

SOURCE:
USGS TOPOGRAPHIC MAP, ACCESSED VIA
WWW.ARCGISONLINE.COM

0 1,000 2,000 4,000



SCALE, FEET

87 KENT AVENUE
GEOTECHNICAL SERVICES
BROOKLYN, NEW YORK

RONIT REALTY LLC
BROOKLYN, NEW YORK



Project 1320320

SITE LOCATION MAP

April 2013

Figure 1

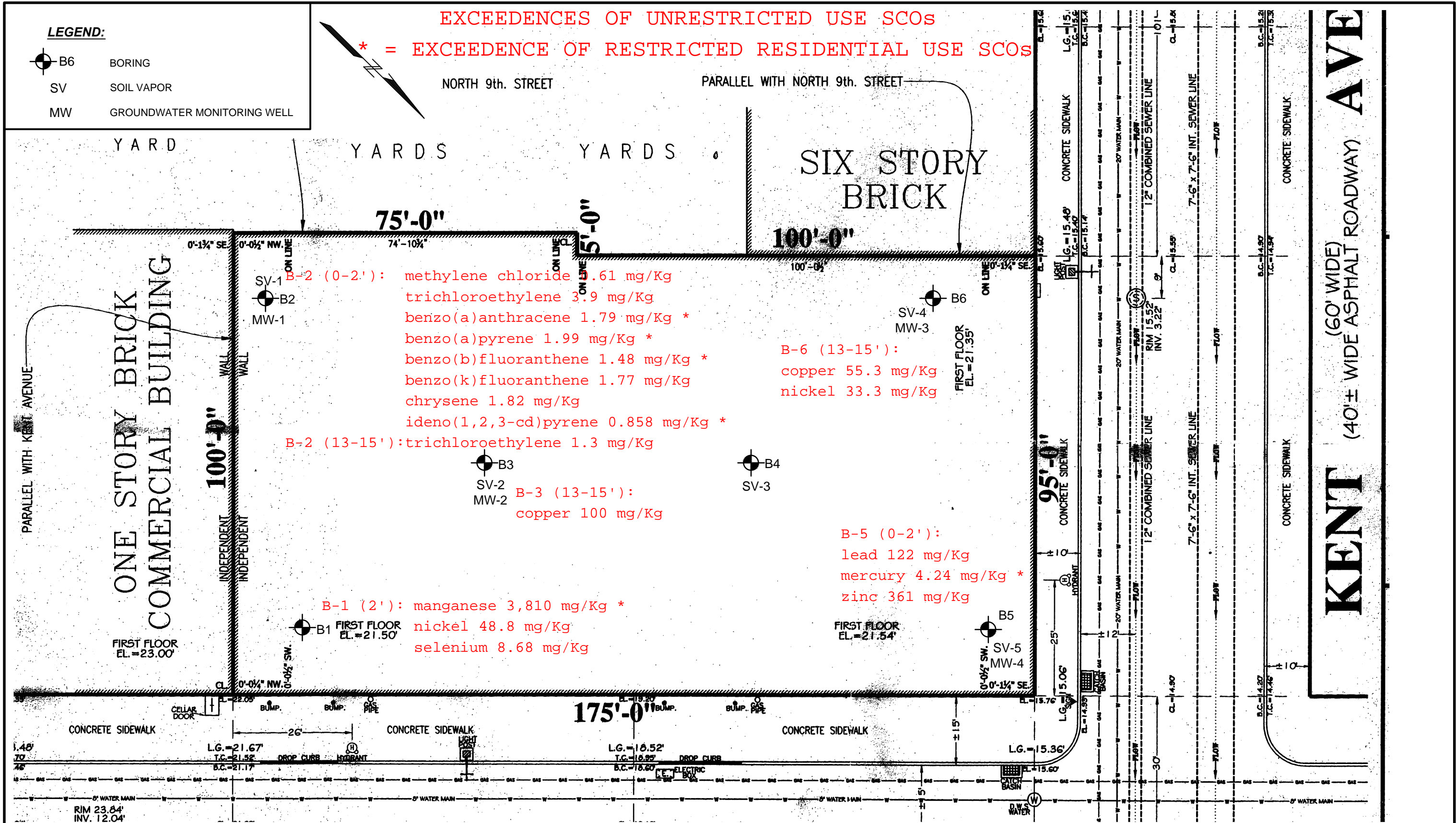
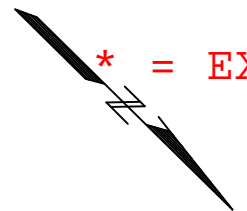
SOIL

EXCEEDENCES OF UNRESTRICTED USE SCOs

* = EXCEEDENCE OF RESTRICTED RESIDENTIAL USE SCOs

LEGEND:

- B6 BORING
- SV SOIL VAPOR
- MW GROUNDWATER MONITORING WELL



NOTES:

1. BASEMAP TAKEN FROM ARCHITECTURAL SURVEY DATED JUNE 13, 2012 BY APPLE SURVEYING
2. BORING LOCATIONS TAPED FROM EXISTING SITE FEATURES.

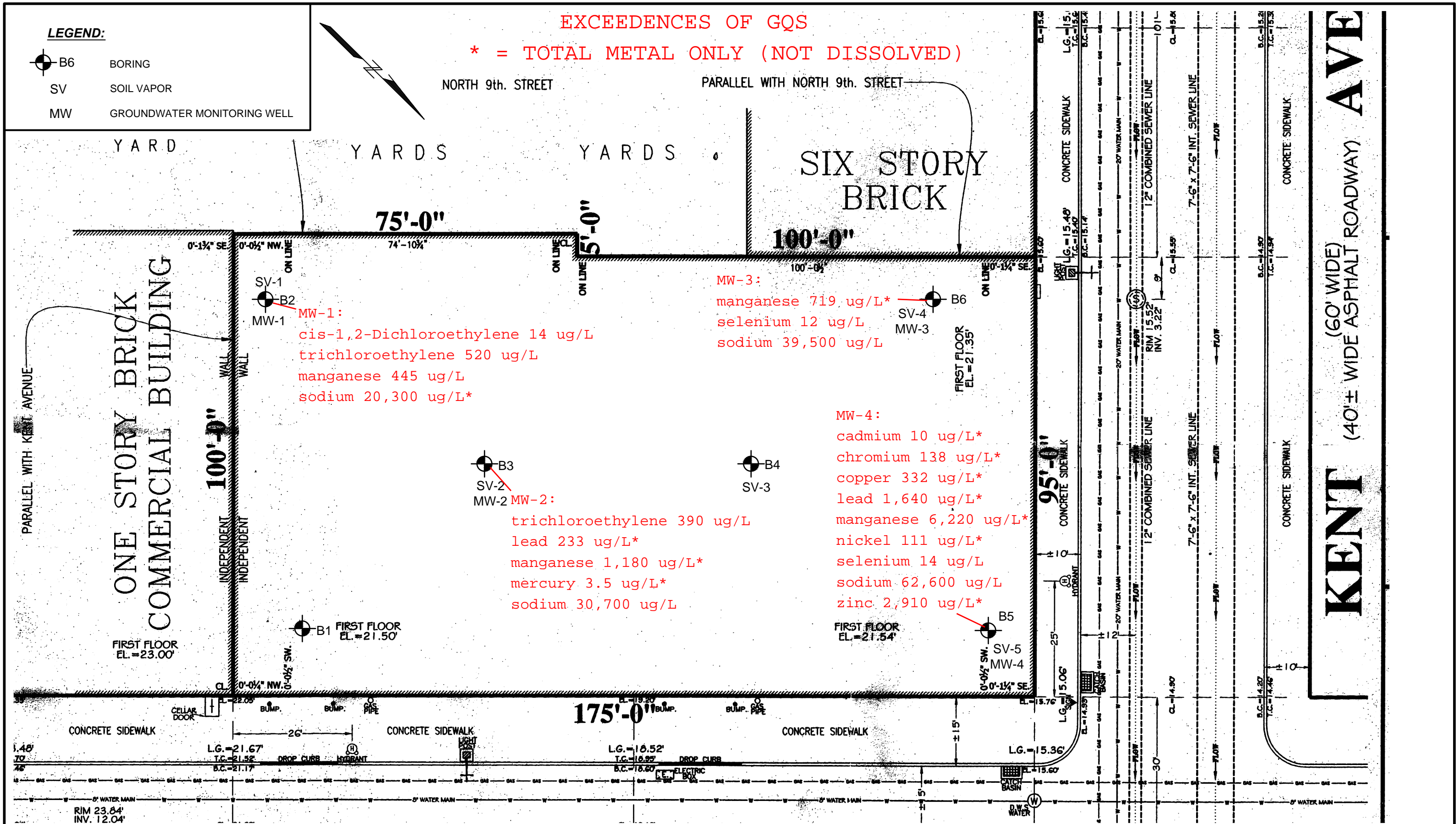


PHASE II SUBSURFACE INVESTIGATION 87 KENT AVENUE BROOKLYN, NEW YORK RONIT REALTY, LLC BROOKLYN, NEW YORK		SAMPLE LOCATION MAP
Project 130810-1000	September 2013	Figure 2

GROUNDWATER

EXCEEDENCES OF GQS

* = TOTAL METAL ONLY (NOT DISSOLVED)



NOTES:

- BASEMAP TAKEN FROM ARCHITECTURAL SURVEY DATED JUNE 13, 2012 BY APPLE SURVEYING
- BORING LOCATIONS TAPED FROM EXISTING SITE FEATURES.



PHASE II SUBSURFACE INVESTIGATION
 87 KENT AVENUE
 BROOKLYN, NEW YORK
 RONIT REALTY, LLC
 BROOKLYN, NEW YORK



SAMPLE LOCATION MAP

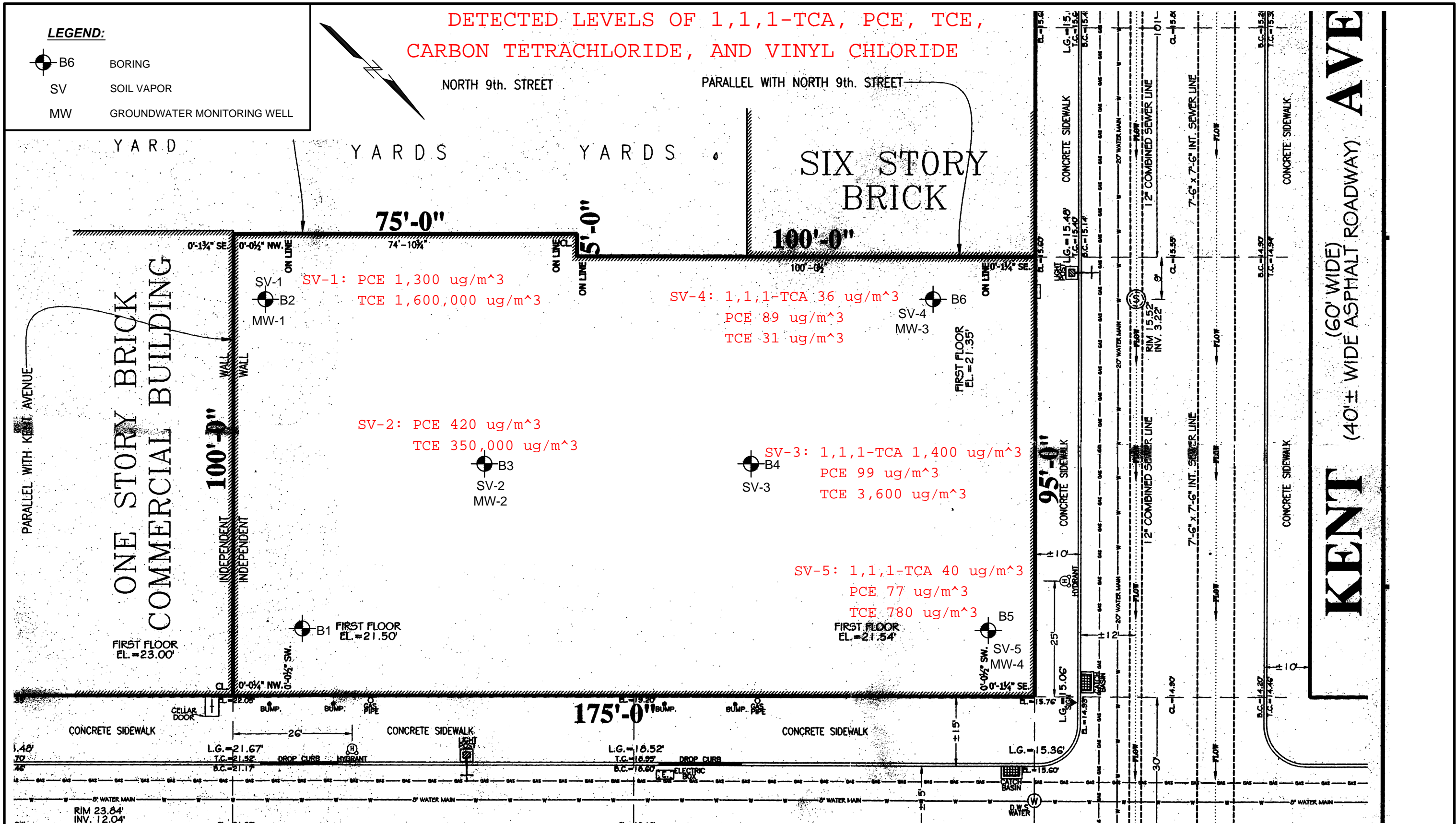
Project 130810-1000

September 2013

Figure 2

SOIL VAPOR

DETECTED LEVELS OF 1,1,1-TCA, PCE, TCE, CARBON TETRACHLORIDE, AND VINYL CHLORIDE



- NOTES:**
- BASEMAP TAKEN FROM ARCHITECTURAL SURVEY DATED JUNE 13, 2012 BY APPLE SURVEYING
 - BORING LOCATIONS TAPED FROM EXISTING SITE FEATURES.




PHASE II SUBSURFACE INVESTIGATION 87 KENT AVENUE BROOKLYN, NEW YORK RONIT REALTY, LLC BROOKLYN, NEW YORK	 Project 130810-1000	SAMPLE LOCATION MAP September 2013	Figure 2
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Table 1. Soil Analytical Results
Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

Sampling Date	NYSDEC Part 375 Unrestricted Use Soil Cleanup Soil	B-1 2'		B-1 (13'-15')		B-2 (0'-2')		B-3 (0'-2')		B-3 (13'-15')		B-4 0'-2'		B-4 (13'-15')		B-5 0'-2'		B-5 (13'-15')		B-6 0'-2'		B-6 (13'-15')		
		8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	
Client/Matrix	Soil	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		
RptUnits	mg/Kg	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,1,1,2-Tetrachloroethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0017	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1,1-Trichloroethane	0.68	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1,2,2-Tetrachloroethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1,2-Trichloroethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1-Dichloroethane	0.27	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1-Dichloroethylene	0.33	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,1-Dichloropropylene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2,3-Trichlorobenzene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2,3-Trichloropropane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2,4-Trichlorobenzene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2,4-Trimethylbenzene	3.6	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2-Dibromo-3-chloropropane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2-Dibromoethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2-Dichlorobenzene	1.1	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2-Dichloroethane	0.02	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,2-Dichloropropane	1.0	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,3,5-Trimethylbenzene	8.4	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,3-Dichlorobenzene	2.4	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,3-Dichloropropane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,4-Dichlorobenzene	1.8	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
1,4-Dioxane	0.1	0.0022	U	0.038	U	4.3	U	0.036	U	0.048	U	0.032	U	0.034	U	0.020	U	0.020	U	0.020	U	0.020	U	
2,2-Dichloropropane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
2-Butanone	0.12	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
2-Chlorotoluene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
4-Chlorotoluene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Acetone	0.05	0.0063	J	0.015	J	0.22	U	0.0056	J	0.0033	J	0.0054	J	0.0019	J	0.0031	J	0.0026	J	0.0030	J	0.0058	J	
Benzene	0.06	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Bromobenzene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Bromochloromethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Bromodichloromethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Bromoform	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Bromomethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Carbon tetrachloride	0.76	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Chlorobenzene	1.1	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Chloroethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Chloroform	0.37	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Chloromethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
cis-1,2-Dichloroethylene	0.25	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
cis-1,3-Dichloropropylene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Dibromochloromethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Dibromomethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Dichlorodifluoromethane	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Ethyl Benzene	1	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Hexachlorobutadiene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Isopropylbenzene	-	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U	0.0014	U	0.0015	U	0.0029	U	
Methyl tert-butyl ether (MTBE)	0.93	0.0022	U	0.0019	U	0.22	U	0.0018	U	0.0024	U	0.0016	U	0.0017	U	0.0010	U							

Table 1. Soil Analytical Results
Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

SampleID	Sampling Date	Client/Matrix	Rpt/Units	Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup mg/kg	B-1* 8/13/2013		B-2 (13-15) 8/13/2013		B-3 (0-2) 8/13/2013		B-3 (0-2) 8/13/2013		B-3 (13-15) 8/27/2013		B-4 13-15* 8/27/2013		B-5 0-2* 8/27/2013		B-6 13-15* 8/27/2013		B-6 0-2* 8/27/2013							
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Semi-Volatiles, 8270 Target List																													
				mg/kg dry	mg/kg dry	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q	mg/kg dry	Q				
				1,2,4-Trichlorobenzene	0.477	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				1,2-Dichlorobenzene	1.1	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				1,3-Dichlorobenzene	2.4	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				1,4-Dichlorobenzene	1.8	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2,4,5-Trichlorophenol	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2,4,6-Trichlorophenol	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2,4-Dichlorophenol	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				2,4-Dimethylphenol	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2,4-Dinitrophenol	-	U		1.190	U	0.913	U	0.182	U	0.177	U	0.190	U	0.219	U	0.203	U	0.179	U	0.179	U	0.185	U	0.211	U
				2,4-Dinitrotoluene	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				2,6-Dinitrotoluene	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2-Chloronaphthalene	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2-Chlorophenol	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2-Methylnaphthalene	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2-Methylphenol	0.33	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				2-Nitroaniline	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				2-Nitrophenol	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				3,3-Dichlorobenzidine	-	U		1.190	U	0.913	U	0.182	U	0.177	U	0.190	U	0.219	U	0.203	U	0.179	U	0.179	U	0.185	U	0.211	U
				3,4,4-Methylendianiline	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				3-Nitroaniline	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				4,6-Dinitro-2-methylphenol	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				4-Bromophenyl phenyl ether	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				4-Chloro-3-methylphenol	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				4-Chloroaniline	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				4-Chlorophenyl phenyl ether	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				4-Nitroaniline	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				4-Nitrophenol	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				Acenaphthene	20	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Acenaphthylene	100	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Aniline	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Anthracene	100	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Benzo(a)anthracene	-	U		1.178	D	0.457	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Benzo(a)pyrene	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Benzo(b)fluoranthene	1	U		0.457	U	1.448	D	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.143	J	0.450	U	0.466	U	0.530	U
				Benzo(g,h)perylene	100	U		0.913	U	0.911	J	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				Benzo(k)fluoranthene	0.8	U		0.457	U	1.777	D	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.115	J	0.450	U	0.466	U	0.530	U
				Benzyl alcohol	-	U		0.913	U	0.459	U	0.914	U	0.889	U	0.955	U	1.10	U	1.02	U	0.898	U	0.901	U	0.933	U	1.06	U
				Benzyl butyl phthalate	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Bis(2-chloroethoxy)methane	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Bis(2-chloroethyl)ether	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Bis(2-chloroisopropyl)ether	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Bis(2-ethylhexyl)phthalate	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Chrysene	1	U		0.457	U	1.82	D	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.153	J	0.450	U	0.466	U	0.530	U
				Di-n-butyl phthalate	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U	0.530	U
				Di-n-octyl phthalate	-	U		0.457	U	0.230	U	0.457	U	0.444	U	0.478	U	0.550	U	0.509	U	0.449	U	0.450	U	0.466	U		

Table 1. Soil Analytical Results
Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

SampleID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Soil mg/Kg	B-1 2'		B-1 (13'-15')		B-2 (0'-2')		B-3 (0'-2')		B-3 (13'-15')		B-2 (13'-15')		B-4 0'-2'		B-4 13'-15'		B-5 0'-2'		B-5 13'-15'		B-6 0'-2'		B-6 13'-15'		
		8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013
Client/Matrix	Soil	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		
Rpt/Units	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		
Compound	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, EPA 8081/8082 List	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
4,4'-DDD	0.0033		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
4,4'-DDE	0.0033		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
4,4'-DDT	0.0033		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Aldrin	0.005		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
alpha-BHC	0.02		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Aroclor 1016	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
Aroclor 1221	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
Aroclor 1232	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
Aroclor 1242	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
Aroclor 1248	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
Aroclor 1254	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
Aroclor 1260	-		0.0193	U	0.0185	U	0.0186	U	0.0185	U	0.0180	U	0.0193	U	0.0223	U	0.0206	U	0.0182	U	0.0182	U	0.0189	U	0.0215	U
beta-BHC	0.036		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Chlordane, total	-		0.00750	U	0.00717	U	0.00722	U	0.00718	U	0.00698	U	0.00751	U	0.00864	U	0.00800	U	0.00708	U	0.00708	U	0.00733	U	0.00833	U
delta-BHC	0.04		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Dieldrin	0.005		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Endosulfan I	2.4		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Endosulfan II	2.4		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Endosulfan sulfate	2.4		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Endrin	0.014		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Endrin aldehyde	-		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Endrin ketone	-		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
gamma-BHC (Lindane)	0.1		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Heptachlor	0.042		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Heptachlor epoxide	-		0.00188	U	0.00179	U	0.00180	U	0.00180	U	0.00175	U	0.00188	U	0.00216	U	0.00200	U	0.00176	U	0.00177	U	0.00183	U	0.00208	U
Methoxychlor	-		0.00938	U	0.00897	U	0.00902	U	0.00898	U	0.00873	U	0.00938	U	0.0108	U	0.0100	U	0.00884	U	0.00884	U	0.00916	U	0.0104	U
Total PCBs	0.1		0.00773	U	0.00739	U	0.00743	U	0.00740	U	0.00719	U	0.00773	U	0.00890	U	0.00825	U	0.00825	U	0.00729	U	0.00755	U	0.00858	U
Toxaphene	-		0.0949	U	0.0908	U	0.0913	U	0.0908	U	0.0883	U	0.0950	U	0.109	U	0.101	U	0.0893	U	0.0893	U	0.0927	U	0.105	U

Bold Text = detected
Yellow Highlighting = detected above Unrestricted Use SCDs
Red Text = detected above Restricted Residential Use SCDs

NOTES:
mg/km=milligram per kilogram
Q is the Qualifier Column with definitions as follows:
D= result is from an analysis that required a dilution
E= result is estimated and cannot be accurately reported due to levels encountered or interferences
J= analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U= analyte not detected at or above the level indicated
--this indicates that no regulatory limit has been established for this analyte

Table 1. Soil Analytical Results
Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

SampleID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Soil mg/Kg	B-1 2'		B-1 (13'-15')		B-2 (0'-2')		B-3 (0'-2')		B-3 (13'-15')		B-4 (0'-2')		B-4 (13'-15')		B-5 (0'-2')		B-5 (13'-15')		B-6 (0'-2')		B-6 (13'-15')			
		Sampling Date	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/13/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013	8/27/2013		
Client/Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Rpt/Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry		
Compound	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, Target Analyte	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		
Aluminum	-		7050		3770		7420		11100		9430		6350		12200		6970		5910		3440		8270		16900
Antimony	-		0.568	U	0.544		0.547	U	0.544		0.529	U	0.559		0.655	U	0.606	U	0.534	U	0.536	U	0.555		0.631
Arsenic	13		1.54		1.62		1.98		2.74		3.64		1.97		2.05		5.37		3.34		1.71		3.18		3.18
Barium	350		113		25.3		55.3		55.8		62.4		37.6		58.5		47.1		75.8		23.6		61.0		157
Beryllium	7.2		0.114		0.109		0.109		0.109		0.106		0.114		0.131		0.121		0.107		0.107		0.111		0.126
Cadmium	2.5		0.341	U	0.326	U	0.328	U	0.326	U	0.317	U	0.341	U	0.393	U	0.364	U	0.321	U	0.322	U	0.333	U	0.379
Calcium	-		1370		912		1600		4060		2650		908		346		962		43300		759		1270		3120
Chromium	-		21.9		13.4		16.6		21.8		22.0		34.8		21.4		17.2		9.49		20.7		34.8		34.8
Cobalt	-		21.9		7.15		6.94		15.0		22.7		7.71		8.73		12.5		7.71		3.82		9.02		16.6
Copper	50		37.5		17.2		18.3		15.5		100		13.3		41.4		15.6		37.5		13.4		55.3		19.7
Iron	-		63400	E	18800		16500		22900		13000		32700		15300		22800		10600		26200		32600		32600
Lead	63		8.80		4.07		6.58		5.35		5.99		4.79		11.3		5.45		132		5.10		5.34		7.01
Magnesium	-		2270		1050		2460		3590		2220		1730		4210		2360		3780		1430		2920		6810
Manganese	1600		3910	E	316		328		311		192		319		311		319		381		125		430		527
Nickel	30		49.6		5.41		12.7		15.8		13.7		9.66		24.9		18.4		21.4		11.4		21.4		33.3
Potassium	-		1360		624		1800		1700		1270		1270		2940		1390		1280		542		1910		3930
Selenium	3.9		8.68		3.04		2.64		3.39		3.59		2.11		2.11		1.21		1.46		1.07	U	2.01		1.35
Silver	2		0.568	U	0.544		0.547	U	0.544		0.529	U	0.569	U	0.606	U	0.606	U	0.534	U	0.536	U	0.555	U	0.631
Sodium	-		197		207		237		201		214		196		175		240		380		133		156		251
Thallium	-		1.14	U	1.09	U	1.09	U	1.09	U	1.06	U	1.14	U	1.31	U	1.21	U	1.07	U	1.07	U	1.11	U	1.26
Vanadium	-		49.3		28.5		25.6		30.1		44.6		23.4		50.0		22.6		25.0		381		51.1		53.1
Zinc	109		77.3		23.1		38.4		83.3		73.0		25.5		79.7		54.1		381		51.7		49.9		65.2
Mercury by 7473	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry
Mercury	0.18		0.0155		0.00696		0.624		0.0175		0.00190		0.00353		0.0107		0.00667		4.24		0.0826		0.0133		0.00795

Yellow Highlighting = detected above Unrestricted Use SCOs
Red Text = detected above Restricted Residential Use SCOs

NOTES:
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U= analyte not detected at or above the level indicated
--this indicates that no regulatory limit has been established for this analyte

Table 2. Groundwater Samples Analytical Results
Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

Sample ID Sampling Date Client Matrix Report Units	NYSDEC TOGS Standards and Water ug/L	MW-1 8/29/2013 Water ug/L		MW-2 8/29/2013 Water ug/L		MW-3 8/29/2013 Water ug/L		MW-4 8/29/2013 Water ug/L	
		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List	ug/L	ug/L		ug/L		ug/L		ug/L	
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2-Trichloroethane	1	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethylene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloropropylene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	1	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U
4-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	50	2.5	U	2.6	J	5.8	J	12	J
Benzene	1	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	2.5	U	2.5	U	2.5	U	2.5	U
Bromoform	50	2.5	U	2.5	U	2.5	U	2.5	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Carbon tetrachloride	5	2.5	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethylene	5	14	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropylene	0.4	2.5	U	2.5	U	2.5	U	2.5	U
Dibromochloromethane	50	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	~	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Ethyl Benzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert-butyl ether (MTBE)	10	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U
p- & m- Xylenes	5	5.0	U	5.0	U	5.0	U	5.0	U
p-Isopropyltoluene	5	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethylene	5	2.5	U	2.5	U	2.5	U	2.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethylene	5	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropylene	0.4	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethylene	5	520	D	390	D	3.9	J	2.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	~	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Chloride	2	2.5	U	2.5	U	2.5	U	2.5	U
Xylenes, Total	5	7.5	U	7.5	U	7.5	U	7.5	U

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Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

Sample ID Sampling Date Client Matrix Report Units	NYSDEC TOGS Standards and Water ug/L	MW-1 8/29/2013 Water ug/L		MW-2 8/29/2013 Water ug/L		MW-3 8/29/2013 Water ug/L		MW-4 8/29/2013 Water ug/L	
		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List	ug/L	ug/L		ug/L		ug/L		ug/L	
Semi-Volatiles, 8270 Target List	ug/L	ug/L		ug/L		ug/L		ug/L	
1,2,4-Trichlorobenzene	5	2.67	U	2.53	U	2.60	U	2.47	U
1,2-Dichlorobenzene	3	2.69	U	2.55	U	2.62	U	2.49	U
1,3-Dichlorobenzene	3	2.82	U	2.68	U	2.75	U	2.61	U
1,4-Dichlorobenzene	3	2.39	U	2.27	U	2.33	U	2.21	U
2,4,5-Trichlorophenol	1	2.06	U	1.96	U	2.01	U	1.91	U
2,4,6-Trichlorophenol	1	1.89	U	1.79	U	1.84	U	1.75	U
2,4-Dichlorophenol	5	2.04	U	1.94	U	1.99	U	1.89	U
2,4-Dimethylphenol	50	1.73	U	1.64	U	1.68	U	1.60	U
2,4-Dinitrophenol	10	2.43	U	2.31	U	2.37	U	2.25	U
2,4-Dinitrotoluene	5	1.74	U	1.65	U	1.69	U	1.61	U
2,6-Dinitrotoluene	5	1.74	U	1.65	U	1.69	U	1.61	U
2-Chloronaphthalene	10	2.38	U	2.26	U	2.32	U	2.20	U
2-Chlorophenol	1	1.94	U	1.84	U	1.88	U	1.79	U
2-Methylnaphthalene	~	2.98	U	2.83	U	2.91	U	2.76	U
2-Methylphenol	1	1.25	U	1.19	U	1.22	U	1.16	U
2-Nitroaniline	5	1.82	U	1.72	U	1.77	U	1.68	U
2-Nitrophenol	1	2.55	U	2.42	U	2.48	U	2.36	U
3,3'-Dichlorobenzidine	5	1.37	U	1.30	U	1.34	U	1.27	U
3- & 4-Methylphenols	~	1.21	U	1.15	U	1.18	U	1.12	U
3-Nitroaniline	5	1.82	U	1.72	U	1.77	U	1.68	U
4,6-Dinitro-2-methylphenol	~	1.75	U	1.66	U	1.71	U	1.62	U
4-Bromophenyl phenyl ether	~	1.44	U	1.36	U	1.40	U	1.33	U
4-Chloro-3-methylphenol	1	2.04	U	1.94	U	1.99	U	1.89	U
4-Chloroaniline	5	3.22	U	3.06	U	3.14	U	2.98	U
4-Chlorophenyl phenyl ether	~	2.65	U	2.51	U	2.58	U	2.45	U
4-Nitroaniline	5	2.90	U	2.75	U	2.82	U	2.68	U
4-Nitrophenol	1	1.79	U	1.70	U	1.75	U	1.66	U
Acenaphthene	20	1.91	U	1.82	U	1.86	U	1.77	U
Acenaphthylene	~	1.88	U	1.78	U	1.83	U	1.74	U
Aniline	5	1.62	U	1.54	U	1.58	U	1.50	U
Anthracene	50	1.29	U	1.22	U	1.25	U	1.19	U
Benzo(a)anthracene	0.002	1.42	U	1.34	U	1.38	U	1.31	U
Benzo(a)pyrene	0.002	1.41	U	1.33	U	1.37	U	1.30	U
Benzo(b)fluoranthene	0.002	1.52	U	1.45	U	1.48	U	1.41	U
Benzo(g,h,i)perylene	~	1.85	U	1.75	U	1.80	U	1.71	U
Benzo(k)fluoranthene	0.002	1.98	U	1.88	U	1.93	U	1.83	U
Benzyl alcohol	~	1.57	U	1.49	U	1.53	U	1.45	U
Benzyl butyl phthalate	50	1.38	J	0.874	U	0.897	U	0.852	U
Bis(2-chloroethoxy)methane	5	1.91	U	1.82	U	1.86	U	1.77	U
Bis(2-chloroethyl)ether	1	1.62	U	1.54	U	1.58	U	1.50	U
Bis(2-chloroisopropyl)ether	5	3.23	U	3.07	U	3.15	U	2.99	U
Bis(2-ethylhexyl)phthalate	5	5.17	U	4.90	U	5.03	U	4.78	U
Chrysene	0.002	1.59	U	1.51	U	1.55	U	1.47	U
Di-n-butyl phthalate	50	2.22	U	2.10	U	2.16	U	2.05	U
Di-n-octyl phthalate	50	1.21	U	1.15	U	1.18	U	1.12	U
Dibenzo(a,h)anthracene	~	1.69	U	1.60	U	1.64	U	1.56	U
Dibenzofuran	~	2.61	U	2.47	U	2.54	U	2.41	U
Diethyl phthalate	50	2.77	U	2.63	U	2.69	U	2.56	U
Dimethyl phthalate	50	2.06	U	1.96	U	2.01	U	1.91	U
Fluoranthene	50	1.34	U	1.27	U	1.31	U	1.24	U
Fluorene	50	1.98	U	1.88	U	1.93	U	1.83	U
Hexachlorobenzene	0.04	1.37	U	1.30	U	1.34	U	1.27	U
Hexachlorobutadiene	0.5	3.02	U	2.86	U	2.94	U	2.79	U
Hexachlorocyclopentadiene	5	2.74	U	2.59	U	2.66	U	2.53	U
Hexachloroethane	5	3.29	U	3.12	U	3.20	U	3.04	U
Indeno(1,2,3-cd)pyrene	0.002	1.84	U	1.74	U	1.79	U	1.70	U
Isophorone	50	2.90	U	2.75	U	2.82	U	2.68	U
N-nitroso-di-n-propylamine	~	2.77	U	2.63	U	2.69	U	2.56	U
N-Nitrosodimethylamine	~	0.421	U	0.399	U	0.409	U	0.389	U
N-Nitrosodiphenylamine	50	5.41	U	5.13	U	5.26	U	5.00	U
Naphthalene	10	2.15	U	2.04	U	2.09	U	1.99	U
Nitrobenzene	0.4	1.83	U	1.73	U	1.78	U	1.69	U
Pentachlorophenol	1	1.57	U	1.49	U	1.53	U	1.45	U
Phenanthrene	50	1.48	U	1.41	U	1.44	U	1.37	U
Phenol	1	1.19	U	1.13	U	1.16	U	1.10	U
Pyrene	50	1.87	U	1.77	U	1.82	U	1.73	U
Pyridine	50	4.23	U	4.01	U	4.12	U	3.91	U

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		Result	Q	Result	Q	Result	Q	Result	Q
Pesticides/PCBs, EPA 8081/8082 List	ug/L	ug/L		ug/L		ug/L		ug/L	
4,4'-DDD	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
4,4'-DDE	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
4,4'-DDT	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Aldrin	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
alpha-BHC	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Aroclor 1016	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Aroclor 1221	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Aroclor 1232	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Aroclor 1242	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Aroclor 1248	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Aroclor 1254	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Aroclor 1260	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U
beta-BHC	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Chlordane, total	~	0.00421	U	0.00421	U	0.00421	U	0.00421	U
delta-BHC	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Dieldrin	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Endosulfan I	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Endosulfan II	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Endosulfan sulfate	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Endrin	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Endrin aldehyde	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Endrin ketone	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
gamma-BHC (Lindane)	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Heptachlor	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Heptachlor epoxide	~	0.00105	U	0.00105	U	0.00105	U	0.00105	U
Methoxychlor	~	0.00526	U	0.00526	U	0.00526	U	0.00526	U
Total PCBs	0.09	0.0526	U	0.0526	U	0.0526	U	0.0526	U
Toxaphene	~	0.0526	U	0.0526	U	0.0526	U	0.0526	U

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		Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte									
Aluminum	~	1960		5150		1530		23000	
Antimony	3	5	U	5	U	5	U	5	
Arsenic	25	4	U	4		4	U	21	
Barium	1000	51		166		54		551	
Beryllium	3	1	U	1	U	1	U	2	
Cadmium	5	3	U	3	U	3	U	10	
Calcium	~	70900		134000		81600		333000	
Chromium	50	5	U	14		5	U	138	
Cobalt	~	5	U	16		5	U	90	
Copper	200	10		62		4		332	
Iron	~	2940		10100		1380		25600	
Lead	25	7		233		3	U	1640	
Magnesium	35000	13000		22100		21300		18500	
Manganese	300	445		1180		719		6220	
Nickel	100	8		23		8		111	
Potassium	~	15300		12700		4290		18600	
Selenium	10	10	U	10	U	12		14	
Silver	50	5	U	5	U	5	U	5	U
Sodium	20000	20300		30700		39500		62600	
Thallium	~	5	U	5	U	5	U	5	U
Vanadium	~	10	U	29		10	U	76	
Zinc	2000	150		601		24		2910	
Mercury by 7470/7471									
Mercury	0.7	0.2		3.5		0.2	U	0.6	
Metals, Target Analyte, Dissolved									
Aluminum	~	11		10	U	10	U	13	
Antimony	3	5	U	5	U	5	U	5	U
Arsenic	25	4	U	4	U	4	U	6	
Barium	1000	33		62		35		19	
Beryllium	3	1	U	1	U	1	U	1	U
Cadmium	5	3	U	3	U	3	U	3	U
Calcium	~	70700		122000		57800		120000	
Chromium	50	5	U	5	U	5	U	5	U
Cobalt	~	5	U	5	U	5	U	5	U
Copper	200	3	U	5		3	U	11	
Iron	~	20	U	20	U	20	U	20	U
Lead	25	3	U	3	U	3	U	3	U
Magnesium	35000	11000		19400		17500		5810	
Manganese	300	351		73		172		5	U
Nickel	100	5	U	6		5	U	5	U
Potassium	~	12700		11600		3560		14900	
Selenium	10	10	U	10	U	14		12	
Silver	50	5	U	5	U	5	U	5	U
Sodium	20000	18700		30100		34300		63700	
Thallium	~	5	U	5	U	5	U	5	U
Vanadium	~	10	U	10	U	10	U	10	U
Zinc	2000	97		185		10	U	10	U
Mercury by 7470/7471									
Mercury	0.7	0.05000	U	0.05000	U	0.05000	U	0.05000	U

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Table 3. Soil Vapor Analytical Results
Remedial Investigation Report
87 Kent Avenue
Brooklyn, New York

Sample ID		SV-1		SV-2		SV-3		SV-4		SV-5	
Sampling Date		8/29/2013		8/29/2013		8/29/2013		8/29/2013		8/29/2013	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Report Units		ug/m ³		ug/m ³		ug/m ³		ug/m ³		ug/m ³	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<i>Volatile Organics, EPA TO15 Full List</i>		ug/m ³		ug/m ³		ug/m ³		ug/m ³		ug/m ³	
1,1,1-Trichloroethane		19000	U	9500	U	1400	D	36	D	40	D
Carbon tetrachloride		5.4	U	5.5	U	5.4	U	5.6	U	5.6	U
Tetrachloroethylene		1300	D	420	D	99	D	89	D	77	D
Trichloroethylene		1600000	D	350000	D	3600	D	31	D	780	D
Vinyl Chloride		4.4	U	4.4	U	4.4	U	4.5	U	4.5	U

Bold Values = Detected

NOTES:

ug/m³=micrograms per cubic meter

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