 U	63 U	79 U	71 U	70 U
4-Chloro-3-methyl phenol	79 U	1800 U	89 U	91 U	90 U	93 U	93 U	120 U	100 U	100 U
2,4-Dichlorophenol	68 U	1600 U	77 U	78 U	78 U	80 U	80 U	100 U	89 U	87 U
2,4-Dimethylphenol	80 U	1800 U	90 U	92 U	91 U	93 U	93 U	120 U	100 U	100 U
2,4-Dinitrophenol	710 U	16000 U	800 U	810 U	810 U	830 U	830 U	1000 U	930 U	910 U
4,6-Dinitro-o-cresol	69 U	1600 U	78 U	80 U	79 U	81 U	81 U	100 U	91 U	89 U
2-Methylphenol	71 U	1600 U	80 U	81 U	81 U	83 U	83 U	100 U	93 U	91 U
3&4-Methylphenol	88 U	2000 U	99 U	100 U	100 U	100 U	100 U	130 U	110 U	110 U
2-Nitrophenol	69 U	1600 U	77 U	79 U	78 U	80 U	80 U	100 U	90 U	88 U
4-Nitrophenol	84 U	1900 U	94 U	96 U	96 U	98 U	98 U	120 U	110 U	110 U
Pentachlorophenol	84 U	2000 U	95 U	97 U	96 U	99 U	99 U	120 U	110 U	110 U
Phenol	49 U	1100 U	56 U	57 U	57 U	58 U	58 U	73 U	65 U	64 U
2,4,5-Trichlorophenol	71 U	1600 U	80 U	81 U	81 U	83 U	83 U	100 U	93 U	91 U
2,4,6-Trichlorophenol	87 U	2000 U	98 U	100 U	99 U	100 U	100 U	130 U	110 U	110 U
Acenaphthene	52300	102000	98.4 J	364	223	172	161	98.4 J	194	179
Acenaphthylene	2460	6050	153	477	386	594	419	222	426	387
Anthracene	31400	56200	294	1090	649	568	469	324	587	551
Benzo(a)anthracene	11300	25900	565	1780	1190	586	975	627	1160	870
Benzo(a)pyrene	10100	20400	658	2010	1360	521	1010	806	1370	1020
Benzo(b)fluoranthene	5580	14500	471	1700	858	404	572	654	889	762
Benzo(g,h,i)perylene	3480	8460	386	1140	755	316	507	462	724	538
Benzo(k)fluoranthene	3660	6090	528	1710	1090	349	799	426	1000	738
4-Bromophenyl phenyl ether	36 U	830 U	40 U	41 U	41 U	42 U	42 U	52 U	47 U	46 U
Butyl benzyl phthalate	33 U	750 U	37 U	37 U	37 U	38 U	38 U	48 U	115 J	42 U
2-Chloronaphthalene	29 U	670 U	33 U	33 U	33 U	34 U	34 U	43 U	38 U	37 U
4-Chloroaniline	27 U	620 U	30 U	31 U	30 U	31 U	31 U	39 U	35 U	34 U
Carbazole	467	650 U	43.8 J	173	86.4 J	62 J	33 U	41 U	37 U	36 U
Chrysene	13900	24700	696	2160	1480	685	1120	724	1420	1160
bis(2-Chloroethoxy)methane	33 U	750 U	37 U	38 U	37 U	38 U	38 U	48 U	43 U	42 U
bis(2-Chloroethyl)ether	31 U	720 U	35 U	36 U	35 U	36 U	36 U	45 U	40 U	40 U
bis(2-Chloroisopropyl)ether	34 U	790 U	38 U	39 U	39 U	40 U	40 U	50 U	45 U	44 U

Notes:

ppb - µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

TABLE 17
Analytical Results for Sediment

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	SS-1(0-2) 7/30/2008 Result Q	SS-1(2-4) 7/30/2008 Result Q	SS-1(8-10) 7/30/2008 Result Q	SS-1(8-10)D 7/30/2008 Result Q	SS-2(0-2) 7/30/2008 Result Q	SS-2(2-4) 7/30/2008 Result Q	SS-2(8-10) 7/30/2008 Result Q	SS-3(0-2) 7/30/2008 Result Q	SS-3(2-4) 7/30/2008 Result Q	SS-3(8-10) 7/30/2008 Result Q
SVOCs (ppb)										
4-Chlorophenyl phenyl ether	44 U	1000 U	49 U	50 U	50 U	51 U	51 U	64 U	57 U	56 U
1,2-Dichlorobenzene	35 U	810 U	40 U	40 U	40 U	41 U	41 U	52 U	46 U	45 U
1,3-Dichlorobenzene	27 U	620 U	30 U	31 U	31 U	32 U	31 U	40 U	35 U	35 U
1,4-Dichlorobenzene	25 U	580 U	28 U	29 U	29 U	30 U	30 U	37 U	33 U	32 U
2,4-Dinitrotoluene	36 U	830 U	40 U	41 U	41 U	42 U	42 U	52 U	47 U	46 U
2,6-Dinitrotoluene	29 U	680 U	33 U	34 U	34 U	35 U	34 U	43 U	39 U	38 U
3,3'-Dichlorobenzidine	110 U	2600 U	130 U	130 U	130 U	130 U	130 U	170 U	150 U	150 U
Dibenzo(a,h)anthracene	919	2540 J	118 J	310	207	37 U	185	173 J	182	144 J
Dibenzofuran	3990	8090	34 U	126 J	63.3 J	40 J	67.7 J	45 U	40 U	39 U
Di-n-butyl phthalate	41 U	950 U	46 U	236	84.8 J	48 U	183	60 U	53 U	99.2 J
Di-n-octyl phthalate	29 U	670 U	33 U	33 U	33 U	34 U	34 U	42 U	38 U	37 U
Diethyl phthalate	29 U	680 U	33 U	34 U	34 U	35 U	34 U	43 U	39 U	38 U
Dimethyl phthalate	31 U	720 U	35 U	36 U	36 U	37 U	36 U	46 U	41 U	40 U
bis(2-Ethylhexyl)phthalate	284	2720 J	1330	4210	3090	1690	2580	1400	5890	6760
Fluoranthene	24700	49900	968	3390	1940	1040	1390	889	1740	1590
Fluorene	27200	52400	57.6 J	310	206	269	36 U	45 U	165 J	40 U
Hexachlorobenzene	37 U	860 U	42 U	43 U	43 U	44 U	44 U	55 U	49 U	48 U
Hexachlorobutadiene	31 U	720 U	35 U	36 U	36 U	37 U	37 U	46 U	41 U	40 U
Hexachlorocyclopentadiene	62 U	1400 U	70 U	71 U	71 U	72 U	72 U	91 U	81 U	79 U
Hexachloroethane	42 U	980 U	48 U	49 U	48 U	50 U	49 U	62 U	55 U	54 U
Indeno(1,2,3-cd)pyrene	2720	6540	293	954	626	266	366	334	562	429
Isophorone	57 U	1300 U	65 U	66 U	66 U	67 U	67 U	84 U	75 U	74 U
2-Methylnaphthalene	70700	129000	33 U	105 J	65.7 J	43.3 J	176	43 U	68.2 J	117 J
2-Nitroaniline	48 U	1100 U	54 U	55 U	55 U	56 U	56 U	71 U	63 U	62 U
3-Nitroaniline	26 U	610 U	30 U	31 U	30 U	31 U	31 U	39 U	35 U	34 U
4-Nitroaniline	41 U	950 U	46 U	47 U	47 U	48 U	48 U	60 U	54 U	53 U
Naphthalene	84400	136000	48.4 J	192	152	38 J	247	64.4 J	111 J	162 J
Nitrobenzene	29 U	680 U	33 U	34 U	34 U	35 U	34 U	43 U	39 U	38 U
N-Nitroso-di-n-propylamine	40 U	940 U	46 U	47 U	46 U	47 U	47 U	59 U	53 U	52 U
N-Nitrosodiphenylamine	44 U	1000 U	50 U	51 U	50 U	52 U	52 U	65 U	58 U	57 U
Phenanthrene	87500	149000	683	2240	1130	1280	699	484	754	830
Pyrene	42800	94100	1100	3350	2160	1210	1570	1210	1980	1600
1,2,4-Trichlorobenzene	34 U	790 U	38 U	39 U	39 U	40 U	40 U	50 U	44 U	44 U
Total SVOCs	479860	894590	8491.2	27922	17736.5	10170.3	13564.7	8259.8	19306	17760

Notes:

ppb - µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

TABLE 17
Analytical Results for Sediment

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	SS-1(0-2) 7/30/2008	SS-1(2-4) 7/30/2008	SS-1(8-10) 7/30/2008	SS-1(8-10)D 7/30/2008	SS-2(0-2) 7/30/2008	SS-2(2-4) 7/30/2008	SS-2(8-10) 7/30/2008	SS-3(0-2) 7/30/2008	SS-3(2-4) 7/30/2008	SS-3(8-10) 7/30/2008
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Pesticides/PCBs (ppb)										
Aldrin	1.5 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	2.2 U	2 U	2 U
alpha-BHC	1.4 U	1.6 U	1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	2 U	1.8 U	1.8 U
beta-BHC	2.5 U	2.9 U	2.8 U	2.9 U	2.8 U	2.9 U	3 U	3.6 U	3.3 U	3.3 U
delta-BHC	1.3 U	1.6 U	1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	2 U	1.8 U	1.8 U
gamma-BHC (Lindane)	1.8 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.6 U	2.5 U	2.4 U
alpha-Chlordane	2.3 U	2.6 U	2.5 U	2.6 U	2.6 U	2.7 U	13.9	3.3 U	3.1 U	3 U
gamma-Chlordane	1.6 U	10.6	1.8 U	1.9 U	1.9 U	8.9	18.4	2.4 U	2.2 U	2.2 U
Dieldrin	14.7	19.2	22.5	16.2	16.9	22.2	53.3	2.1 U	1.9 U	21.3
4,4'-DDD	1.2 U	63.9	33.8	20.8	19.4	37.4	191	1.7 U	1.6 U	13.3
4,4'-DDE	40.3	88.6	38.1	27.2	22.8	36.9	67.9	2.7 U	14.2	36.7
4,4'-DDT	23.5	27.4	17.1	13.7	14.2	13.4	21.6	2.5 U	2.3 U	14.7
Endrin	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	2.3 U	2.1 U	2.1 U
Endosulfan sulfate	1.6 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1.9 U	2.3 U	2.1 U	2.1 U
Endrin aldehyde	1.7 U	2 U	1.9 U	2 U	2 U	2 U	2.1 U	2.5 U	2.3 U	2.3 U
Endosulfan-I	1.5 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	2.2 U	2 U	2 U
Endosulfan-II	2.4 U	2.8 U	2.7 U	2.8 U	2.8 U	2.9 U	2.9 U	3.6 U	3.3 U	3.3 U
Heptachlor	2 U	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.3 U	2.9 U	2.6 U	2.6 U
Heptachlor epoxide	1.5 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U	1.8 U	2.2 U	2 U	2 U
Methoxychlor	2 U	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.4 U	2.9 U	2.7 U	2.6 U
Endrin ketone	1.5 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U	1.8 U	2.1 U	2 U	2 U
Toxaphene	70 U	81 U	78 U	81 U	79 U	82 U	83 U	100 U	94 U	93 U
Aroclor 1016	35 U	41 U	39 U	41 U	40 U	41 U	42 U	51 U	48 U	47 U
Aroclor 1221	110 U	130 U	120 U	130 U	130 U	130 U	130 U	160 U	150 U	150 U
Aroclor 1232	100 U	120 U	110 U	120 U	110 U	120 U	120 U	150 U	140 U	130 U
Aroclor 1242	59 U	68 U	1360	1280	822	1240	687	86 U	441	994
Aroclor 1248	64 U	74 U	71 U	74 U	72 U	75 U	76 U	93 U	86 U	85 U
Aroclor 1254	467	666	430	420	436	380	632	130 U	120 U	486
Aroclor 1260	575	366	283	257	42 U	284	491	54 U	50 U	50 U

Notes:

ppb - µg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

TABLE 17
Analytical Results for Sediment

Queens West, Parcel 8, 47th Road, Long Island City, NY
BCP Site No. C241087
FLS Project ID: 10011-007

Sample ID Sample Date	SS-1(0-2) 7/30/2008	SS-1(2-4) 7/30/2008	SS-1(8-10) 7/30/2008	SS-1(8-10)D 7/30/2008	SS-2(0-2) 7/30/2008	SS-2(2-4) 7/30/2008	SS-2(8-10) 7/30/2008	SS-3(0-2) 7/30/2008	SS-3(2-4) 7/30/2008	SS-3(8-10) 7/30/2008
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Metals Analysis (ppm)										
Aluminum	13400	14900	17200	17600	16800	17100	16100	21000	20400	18200
Antimony	6.4	6.9	3.8	4.3	3.1	4.7	6.4	2.9 U	3.6	5.2
Arsenic	31.8	32	14.7	15.4	14.4	16	24.6	13.4	17.5	18.2
Barium	259	290	183	187	146	182	230	107	139	174
Beryllium	1.2	1.4	1.4	1.4	1.3	1.4	1.4	1.5	1.5	1.4
Cadmium	8.5	10.4	4.9	5.7	3.4	7	12.4	1.1	3.2	7.8
Calcium	5190	5440	6670	5500	6530	5740	6120	10200	8050	6990
Chromium	196	250	179	206	141	250	294	86.9	174	277
Cobalt	10.1	11.9	12.3	12.6	12	12	11.9	14.5	13.8	12.4
Copper	338	514	256	298	208	336	468	130	235	390
Iron	26800	32100	31300	31800	30900	33200	32100	36100	36200	33400
Lead	400	520	276	293	234	334	410	151	244	339
Magnesium	6100	6420	8320	8330	8060	7930	7430	9810	9140	8530
Manganese	308	288	425	429	457	395	335	793	651	468
Mercury	10.4	6.1	3.3	3.3	2.5	3.9	3.7	5.1	2.5	3.4
Nickel	35.3	62.6	46.9	49.3	40.9	53.7	86.4	35.9	44.9	53.7
Potassium	3340	3580	4600	4700	4370	4370	3990	5340	5040	4660
Selenium	2.2	2.6	2.2 U	2.2 U	2.2 U	2.3 U	2.3 U	2.9 U	2.6 U	2.6 U
Silver	11	15.3	8.6	9.9	7.2	12	15.3	4	8.9	14.8
Sodium	8050	9340	9030	9240	9430	9700	10100	13600	11600	11400
Thallium	0.97 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.5 U	1.3 U	1.3 U
Vanadium	42.7	57.5	62.5	67.8	55.3	71.9	83.6	52.9	61.5	74.8
Zinc	481	615	373	387	324	403	561	247	323	415
General Chemistry (ppm)										
Total Organic Carbon	131000	173000	48900	50300	52800	60500	109000	41800	42600	54100
Total Petroleum Hydrocarbons	2630	3920	857	604	692	1160	1990	334	517	1190

Notes:

ppm - mg/kg - micrograms per kilogram

U - Undetected

J - Detected above qualitative method detection limit (MDL) &
below the quantitative reporting detection limit (RDL).

Therefore result is estimated.

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 18A – Select VOCs Summary in Sediment, ug/kg

Sample (by depth)	Acetone	Benzene	MEK	Toluene	Ethylbenzene	Xylene (total)	Carbon Disulfide
SS1(0-2)	1,260	ND	ND	617	6,180	13,400	235
SS2(0-2)	118	ND	22.4	ND	ND	ND	10.3
SS3(0-2)	ND	ND	ND	ND	ND	ND	ND
SS1(2-4)	1,250	2.8	206	17.9	73.1	217	23.2
SS2(2-4)	169	ND	ND	ND	3	72.4	6.3
SS3(2-4)	145	ND	ND	ND	ND	ND	8
SS1(8-10)	119	ND	ND	ND	ND	ND	4.3
SS1(8-10)D	55.8	ND	ND	ND	ND	ND	4.1
SS2(8-10)	430	ND	53.8	ND	ND	ND	8.7
SS3(8-10)	370	1.7	52.6	ND	ND	ND	12.7

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 18B – Select VOCs Statistical Summary Statistics in Sediment, ug/kg

VOC	n	Detects	Min	p25	p50	p75	Max	Mean
Acetone	10	9/10	ND	118	157	430	1,260	392
Benzene	10	2/10	ND	ND	ND	ND	2.8	.45
MEK	10	4/10	ND	ND	ND	52.6	206	33.5
Toluene	10	2/10	ND	ND	ND	ND	617	63.5
Ethylbenzene	10	3/10	ND	ND	ND	3	6,180	626
Xylene(total)	10	3/10	ND	ND	ND	72.4	13,400	1,369
Carbon disulfide	10	9/10	ND	4.3	8.35	12.7	235	31.3

n – number of samples

Min. – minimum value

p25 – 25th percentile value

p50 – 50th percentile value
(median)

p75 – 75th percentile value

Max. – maximum value

Range: Max. – Min.

ND – Non-detect

Inter quantile range (IQR):

p75 – p25 (middle 50% of
the data)

Mean – Average value. Non-
detect values treated as -
0.0001

* Semi-volatile organic
compound

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 19A – Select SVOCs Summary in Sediment, ug/kg

Sample (by depth)	Acenap- hthene	Ace naph- thylene	Anth- ra- cene	Benzo (a) anth- racene	Benzo a pyrene	Benzo b fluo- anthene	Benzo ghi fluor- anthene	Benzo k fluo- anthene	Chrysene	Dibenz o a,h anthra- cene	Fluoran- thene	Fluo- rene	Naphth- alene	2- Methyl- naphtha- lene	Phenan- threne	Pyrene	Bis 2- Ethyl- hexyl phthalate
SS1(0-2)	52,300	2,460	31,400	11,300	10,100	5,580	3,480	3,660	13,900	919	24,700	27,200	84,400	70,700	87,500	42,800	284
SS2(0-2)	223	386	649	1,190	1,360	858	755	1,090	1,480	207	1,940	206	152	65.7	1,130	2,160	3,090
SS3(0-2)	98.4	222	324	627	806	654	462	426	724	173	889	ND	64.4	ND	484	1,210	1,400
SS1(2-4)	102,000	6,050	56,200	25,900	20,400	14,500	8,460	6,090	24,700	2,540	49,900	52,400	136,000	129,000	149,000	94,100	2,720
SS2(2-4)	172	594	568	586	521	404	316	349	685	ND	1,040	269	38	43.3	1,280	1,210	1,690
SS3(2-4)	194	426	587	1,160	1,370	889	724	1,000	1,420	182	1,740	165	111	68.2	754	1,980	5,890
SS1(8-10)	98.4	153	294	565	658	471	386	528	696	118	968	57.6	48.4	ND	683	1,100	1,330
SS1(8-10)D	364	477	1,090	1,780	2,010	1,700	1,140	1,710	2,160	310	3,390	310	192	105	2,240	3,350	4,210
SS2(8-10)	161	419	469	975	1,010	572	507	799	1,120	185	1,390	ND	247	176	699	1,570	2,580
SS3(8-10)	179	387	551	870	1,020	762	538	738	1,160	144	1,590	ND	162	117	830	1,600	6,760

Queens West, Parcel 8
47th Road, Long Island City, NY
FLS Project ID: 10011-007
BCP Site No. C241087

Table 19B – Select SVOCs Statistical Summary in Sediment, ug/kg

SVOC	n	Detects	Min	p25	p50	p75	Max	Mean
Acenaphthene	10	10/10	98.4	161	187	364	102,000	15,579
Acenaphthylene	10	10/10	153	386	423	594	6,050	1,157
Anthracene	10	10/10	294	469	578	1,090	56,200	9,213
Benzo(a)anthracene	10	10/10	565	627	1,068	1,780	25,900	4,495
Benzo(a)pyrene	10	10/10	521	806	1,190	2,010	20,400	3,926
Benzo(b)fluoranthene	10	10/10	404	572	810	1,700	14,500	2,639
Benzo(ghi)perylene	10	10/10	316	462	631	1,140	8,460	1,677
Benzo(k)fluoranthene	10	10/10	349	528	900	1,710	6,090	1,639
Chrysene	10	10/10	685	724	1,290	2,160	24,700	4,805
Dibenzo(ah)anthracene	10	9/10	ND	144	184	310	2,540	478
Fluoranthene	10	10/10	889	1,040	1,665	3,390	49,900	8,754
Fluorene	10	7/10	ND	ND	186	310	52,400	8,061
Naphthalene	10	10/10	38	64.4	157	247	136,000	22,141
Methylnaphthalene -2	10	8/10	ND	43.3	86.6	175	129,000	20,028
Phenanthrene	10	10/10	484	699	980	2,240	149,000	24,460
Pyrene	10	10/10	1,100	1,210	1,790	3,350	94,100	15,108
Bis-2-ethylhexylphthalate	10	10/10	284	1,400	2,650	4,210	6,760	2,995

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Table 20A – Select Pesticides Summary in Sediment, ug/kg

Sample (by depth)	Alpha- chlordane	Gamma- chlordane	Dieldrin	4,4' DDD	4,4' DDE	4,4' DDT
SS1(0-2)	ND	ND	14.7	ND	40.3	23.5
SS2(0-2)	ND	ND	16.9	19.4	22.8	14.2
SS3(0-2)	ND	ND	ND	ND	ND	ND
SS1(2-4)	ND	10.6	19.2	63.9	88.6	27.4
SS2(2-4)	ND	8.9	22.2	37.4	36.9	13.4
SS3(2-4)	ND	ND	ND	ND	14.2	ND
SS1(8-10)	ND	ND	22.5	33.8	38.1	17.1
SS1(8-10)D	ND	ND	16.2	20.8	27.2	13.7
SS2(8-10)	13.9	18.4	53.3	191	67.9	21.6
SS3(8-10)	ND	ND	21.3	13.3	36.7	14.7

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Table 20B – Select Pesticides Statistical Summary in Sediment, ug/kg

Pesticide	n	Detects	Min	p25	p50	p75	Max	Mean
Alpha Chlordane	10	1/10	ND	ND	ND	ND	13.9	1.4
Gamma Chlordane	10	3/10	ND	ND	ND	8.9	18.4	3.8
Dieldrin	10	8/10	ND	14.7	18	22.2	53.3	18.6
4,4' DDD	10	8/10	ND	ND	20.1	37.4	191	38
4,4' DDE	10	9/10	ND	22.8	36.8	40.3	88.6	37
4,4' DDT	10	8/10	ND	13.4	14.5	21.6	27.4	15

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Table 21A – Selected PCBs Summary in Sediment, ug/kg

Sample	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
SS1(0-2)	ND	ND	ND	ND	ND	467	575	1,042
SS2(0-2)	ND	ND	ND	822	ND	436	284	1,542
SS3(0-2)	ND	ND	ND	ND	ND	ND	ND	ND
SS1(2-4)	ND	ND	ND	ND	ND	666	366	1,032
SS2(2-4)	ND	ND	ND	1,240	ND	380	491	2,111
SS3(2-4)	ND	ND	ND	441	ND	ND	ND	441
SS1(8-10)	ND	ND	ND	1,360	ND	430	257	2,047
SS1(8-10)D	ND	ND	ND	1,280	ND	420	ND	1,700
SS2(8-10)	ND	ND	ND	687	ND	632	ND	1,319
SS3(8-10)	ND	ND	ND	994	ND	486	ND	1,480

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Table 21B – Selected PCBs Statistical Summary in Sediment, ug/kg

PCB	n	Detects	Min	p25	p50	p75	Max	Mean
Aroclor 1016	10	0/10	ND	ND	ND	ND	ND	ND
Aroclor 1221	10	0/10	ND	ND	ND	ND	ND	ND
Aroclor 1232	10	0/10	ND	ND	ND	ND	ND	ND
Aroclor 1242	10	7/10	ND	ND	755	1,240	1,360	682
Aroclor 1248	10	0/10	ND	ND	ND	ND	ND	ND
Aroclor 1254	10	8/10	ND	380	433	486	666	392
Aroclor 1260	10	6/10	ND	ND	270	366	575	226

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Table 22A – Select Metals Summary in Sediment, mg/kg

Sample (by depth)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Vanadium	Zinc
SS1(0-2)	31.8	259	1.2	8.5	196	338	400	10.4	35.3	2.2	11	42.7	481
SS2(0-2)	14.4	146	1.3	3.4	141	208	234	2.5	40.9	ND	7.2	55.3	324
SS3(0-2)	13.4	107	1.5	1.1	86.9	130	151	5.1	35.9	ND	4	52.9	247
SS1(2-4)	32	290	1.4	10.4	250	514	520	6.1	62.6	2.6	15.3	57.5	615
SS2(2-4)	16	182	1.4	7	250	336	334	3.9	53.7	ND	12	71.9	403
SS3(2-4)	17.5	139	1.5	3.2	174	235	244	2.5	44.9	ND	8.9	61.5	323
SS1(8-10)	14.7	183	1.4	4.9	179	256	276	3.3	46.9	ND	8.6	62.5	373
SS1(8-10)D	15.4	187	1.4	5.7	206	298	293	3.3	49.3	ND	9.9	67.8	387
SS2(8-10)	24.6	230	1.4	12.4	294	468	410	3.7	86.4	ND	15.3	83.6	561
SS3(8-10)	18.2	174	1.4	7.8	277	390	339	3.4	53.7	ND	14.8	74.8	415

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Table 22B – Select Metals Statistical Summary in Sediment, mg/kg

Metal	n	Detects	Min	p25	p50	p75	Max	Mean
Arsenic	10	10/10	13.4	14.7	16.8	24.6	32	20
Barium	10	10/10	107	146	183	230	290	190
Beryllium	10	10/10	1.2	1.4	1.4	1.4	1.5	1.4
Cadmium	10	10/10	1.1	3.4	6.4	8.5	12.4	6.4
Chromium	10	10/10	86.9	174	201	250	294	205
Copper	10	10/10	130	235	317	390	514	317
Lead	10	10/10	151	244	314	400	520	320
Mercury	10	10/10	2.5	3.3	3.6	5.1	10.4	4.4
Nickel	10	10/10	35.3	40.9	48.1	53.7	86.4	51
Selenium	10	2/10	ND	ND	ND	ND	2.6	.47
Silver	10	10/10	4	8.6	10.5	14.8	15.3	11
Vanadium	10	10/10	42.7	55.3	62	71.9	83.6	63
Zinc	10	10/10	247	324	395	481	615	413

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Table 23 – SVOCs in Sediment and Screening Criteria, mg/kg

SVOC	n	Detects	Min	p50	Mean	Max	ERL	ERM
Acenaphthene	3	3/3	0.098	0.223	17.54	52.3	0.016	0.5
Acenaphthylene	3	3/3	0.22	0.386	10.23	2.46	0.044	0.64
Anthracene	3	3/3	0.32	0.649	10.79	31.4	0.085	1.1
Benzo a anthracene	3	3/3	0.63	1.19	4.37	11.3	0.26	1.6
Benzo a pyrene	3	3/3	0.81	1.36	4.09	10.1	0.43	1.6
Chrysene	3	3/3	0.72	1.48	5.37	13.9	0.38	2.8
Dibenzo a h anthracene	3	3/3	0.17	0.207	0.43	0.92	0.063	0.26
Fluoranthene	3	3/3	0.89	1.94	9.18	24.7	0.60	5.1
Fluorene	3	2/3	ND	0.206	9.14	27.2	0.019	0.54
2-Methylnaphthalene	3	2/3	ND	0.066	23.6	70.7	0.07	0.67
Naphthalene	3	3/3	0.06	0.152	28.2	84.4	0.16	2.1
Phenanthrene	3	3/3	0.48	1.13	29.7	87.5	0.24	1.5
Pyrene	3	3/3	1.2	2.16	15.4	42.8	0.67	2.6

n – number of samples

Min. – minimum value

p50 – 50th percentile value
(median)

Max. – maximum value

ND – Non-detect

ERL – Effects Range

Low

ERM – Effects Range

Medium

Mean – Average value.

Non-detect values treated
as -0.0001

* Semi-volatile organic
compound

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Table 24 – Metals in Sediment and Screening Criteria, mg/kg

Metal	n	Detects	Min	p50	Mean	Max	ERL	ERM
Arsenic	3	3/3	13.4	14.4	19.9	31.8	8.2	70
Cadmium	3	3/3	1.1	3.4	4.3	8.5	1.2	9.6
Chromium	3	3/3	86.9	141	141	196	81	3,700
Copper	3	3/3	130	208	225	338	340	2,700
Iron	3	3/3	26,800	30,900	31,267	36,100	20,000	40,000
Lead	3	3/3	151	234	262	400	470	2,200
Manganese	3	3/3	308	457	519	793	4,600	11,000
Mercury	3	3/3	2.5	5.1	6	10.4	0.15	0.71
Nickel	3	3/3	35.3	35.9	37.4	40.9	211	520
Silver	3	3/3	4	7.2	7.4	11	1	3.7
Zinc	3	3/3	247	324	351	481	1,500	4,100

n – number of samples

Min. – minimum value

p50 – 50th percentile value
(median)

Max. – maximum value

ND – Non-detect

ERL – Effects Range Low

ERM – Effects Range
Medium

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Table 25 – Pesticides in Sediment and Screening Criteria, mg/kg

Pesticide	n	Detects	Min	p50	Mean	Max	ERL	ERM
Dieldrin	3	2/3	ND	0.015	0.011	0.017	0.00002	0.008
4' - 4' DDD	3	2/3	ND	ND	0.006	0.019	0.023	0.18
4' - 4' DDE	3	2/3	ND	0.023	0.021	0.040	0.023	0.18
4' - 4' DDT	3	1/3	ND	0.014	0.013	0.024	0.023	0.18

n – number of samples

Min. – minimum value

p50 – 50th percentile value (median)

Max. – maximum value

ND – Non-detect

ERL – Effects Range Low

ERM – Effects Range Medium

Mean – Average value. Non-detect
values treated as -0.0001

Table 26 – PCBs in Sediment and Screening Criteria, mg/kg

[illegible]