Table 1
Soil and Groundwater Sampling Summary Table

Phase II Investigation
Consolidated Edison - Former kent Avenue Generating Station
500 Kent Avenue
Brooklyn, NY

Sample ID	Date Installed	Date Sample Collected	Sample Matrix	Method of Installation/Type of Boring or Well	Method of Sample Collection	Number of Samples Collected	Sample Depth (ft bgs)	Parameters Analyzed
PBL-1	7/26/2006	7/26/2006	Soil	Test Pit Excavation	Grab	1	5-5.5	Solvents via 8260, petroleum products, phenols, PAH, and other chemicals via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8015M, Total Organic Carbon
PBL-2	7/26/2006	7/26/2006	Soil	Test Pit Excavation	Grab	1	6-6.5	Solvents via 8260, petroleum products, phenols, PAH, and other chemicals via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8015M. Sample also collected for waste characterization: RCRA TCLP VOCs, RCRA TCLP SVOCs, RCRA TCLP Metals, ignitability, corrosivity, and reactivity.
PBL-5	7/25/2006	7/25/2006	Soil	Test Pit Excavation	Grab	1	8-8.5	Solvents via 8260, petroleum products, phenols, PAH, and other chemicals via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8015M. Sample also collected for waste characterization: RCRA TCLP VOCs, RCRA TCLP SVOCs, RCRA TCLP Metals, ignitability, corrosivity, and reactivity.
PBL-7	7/17/2006	7/17/2006	Soil	Test Pit Excavation	Grab	1	7-7.5	Solvents via 8260, petroleum products, phenols, PAH, and other chemicals via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8015M
PBL-8 / PBL-8A	7/14/2006	7/14/2006	Soil	Test Pit Excavation	Grab	2	8-8.5 / 9-9.5	Solvents via 8260, petroleum products, phenols, PAH, and other chemicals via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8015M. Sample also collected for waste characterization: RCRA TCLP VOCs, RCRA TCLP SVOCs, RCRA TCLP Metals, ignitability, corrosivity, and reactivity.
PBL-9	7/20/2006	7/20/2006	Soil	Test Pit Excavation	Grab	1	14-14.5	Solvents via 8260, petroleum products, phenols, PAH, and other chemicals via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8015M, Total Organic Carbon

ft bgs = feet below ground surface

Table 1 (continued)
Soil and Groundwater Sampling Summary Table

Phase II Investigation
Consolidated Edison - Former kent Avenue Generating Station
500 Kent Avenue
Brooklyn, NY

Sample ID	Date Installed	Date Sample Collected	Sample Matrix	Method of Installation/Type of Boring or Well	Method of Sample Collection	Number of Samples Collected	Sample Depth (ft bgs)	Parameters Analyzed
S-1	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	3-3.5	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations), Target Analyte List (TAL Metals) by EPA Methods 6010B/7471
S-2	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	2-2.5	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations), VOCs by EPA Method 8260B, and SVOCs by EPA Method 8270 (PAHs only)
S-3	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	2.5-3	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations), VOCs by EPA Method 8260B, and SVOCs by EPA Method 8270 (PAHs only)
S-4	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	3.5-4	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations)
S-5	12/5/2006	12/5/2006	Soil/Water	Soil boring using hand auger	Hand auger	1	4-4.5	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations)
S-6	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	3-3.5	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations)
S-7	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	4.5-5	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations)

ft bgs = feet below ground surface

Table 1 (continued)
Soil and Groundwater Sampling Summary Table

Phase II Investigation
Consolidated Edison - Former kent Avenue Generating Station
500 Kent Avenue
Brooklyn, NY

Sample ID	Date Installed	Date Sample Collected	Sample Matrix	Method of Installation/Type of Boring or Well	Method of Sample Collection	Number of Samples Collected	Sample Depth (ft bgs)	Parameters Analyzed
S-8	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	3-3.5	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations)
S-9	12/5/2006	12/5/2006	Soil	Soil boring using hand auger	Hand auger	1	2.5-3	PCBs via EPA method 8082, TPH via EPA method 8015M (with fingerprint analysis performed on detectable concentrations)
MW-1	8/9/2006	12/5/2006	Water	Hollow Stem Auger/20 ft deep Permanent Monitoring Well	Bladder Pump	1	22-25	Solvents via 8260, petroleum products and PAH via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8100M
MW-2	8/9/2006	12/5/2006; 1/3/07	Water	Hollow Stem Auger/20 ft deep Permanent Monitoring Well	Bladder Pump	1	22-25	**12/5/06**: Solvents via 8260, petroleum products and PAH via 8270, PCBs via 8082, metals via TAL Metals 6010B/7471, Total Petroleum Hydrocarbons via 8100M. **1/3/07:** Solvents via 8260, PAH via 8270, Chlorides by 325.2
GW-1	12/5/2006	12/5/2006	Water	Geoprobe/14 ft deep Temporary Well	Peristaltic Pump	1	9.0-10.0	VOCs by EPA Method 8260B, SVOCs and PAHs by EPA Method 8270 (acid extractables and base neutrals), PCBs via EPA Method 8082, TPH via EPA Method 8015M (with fingerprint analysis performed on detectable concentrations), Target Analyte List (TAL Metals) by EPA Methods 6010B/7471 (a filtered and an unfiltered sample were collected)

ft bgs = feet below ground surface

TABLE 2
DRAFT SUMMARY OF SOIL ANALYTICAL RESULTS
WASTE CHARACTERIZATION SAMPLES
FORMER KENT AVENUE GENERATING STATION
500 KENT AVENUE, BROOKLYN, NEW YORK

Sample ID:			PBL-2 (6'-6.5')		PBL-5 (8'-8.5')		PBL-8 (8'-8.5')		PBL-8A (9'-9.5')		Toxicity Regulatory Level*
Sample Date:			7/26/2006		7/25/2006		7/14/2006		7/14/2006		
Analyte	Analytical Method	Units									
% solids	SM2540G	percent	NA		NA		NA		NA		**
Ignitability	EPA 7.1	^{0}C	NO		NO		NO		NO		**
Mercury (TCLP)	EPA 7470A TCLP	ppm	0.0011	J	0.00079	J	0.00094	J	0.00074	J	0.2
Arsenic (TCLP)	EPA 6010 TCLP	ppm	0.0332	U	0.0343	J	0.836		0.464		5.0
Barium (TCLP)	EPA 6010 TCLP	ppm	0.0588	J	0.5830	J	0.750	J	0.640	J	100.0
Cadmium (TCLP)	EPA 6010 TCLP	ppm	0.00330	U	0.0033	U	0.00327	U	0.00327	U	1.0
Chromium (TCLP)	EPA 6010 TCLP	ppm	0.0034	U	0.0034	U	0.287		0.010	J	5.0
Lead (TCLP)	EPA 6010 TCLP	ppm	0.02820	U	0.483		0.0220	U	0.0218	U	5.0
Selenium (TCLP)	EPA 6010 TCLP	ppm	0.0304	U	0.0304	U	0.0030	U	0.0030	U	1.0
Silver (TCLP)	EPA 6010 TCLP	ppm	0.0164	U	0.0164	U	0.0164	U	0.00428	J	5.0
pH	EPA 9045C	standard units	9.0		8.7		6.60		8.10		**
Releasable Cyanide	Reactive Cyanide	mg/Kg	10		10		10	U	10	U	**
Releasable Sulfide	Reactive Sulfide	mg/Kg	40		40		40	U	40	U	**
2,4,5-Trichlorophenol	EPA 8270 TCLP	ppm	0.0012	U	0.0012	U	0.0012	U	0.0012	U	400.0
2,4,6-Trichlorophenol	EPA 8270 TCLP	ppm	0.0011	U	0.0011	U	0.0011	U	0.0011	U	2.0
2-4 Dinitrotoluene	EPA 8270 TCLP	ppm	0.0012	U	0.0012	U	0.0012	U	0.0012	U	0.13
Hexachlorobenzene	EPA 8270 TCLP	ppm	0.0012	U	0.0012	U	0.0012	U	0.0012	U	0.13
Hexachlorobutadiene	EPA 8270 TCLP	ppm	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.5
Hexachloroethane	EPA 8270 TCLP	ppm	0.0012	U	0.0012	U	0.0012	U	0.0012	U	3.0
Nitrobenzene	EPA 8270 TCLP	ppm	0.0016	U	0.0016	U	0.0016	U	0.0016	U	2.0
Pentachlorophenol	EPA 8270 TCLP	ppm	0.0016	U	0.0016	U	0.0016	U	0.0016	U	100.0
Pyridine	EPA 8270 TCLP	ppm	0.00098	U	0.00098	U	0.00098	U	0.00098	U	5.0
2-Methylphenol	EPA 8270 TCLP	ppm	0.0015	U	0.0015	U	0.0015	U	0.003	J	**
3+4-Methylphenols	EPA 8270 TCLP	ppm	0.0013	U	0.0013	U	0.012		0.016		**
1,4-Dichlorobenzene	EPA 8270 TCLP	ppm	0.0014	U	0.0014	U	0.0012	U	0.0012	U	7.5
Benzene	EPA 8260 TCLP	ppm	0.0019	U	0.0019	U	0.00039	U	0.00039	U	0.5
Vinyl Chloride	EPA 8260 TCLP	ppm	0.0016	U	0.0016	U	0.00033	U	0.00033	U	0.2
2-Butanone	EPA 8260 TCLP	ppm	0.0057	U	0.0057	U	0.0011	U	0.0011	U	**
Chlorobenzene	EPA 8260 TCLP	ppm	0.0023	U	0.0023	U	0.00047	U	0.00047	U	100.0
1,1-Dichloroethene	EPA 8260 TCLP	ppm	0.0021	U	0.0021	U	0.00042	U	0.00042	U	0.7
Carbon Tetrachloride	EPA 8260 TCLP	ppm	0.0057	U	0.0057	U	0.0011	U	0.0011	U	0.5
Chloroform	EPA 8260 TCLP	ppm	0.0017	U	0.0017	U	0.00033	U	0.00033	U	6.0
1,2-Dichloroethane	EPA 8260 TCLP	ppm	0.0017	U	0.0017	U	0.00034	U	0.00034	U	0.5
Trichloroethene	EPA 8260 TCLP	ppm	0.0023	U	0.0027	J	0.00046	U	0.00046	U	0.5
Tetrachloroethene	EPA 8260 TCLP	ppm	0.0024	U	0.0024	U	0.00048	U	0.00048	U	0.7

Notes:

* Toxicity Regulatory Levels from NYSDEC, TC Rule, september 25, 1990

**No guidance value published in this reference

J = Compound detected in sample at concentration less than the MDL (an estimated concentration).

NA = Not analyzed

U =Not detected.

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
CON EDISON - FORMER KENT AVENUE POWER STATION
BROOKLYN, NEW YORK

Sample ID:	PBL-1	PBL-2	PBL-5	PBL-5RE	PBL-7	PBL-7RE	PBL-8	PBL-8A	PBL-8ARE	PBL-9	PBL-9RE	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	5'-5.5'	6'-6.5'	8'-8.5'	8'-8.5'	7'-7.5'	7'-7.5'	8'-8.5'	9'-9.5'	9'-9.5'	14'-14.5'	14'-14.5'	
Sample Type:	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
Sample Date:	7/26/2006	7/26/2006	7/25/2006	7/25/2006	7/17/2006	7/17/2006	7/14/2006	7/14/2006	7/14/2006	7/20/2006	7/20/2006	
Concentration Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Volatile Organic Compounds												
(VOCs) by EPA Method 8260:												
Chloromethane	0.0052 U	0.0053 U	0.0052 U	0.0054 U	0.0057 U	0.0057 U	0.0066 U	0.0063 U	0.0062 U	0.0056 U	0.0056 U	**
Vinyl Chloride	0.005 U	0.0051 U	0.005 U	0.0052 U	0.0055 U	0.0055 U	0.0064 U	0.0061 U	0.006 U	0.0054 U	0.0054 U	0.2
Bromomethane	0.012 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U	0.016 U	0.015 U	0.015 U	0.013 U	0.013 U	**
Chloroethane	0.013 U	0.013 U	0.013 U	0.013 U	0.014 U	0.014 U	0.017 U	0.016 U	0.016 U	0.014 U	0.014 U	1.9
1,1-Dichloroethene	0.0035 U	0.0035 U	0.0035 U	0.0036 U	0.0038 U	0.0038 U	0.0045 U	0.0042 U	0.0042 U	0.0038 U	0.0038 U	0.4
Acetone	0.120 JB	0.1 JB	0.020 U	0.084 JB	0.160 J	0.110 J	0.140 J	0.093 J	0.077 J	0.076 J	0.094 JB	0.2
Carbon disulfide	0.0022 U	0.02 JB	0.0022 U	0.0023 U	0.0024 U	0.0024 U	0.029 J	0.0027 U	0.0027 U	0.0024 U	0.022 J	2.7
Methylene Chloride	0.011 U	0.011 U	0.011 U	0.011 U	0.012 U	0.012 U	0.014 U	0.013 U	0.013 U	0.012 U	0.012 U	0.1
trans-1,2-Dichloroethene	0.0039 U	0.0039 U	0.0039 U	0.004 U	0.0042 U	0.0042 U	0.005 U	0.0047 U	0.0047 U	0.0042 U	0.0042 U	**
1,1-Dichloroethane	0.0016 U	0.0017 U	0.0016 U	0.017 U	0.0018 U	0.0018 U	0.0021 U	0.002 U	0.002 U	0.0018 U	0.0018 U	0.2
2-Butanone	0.028 J	0.017 U	0.017 U	0.018 U	0.019 U	0.019 U	0.022 U	0.021 U	0.021 U	0.019 U	0.019 U	0.3
Carbon Tetrachloride	0.0027 U	0.0027 U	0.0027 U	0.0028 U	0.0029 U	0.0029 U	0.0034 U	0.0033 U	0.0032 U	0.0029 U	0.0029 U	0.6
cis-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.0024 U	0.0025 U	0.0024 U	0.0024 U	0.0021 U	0.0021 U	**
Chloroform	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0027 U	0.0026 U	0.0026 U	0.0023 U	0.0023 U	0.3
1,1,1-Trichloroethane	0.0025 U	0.0026 U	0.0025 U	0.0026 U	0.0028 U	0.0028 U	0.0033 U	0.0031 U	0.0031 U	0.0028 U	0.0028 U	0.8
Benzene	0.0024 U	0.0025 U	0.0024 U	0.0025 U	0.0027 U	0.0026 U	0.0031 U	0.0029 U	0.0029 U	0.0026 U	0.0026 U	0.06
1,2-Dichloroethane	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0024 U	0.0023 U	0.0023 U	0.002 U	0.002 U	0.1
Trichloroethene	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0024 U	0.0023 U	0.0023 U	0.002 U	0.002 U	0.7
1,2-Dichlororpropane	0.0024 U	0.0025 U	0.0024 U	0.0025 U	0.0026 U	0.0026 U	0.0031 U	0.0029 U	0.0029 U	0.0026 U	0.0026 U	**
Bromodichloromethane	0.002 U	0.0021 U	0.002 U	0.0021 U	0.0022 U	0.0022 U	0.0026 U	0.0025 U	0.0025 U	0.0022 U	0.0022 U	**
4-Methyl-2-Pentanone	0.012 U	0.012 U	0.012 U	0.012 U	0.013 U	0.013 U	0.015 U	0.015 U	0.015 U	0.013 U	0.013 U	1.0
Toluene	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0027 U	0.0027 U	0.0032 U	0.003 U	0.003 U	0.0027 U	0.0027 U	1.5
t-1,3-Dichloropropene	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0024 U	0.0024 U	0.0028 U	0.0027 U	0.0027 U	0.0024 U	0.0024 U	**
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.0021 U	0.0022 U	0.0022 U	0.0026 U	0.0024 U	0.0024 U	0.0022 U	0.0022 U	**
1,1,2-Trichloroethane	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.002 U	0.0019 U	0.0023 U	0.0022 U	0.0022 U	0.0019 U	0.0019 U	**
2-Hexanone	0.022 U	0.022 U	0.022 U	0.023 U	0.024 U	0.024 U	0.028 U	0.027 U	0.027 U	0.024 U	0.024 U	**
Dibromochloromethane	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0015 U	0.0015 U	0.0018 U	0.0017 U	0.0017 U	0.0015 U	0.0015 U	N/A
Tetrachloroethene	0.0045 U	0.0045 U	0.0045 U	0.0046 U	0.0049 U	0.0048 U	0.0057 U	0.0054 U	0.0054 U	0.0048 U	0.0048 U	1.4
Chlorobenzene	0.0022 U	0.0022 U	0.0022 U	0.023 U	0.0024 U	0.0024 U	0.0028 U	0.0027 U	0.0027 U	0.0024 U	0.0024 U	0.6
Ethyl Benzene	0.0096 J	0.0022 U	0.0022 U	0.0022 U	0.0024 U	0.0023 U	0.0028 U	0.0026 U	0.0026 U	0.0023 U	0.0023 U	5.5
p&m-Xylenes	0.0093 J	0.0053 U	0.0053 U	0.0054 U	0.015 J	0.011 J	0.0067 U	0.0064 U	0.0064 U	0.0057 U	0.0057 U	**
o-Xylene	0.013 J	0.0024 U	0.0023 U	0.0024 U	0.0026 U	0.0025 U	0.003 U	0.0028 U	0.0028 U	0.0025 U	0.0025 U	**
Styrene	0.0028 U	0.0028 U	0.0028 U	0.0029 U	0.0031 U	0.003 U	0.0036 U	0.0034 U	0.0034 U	0.003 U	0.003 U	**
Bromoform	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.002 U	0.0024 U	0.0023 U	0.0023 U	0.002 U	0.002 U	**
1,1,2,2-Tetrachloroethane	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.0021 U	0.002 U	0.0024 U	0.0023 U	0.0023 U	0.002 U	0.002 U	0.6
Total VOCs	0.180	0.120	0	0.084	0.175	0.121	0.169	0.093	0.077	0.076	0.116	10

Notes:

* Soil cleanup guidance values from NYSDEC, TAGM 4046, April 1995

**No guidance value published in this reference

MDL = Method Detection Limit

J = Indicates an estimated value.

U = Indicates the compound was analzyed for but was not detected.

Highlighted concentrations exceed their respective TAGM value.

N/A = not available

TABLE 3 (CONT.)
SOIL ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN,NY

Sample ID:	PBL-1	PBL-1DL	PBL-2	PBL-5	PBL-5DL	PBL-7	PBL-7RE	PBL-8	PBL-8DL	PBL-8A	PBL-8ARE	PBL-9	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	5'-5.5'	5'-5.5'	6'-6.5'	8'-8.5'	8'-8.5'	7'-7.5'	7'-7.5'	8'-8.5'	8'-8.5'	9'-9.5'	9'-9.5'	14'-14.5'	
Sample Type:	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
Sample Date:	7/26/2006	7/26/2006	7/26/2006	7/25/2006	7/25/2006	7/17/2006	7/17/2006	7/14/2006	7/14/2006	7/14/2006	7/14/2006	7/20/2006	
Dilution Factor	10	50	1	1	5	1	1	1	10	1/1/1900	1/1/1900		
Concentration Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270:													
1,2,4-Trichlorobenzene	0.690 U	3.400 UD	0.069 U	0.069 U	0.340 UD	0.074 U	0.074 U	0.089 U	0.890 UD	0.084 U	0.084 U	0.074 U	0.7
1,2-Dichlorobenzene	0.600 U	3.000 UD	0.061 U	0.061 U	0.300 UD	0.065 U	0.065 U	0.079 U	0.790 UD	0.074 U	0.074 U	0.065 U	**
1,3-Dichlorobenzene	0.630 U	3.100 UD	0.064 U	0.063 U	0.320 UD	0.068 U	0.068 U	0.082 U	0.820 UD	0.077 U	0.077 U	0.068 U	0.3
1,4-Dichlorobenzene	0.710 U	3.500 UD	0.071 U	0.071 U	0.350 UD	0.076 U	0.076 U	0.092 U	0.920 UD	0.087 U	0.087 U	0.076 U	1.7
2,2-oxybis(1-Chloropropane)	0.650 U	3.200 UD	0.065 U	0.065 U	0.320 UD	0.070 U	0.070 U	0.084 U	0.840 UD	0.079 U	0.079 U	0.070 U	**
2,4,5-Trichlorophenol	0.610 U	3.100 UD	0.062 U	0.062 U	0.310 UD	0.066 U	0.066 U	0.080 U	0.800 UD	0.075 U	0.075 U	0.066 U	**
2,4,6-Trichlorophenol	0.590 U	2.900 UD	0.060 U	0.059 U	0.300 UD	0.064 U	0.064 U	0.077 U	0.770 UD	0.072 U	0.072 U	0.064 U	**
2,4-Dichlorophenol	0.740 U	3.700 UD	0.075 U	0.075 U	0.370 UD	0.080 U	0.080 U	0.097 U	0.970 UD	0.091 U	0.091 U	0.080 U	0.4
2,4-Dimethylphenol	0.640 U	3.200 UD	0.064 U	0.064 U	0.320 UD	0.069 U	0.069 U	13.000 E	17.000 D	0.078 U	0.870	0.069 U	**
2,4-Dinitrophenol	3.400 U	17.000 UD	0.350 U	0.340 U	1.700 UD	0.370 U	0.370 U	0.450 U	4.500 UD	0.420 U	0.420 U	0.370 U	0.2
2,4-Dinitrotoluene	0.590 U	2.900 UD	0.060 U	0.059 U	0.300 UD	0.064 U	0.064 U	0.077 U	0.770 UD	0.072 U	0.072 U	0.064 U	1.0
2,6-Dinitrotoluene	0.570 U	2.800 UD	0.057 U	0.057 U	0.280 UD	0.061 U	0.061 U	0.074 U	0.740 UD	0.070 U	0.070 U	0.061 U	1.0
2-Chloronaphthalene	0.670 U	3.300 UD	0.067 U	0.067 U	0.330 UD	0.072 U	0.072 U	0.087 U	0.870 UD	0.082 U	0.082 U	0.072 U	**
2-Chlorophenol	0.640 U	3.200 UD	0.065 U	0.064 U	0.320 UD	0.069 U	0.069 U	0.083 U	0.830 UD	0.079 U	0.079 U	0.069 U	0.80
2-Methylnaphthalene	0.850 J	3.400 UD	0.068 U	0.067 U	0.340 UD	0.260 J	0.260 J	0.300 J	0.870 UD	0.300 J	0.280 J	0.072 U	36.4
2-Methylphenol	0.670 U	3.300 UD	0.067 U	0.067 U	0.330 UD	0.072 U	0.072 U	**1.900**	**1.700** JD	**0.110** J	0.082 U	0.072 U	0.100 or MDL
2-Nitroaniline	0.510 U	2.500 UD	0.052 U	0.051 U	0.260 UD	0.055 U	0.055 U	0.066 U	0.660 UD	0.062 U	0.062 U	0.055 U	0.430 or MDL
2-Nitrophenol	0.620 U	3.100 UD	0.062 U	0.062 U	0.310 UD	0.067 U	0.067 U	0.080 U	0.800 UD	0.076 U	0.076 U	0.067 U	0.330 or MDL
3,3-Dichlorobenzidine	0.690 U	3.400 UD	0.069 U	0.069 U	0.340 UD	0.074 U	0.074 U	0.089 U	0.890 UD	0.084 U	0.084 U	0.074 U	**
3+4-Methylphenols	0.630 U	3.200 UD	0.064 U	0.064 U	0.320 UD	0.068 U	0.068 U	5.000 E	5.400 D	0.340 J	0.330 J	0.068 U	**
3-Nitroaniline	0.520 U	**2.600**	0.053 U	0.052 U	0.260 UD	0.057 U	0.057 U	0.068 U	0.680 UD	0.064 U	0.064 U	0.057 U	0.500 or MDL
4,6-Dinitro-2-methylphenol	0.780 U	3.900 UD	0.079 U	0.078 U	0.390 UD	0.084 U	0.084 U	0.100 U	1.000 UD	0.095 U	0.095 U	0.084 U	**
4-Bromophenyl-phenylether	0.600 U	3.000 UD	0.061 U	0.060 U	0.300 UD	0.065 U	0.065 U	0.078 U	0.780 UD	0.073 U	0.073 U	0.065 U	**
4-Chloro-3-methylphenol	0.550 U	2.800 UD	0.056 U	0.056 U	0.280 UD	0.060 U	0.060 U	0.072 U	0.720 UD	0.068 U	0.068 U	0.060 U	0.240 or MDL
4-Chloroaniline	0.480 U	2.400 UD	0.048 U	0.048 U	0.240 UD	0.052 U	0.052 U	0.062 U	0.620 UD	0.059 U	0.059 U	0.052 U	0.220 or MDL
4-Chlorophenyl-phenylether	0.630 U	3.200 UD	0.064 U	0.064 U	0.320 UD	0.069 U	0.069 U	0.083 U	0.830 UD	0.078 U	0.078 U	0.069 U	**
4-Nitroaniline	0.690 U	3.400 UD	0.069 U	0.069 U	0.340 UD	0.074 U	0.074 U	0.089 U	0.890 UD	0.300 J	0.084 U	0.074 U	**
4-Nitrophenol	0.500 U	2.500 UD	0.050 U	0.050 U	0.250 UD	0.054 U	0.054 U	0.065 U	0.650 UD	0.061 U	0.061 U	0.054 U	0.100 or MDL
Acenaphthene	14.000	21.000 D	0.072 U	0.320 J	0.360 UD	0.077 U	0.077 U	0.093 U	0.930 UD	0.110 J	0.110 J	0.077 U	50.0
Acenaphthylene	21.000	38.000 D	0.066 U	0.140 J	0.330 UD	0.070 U	0.070 U	0.085 U	0.850 UD	0.083 J	0.080 J	0.070 U	41.0
Anthracene	28.000	46.000 D	0.088 J	0.820	0.850 JD	0.100 J	0.100 J	0.079 U	0.790 UD	0.180 J	0.180 J	0.065 U	50.00
Benzo(a)anthracene	**27.000**	**37.000** D	0.130 J	**2.200**	**2.200** D	0.061 U	0.094 J	0.073 U	**0.730** UD	**0.290** J	0.280 J	0.061 U	0.224 or MDL
Benzo(a)pyrene	**24.000**	11.000 JD	**0.110** J	**2.300**	**2.200** D	0.069 U	0.069 U	0.084 U	**0.840** UD	**0.300** J	0.079 U	0.069 U	0.061 or MDL
Benzo(b)fluoranthene	**23.000**	25.000 D	0.100 J	**3.700** E	**3.000** D	0.048 U	0.048 U	0.057 U	0.570 UD	0.460 J	0.400 J	0.048 U	1.10
Benzo(g,h,I)perylene	4.500	10.000 JD	0.067 U	0.670	1.000 JD	0.072 U	0.072 U	0.086 U	0.860 UD	0.270 J	0.430 J	0.072 U	50.0
Benzo(k)fluoranthene	**7.700**	**11.000** D	0.089 U	**1.300**	1.000 JD	0.095 U	0.095 U	0.110 U	1.100 UD	0.180 J	0.190 J	0.095 U	1.1
bis(2-Chloroethoxy)methane	0.660 U	3.300 UD	0.067 U	0.066 U	0.330 UD	0.071 U	0.071 U	0.086 U	0.860 UD	0.081 U	0.081 U	0.071 U	**
bis(2-Chloroethyl)ether	0.630 U	3.200 UD	0.064 U	0.064 U	0.320 UD	0.069 U	0.069 U	0.083 U	0.830 UD	0.078 U	0.078 U	0.069 U	**
bis(2-Ethylhexyl)phthalate	0.770 U	3.900 UD	0.078 U	0.077 U	0.390 UD	0.083 U	0.083 U	0.100 U	1.000 UD	0.094 U	0.100 J	0.083 U	50.0
Butylbenzylphthalate	0.650 U	3.200 UD	0.066 U	0.065 U	0.330 UD	0.070 U	0.070 U	0.084 U	0.840 UD	0.080 U	0.080 U	0.070 U	50.0
Carbazole	1.000 J	3.100 UD	0.062 U	0.370 J	0.350 JD	0.066 U	0.066 U	0.080 U	0.800 UD	0.075 U	0.075 U	0.066 U	**
Chrysene	**24.000**	**35.000** D	0.130 J	**2.100**	2.100 D	0.078 U	0.390 J	0.094 U	0.940 UD	0.340 J	0.340 J	0.078 U	0.60
Dibenz(a,h)anthracene	**0.820** J	2.500 UD	0.051 U	**0.063** J	0.250 UD	0.054 U	0.054 U	0.066 U	0.660 UD	0.062 U	0.062 U	0.054 U	0.014 or MDL
Dibenzofuran	4.500	6.500 JD	0.067 U	0.180 J	0.330 UD	0.098 J	0.100 J	0.086 U	0.860 UD	0.120 J	0.120 J	0.072 U	6.2
Diethylphthalate	0.690 U	3.500 UD	0.070 U	0.070 U	0.350 UD	0.075 U	0.075 U	0.090 U	0.900 UD	0.085 U	0.085 U	0.075 U	7.1
Dimehylphthalate	0.650 U	3.200 UD	0.065 U	0.065 U	0.320 UD	0.070 U	0.070 U	0.084 U	0.840 UD	0.079 U	0.079 U	0.070 U	2.0
Di-n-butylphthalate	0.610 U	3.100 UD	0.062 U	0.061 U	0.310 UD	0.066 U	0.066 U	0.080 U	0.800 UD	0.075 U	0.075 U	0.066 U	8
Di-n-octyl phthalate	0.680 U	3.400 UD	0.069 U	0.069 U	0.340 UD	0.074 U	0.074 U	0.089 U	0.890 UD	0.084 U	0.084 U	0.074 U	50.0
Fluoranthene	37.000 E	**77.000** D	0.250 J	3.600 E	4.800 D	0.140 J	0.130 J	0.078 U	0.780 UD	0.520	0.410 J	0.065 U	50.0
Fluorene	33.000 E	**57.000** D	0.086 J	0.370 J	0.340 UD	0.120 J	0.120 J	0.088 U	0.880 UD	0.120 J	0.110 J	0.073 U	50.0
Hexachlorobenzene	0.640 U	3.200 UD	0.065 U	0.064 U	0.320 UD	0.069 U	0.069 U	0.084 U	0.840 UD	0.079 U	0.079 U	0.069 U	0.41
Hexachlorobutadiene	0.620 U	3.100 UD	0.062 U	0.062 U	0.310 UD	0.067 U	0.067 U	0.080 U	0.800 UD	0.076 U	0.076 U	0.067 U	**
Hexachlorocyclopentadiene	0.640 U	3.200 UD	0.065 U	0.064 U	0.320 UD	0.069 U	0.069 U	0.083 U	0.830 UD	0.079 U	0.079 U	0.069 U	**
Hexachloroethane	0.680 U	3.400 UD	0.069 U	0.068 U	0.340 UD	0.074 U	0.074 U	0.089 U	0.890 UD	0.084 U	0.084 U	0.074 U	0.4
Indeno(1,2,3-cd)pyrene	**3.500** J	**16.000** JD	0.052 U	0.510 U	1.700 JD	0.055 U	0.055 U	0.066 U	0.660 UD	0.120 J	0.190 J	0.110 J	3.20
Isophorone	0.600 U	3.000 UD	0.061 U	0.061 U	0.300 UD	0.065 U	0.065 U	0.078 U	0.780 UD	0.074 U	0.074 U	0.065 U	4.4
Naphthalene	12.000	**17.000** JD	0.069 U	0.160 J	0.340 UD	0.200 J	0.200 J	0.210 J	0.890 UD	0.300 J	0.300 J	0.074 U	13.0
Nitrobenzene	0.880 U	4.400 UD	0.089 U	0.088 U	0.440 UD	0.095 U	0.095 U	0.110 U	1.100 UD	0.110 U	0.110 U	0.095 U	0.200 or MDL
N-Nitroso-di-n-propylamine	0.660 U	3.300 UD	0.067 U	0.067 U	0.330 UD	0.072 U	0.072 U	0.087 U	0.870 UD	0.081 U	0.081 U	0.072 U	**
N-Nitrosodiphenylamine	0.660 U	3.300 UD	0.067 U	0.066 U	0.330 UD	0.071 U	0.071 U	0.086 U	0.860 UD	0.081 U	0.081 U	0.071 U	**
Pentachlorophenol	0.930 U	4.600 UD	0.094 U	0.093 U	0.470 UD	0.100 U	0.100 U	0.120 U	**1.200** UD	0.110 U	0.110 U	0.100 U	1.0 or MDL
Phenanthrene	**69.000** E	**150.000** D	0.320 J	2.700	3.200 D	0.440	0.450	0.093 J	0.830 UD	0.550	0.550	0.069 U	50.0
Phenol	0.610 U	3.000 UD	0.061 U	0.061 U	0.310 UD	0.066 U	0.066 U	0.350 J	**0.790** UD	0.075 U	0.075 U	0.066 U	0.03 or MDL
Pyrene	**60.000** E	**97.000** D	0.380 J	3.800 E	3.700 D	0.640	0.580	0.092 U	0.920 UD	0.820	1.100	0.077 U	50.0
Total SVOCs:	394.87	822.4	1.59	24.79	44.35	1.998	2.424	20.85	24.10	5.81	6.37	0.11	500

Notes:
* Soil cleanup guidance values from NYSDEC, TAGM 4046, April 1995
**No guidance value published in this reference
Highlighted concentrations exceed their respective TAGM value.
MDL = Method Detection Limit
J = Indicates an estimated value.
U =The compound was not detected at the indicated concentration.
D = Identifies all compounds identified in an analysis at a secondary dilution factor.

TABLE 3 (CONT.)
SUMMARY OF SOIL ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN,NY

Sample ID:	PBL-1	PBL-2	PBL-5	PBL-7	PBL-8	PBL-8A	PBL-9	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	5'-5.5'	6'-6.5'	8'-8.5'	7'-7.5'	8'-8.5'	9'-9.5'	14'-14.5'	
Sample Type:	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
Sample Date:	7/26/2006	7/26/2006	7/25/2006	7/17/2006	7/14/2006	7/14/2006	7/20/2006	
Concentration Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals								
by EPA Method 6010B/7471:								
Aluminum	6,510	4,920	4,310	1,980	8,500	6,950	6,920	33,000
Antimony	1.8 JN	0.41 U	3.3 JN	0.43 U	0.51 U	26.6	3.2 JN	NA
Arsenic	4.4	4.1	10.9	**59.90**	**1270**	**680**	**12.8**	12.0
Barium	39.3 E	25.3 E	397	102.0	509	304	26 J	600
Beryllium	0.45 J	0.34 J	0.32 J	0.53 J	**2.62**	1.21	0.38 J	1.75
Cadmium	0.14 J	0.04 U	1.7	**1.09**	**5.02**	**1.19**	0.04 U	1
Calcium	2,150 E	2,530 E	16,500 E	5,420	18,700	32,600	3,810	35,000
Chromium	11.9	12.6	13.7	35.90	**65.60**	39.10	11	40
Cobalt	6.7	6.2 JN	6.3 N	7.23	20.20	11.40	6.2 JN	60
Copper	41.2	16.7	287	**1,010**	**152**	**524**	12.4	50
Iron	14,900	16,100	18,600	58,600	96,300	55,500	14,000	550,000
Lead	75.8	34.2	**805**	152	480	**576**	43.8	**
Magnesium	2,460	2,150	2,070	804	**8,610**	**7,380**	2,250	5,000
Manganese	151 E	205 E	303 E	166.0	460	280	161 E	5,000
Mercury [1]	0.164	0.1	0.694	**0.36**	**1.40**	**1.30**	0.06	0.20
Nickel	14.4	13	39.9	**33.2**	**140**	**117**	11.8	25
Potassium	1,380	945	726	6.97 U	8.30 U	1,200	798	43,000
Selenium	1.5 N	0.42 U	1.0 J	**5.28**	**53.00**	**24.60**	2.3 N	3.9
Silver	0.57 J	0.65 J	1.2 J	0.10 U	4.05	0.119 U	0.47 J	NA
Sodium	775 N	1,030 N	291 JN	223 J	2,000	38.80 U	176 JN	8,000
Thallium	1.2	1.3	0.640 U	0.693 U	9.710	5.390	0.72 J	NA
Vanadium	18.4 E	19.9 E	16 E	18.1	62	35.5	16.4 E	300
Zinc	**183**	**50.2**	**771**	**495**	**2,190**	**718**	48.9	50.0
Total Metals	28,727	28,065	45,155	69,114	139,534	106,975	28,311	NA

Notes:

*Standards were derived from the highest of Eastern USA Background Levels, an alternative to TAGM values as reported by the NYSDEC for background metals in the lower Hudson Valley.

**Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

Highlighted concentrations exceed their respective TAGM value.

Mercury analyzed by EPA Method 7471

MDL = Method Detection Limit

NA = Not Analyzed

J = Indicates an estimated value.

U = Indicates the compound was analzyed for but was not detected.

N= Presumptive Evidence of a Compound

E = Value exceeds instrument calibration range

TABLE 3 (CONT.)
SUMMARY OF SOIL ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN,NY

Sample ID:	PBL-1	PBL-2	PBL-5	PBL-7	PBL-8	PBL-8A	PBL-9	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	5'-5.5'	6'-6.5'	8'-8.5'	7'-7.5'	8'-8.5'	9'-9.5'	14'-14.5'	
Sample Type:	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
Sample Date:	7/26/2006	7/26/2006	7/25/2006	7/17/2006	7/14/2006	7/14/2006	7/20/2006	
Concentration Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs								
by EPA Method 8082:								
AROCLOR 1016	0.0031 U	0.0031 U	0.003 U	0.0033 U	0.004 U	0.0038 U	0.0033 U	10(1)
AROCLOR 1221	0.0048 U	0.0048 U	0.0047 U	0.0051 U	0.006 U	0.0058 U	0.0051 U	10(1)
AROCLOR 1232	0.0071 U	0.0072 U	0.007 U	0.0077 U	0.009 U	0.0087 U	0.0077 U	10(1)
AROCLOR 1242	0.0063 U	0.0064 U	0.0062 U	0.0068 U	0.008 U	0.0078 U	0.0068 U	10(1)
AROCLOR 1248	0.0031 U	0.0031 U	0.003 U	0.0033 U	0.004 U	0.0038 U	0.0033 U	10(1)
AROCLOR 1254	0.002 U	0.002 U	0.002 U	0.0022 U	0.003 U	0.0025 U	0.0022 U	10(1)
AROCLOR 1260	0.0051 U	0.0052 U	0.095	3.500 E	0.370 P	0.450	0.0055 U	10(1)
Total Petroleum Hydrocarbons (TPH) by EPA Method 8015	3,420	17.90	113.00	NA	1,560	808.00	ND	**
Qualitative TPH GC Fingerprint by EPA Method 8015	HW	HW	HW	M	M+B	M+B	NA	**
Total Organic Carbon by EPA Method 9060	>19488	3,500	>19362	NA	NA	NA	4700	

Notes:

* Soil cleanup guidance values from NYSDEC, TAGM 4046, April 1995

**No guidance value published in this reference

Highlighted concentrations exceed their respective TAGM value.

MDL = Method Detection Limit

U =The compound was not detected at the indicated concentration.

NA= not Analyzed.

E= Value Exceeds Calibration Range

HW= #6 Fuel Oil, Weathered

M= 50 W Lubricating Oil

B= Some Unknown Fuel Oil

P= For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

(1) = This soil cleanup objective applies to subsurface concentrations to protect groundwater quality

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
CON EDISON - FORMER KENT AVENUE POWER STATION
BROOKLYN, NEW YORK

Sample ID:	S-2	S-3	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	2' - 2.5'	2.5' - 3'	
Sample Type:	Grab	Grab	
Sample Date:	12/5/2006	12/5/2006	
Concentration Unit:	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds			
(VOCs) by EPA Method 8260:			
Chloromethane	ND U	ND U	**
Vinyl Chloride	ND U	ND U	0.2
Bromomethane	ND U	ND U	**
Chloroethane	ND U	ND U	1.9
1,1-Dichloroethene	ND U	ND U	0.4
Acetone	ND U	ND U	0.2
Carbon disulfide	ND U	ND U	2.7
Methylene Chloride	ND U	ND U	0.1
trans-1,2-Dichloroethene	ND U	ND U	**
1,1-Dichloroethane	ND U	ND U	0.2
2-Butanone	ND U	ND U	0.3
Carbon Tetrachloride	ND U	ND U	0.6
cis-1,2-Dichloroethene	ND U	ND U	**
Chloroform	ND U	ND U	0.3
1,1,1-Trichloroethane	ND U	ND U	0.8
Benzene	ND U	ND U	0.06
1,2-Dichloroethane	ND U	ND U	0.1
Trichloroethene	ND U	ND U	0.7
1,2-Dichlororpropane	ND U	ND U	**
Bromodichloromethane	ND U	ND U	**
4-Methyl-2-Pentanone	ND U	ND U	1.0
Toluene	ND U	ND U	1.5
t-1,3-Dichloropropene	ND U	ND U	**
cis-1,3-Dichloropropene	ND U	ND U	**
1,1,2-Trichloroethane	ND U	ND U	**
2-Hexanone	ND U	ND U	**
Dibromochloromethane	ND U	ND U	**
Tetrachloroethene	ND U	ND U	1.4
Chlorobenzene	ND U	ND U	0.6
Ethyl Benzene	0.0082 J	0.0059 J	5.5
p&m-Xylenes	0.012 J	0.0066 J	**
o-Xylene	ND U	ND U	**
Styrene	ND U	ND U	**
Bromoform	ND U	ND U	**
1,1,2,2-Tetrachloroethane	ND U	ND U	0.6
Total VOCs	0.0202	0.0125	10

Notes:
* Soil cleanup guidance values from NYSDEC, TAGM 4046, April 1995
**No guidance value published in this reference
J = Indicates an estimated value.
U = Indicates the compound was analzyed for but was not detected.
Highlighted concentrations exceed their respective TAGM value.

Sample ID:	S-2	S-3	S-3RE	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	2' - 2.5'	2.5' - 3'	2.5' - 3'	
Sample Type:	Grab	Grab	Grab	
Sample Date:	12/5/2006	12/5/2006	12/5/2006	
Concentration Unit:	mg/kg	mg/kg	mg/kg	mg/kg
Semi-Volatile Organic Compounds				
(SVOCs) by EPA Method 8270:				
Acenaphthene	0.110 J	0.120 J	0.110 J	50
Acenaphthylene	ND U	ND U	ND U	41
Anthracene	0.320 J	0.300 J	0.300 J	50
Benzo(a)anthracene	**0.520**	**0.840**	**0.860**	0.224 or MDL
Benzo(a)pyrene	**0.380** J	**0.640**	**0.650**	0.061 or MDL
Benzo(b)fluoranthene	0.500	0.820	0.930	1.10
Benzo(g,h,i)perylene	0.120 J	0.490	0.270 J	50
Benzo(k)fluoranthene	0.250 J	0.310 J	0.320 J	1.1
Chrysene	0.490	**0.740**	**0.780**	0.60
Dibenz(a,h)anthracene	ND U	ND U	ND U	0.014 or MDL
Fluoranthene	1.400	1.300	1.800	50
Fluorene	0.110 J	0.110 J	0.110 J	50
Indeno(1,2,3-cd)pyrene	0.130 J	0.390	0.240 J	3
Naphthalene	0.100 J	ND U	ND U	13
Phenanthrene	1.00	1.100	1.100	50
Pyrene	1.10	2.80	1.80	50
Total SVOCs:	6.530	9.960	9.270	500

Notes:

* Soil cleanup guidance values from NYSDEC, TAGM 4046, April 1995

**No guidance value published in this reference

Highlighted concentrations exceed their respective TAGM value.

MDL = Method Detection Limit

J = Indicates an estimated value.

U = Indicates the compound was analzyed for but was not detected.

D = Identifies all compounds identified in an analysis at a secondary dilution factor.

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN,NY

Sample ID:	S-1		TAGM Recommended Soil Conc. *
Sample Depth (ft.):			
Sample Type:	Grab		
Sample Date:	12/5/2006		
Concentration Unit:	mg/kg		mg/kg
Metals			
by EPA Methods 6010B/7471:			
Aluminum	4,370		33,000
Antimony	7.280		NA
Arsenic	2.810		12.0
Barium	41.3		600
Beryllium	0.253	J	1.75
Cadmium	0.546	J	1
Calcium	3,620		35,000
Chromium	14.20		40
Cobalt	4.30	J	60
Copper	32.0		50
Cyanide	NA		NA
Iron	9,130		550,000
Lead	82.4		**
Magnesium	1,330		5,000
Manganese	216.0		5,000
Mercury	0.12		0.20
Nickel	9.81		25
Potassium	404.0	J	43,000
Selenium	ND	U	3.9
Silver	0.449	J	NA
Sodium	224	J	8,000
Thallium	ND	U	NA
Vanadium	16.3		300
Zinc	**59**		50.0
Total Metals	19,565		**

Notes:

*Standards were derived from the highest of Eastern USA Background Levels, an alternative to TAGM values as reporte by the NYSDEC for background metals

**No guidance value published in this reference

***Average background levels in metropolitan or suburban areas or near highways are much higher and typically range f

Highlighted concentrations exceed their respective TAGM value.

MDL = Method Detection Limit NA = Not Analyzed

J = Indicates an estimated value. ND=Not detected

U = Indicates the compound was analzyed for but was not detected.

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN,NY

Sample ID:	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-8DL	S-9	S-9DL	TAGM Recommended Soil Conc. *
Sample Depth (ft.):	3' - 3.5'	2' - 2.5'	2.5' - 3'	3.5' - 4'	4' - 4.5'	3' - 3.5'	4.5' - 5'	3' - 3.5'	3' - 3.5'	2.5' - 3'	2.5' - 3'	
Sample Type:	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
Sample Date:	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs by EPA Method 8082:												
AROCLOR 1016	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	10(1)
AROCLOR 1221	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	10(1)
AROCLOR 1232	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	10(1)
AROCLOR 1242	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	10(1)
AROCLOR 1248	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	10(1)
AROCLOR 1254	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	ND U	10(1)
AROCLOR 1260	0.1	0.260	0.130	0.160	0.230	0.089	0.050	0.600	0.690	0.590 E	0.700 D	10(1)
Total Petroleum Hydrocarbons (TPH) by EPA Method 8015	25.7	127.0	53.6	89.0	96.4	183.0	51.1	64.4	NA	315.0	NA	**
Qualitative TPH GC Fingerprint by EPA Method 8015	E	E	E	E	E	M	E	E	NA	E	NA	**

Notes:

* Soil cleanup guidance values (subsurface) from NYSDEC, TAGM 4046, April 1995

**No guidance value published in this reference

MDL = Method Detection Limit ND = Not Detected

D = Identifies all compounds identified in an analysis at a secondary dilution factor.
U = Indicates the compound was analzyed for but was not detected.
E= No Calibrated Fuel Type Detected
M= 50 W Lubricating Oil

D = Identifies all compounds identified in an analysis at a secondary dilution factor.

(1) = This soil cleanup objective applies to subsurface concentrations to protect groundwater quality

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CON EDISON - FORMER KENT AVENUE GENERATING STATION
BROOKLYN, NEW YORK

Sample ID:	GW-1		MW-1		MW-2		MW-2DL		NYS TOGS*
Sample Type:	Field		Field		Field		Field		
Dilution Rate:	1		1		1		10		
Sample Date:	12/5/2006		12/5/2006		12/5/2006		12/5/2006		
Concentration Unit:	ug/L		ug/L		ug/L		ug/L		ug/L
Volatile Organic Compounds									
(VOCs) by EPA Method 8260:									
Chloromethane	ND	U	ND	U	ND	U	ND	U	5
Vinyl Chloride	ND	U	ND	U	ND	U	ND	U	2
Bromomethane	ND	U	ND	U	ND	U	ND	U	5
Chloroethane	ND	U	ND	U	ND	U	ND	U	5
1,1-Dichloroethene	ND	U	ND	U	ND	U	ND	U	5
Acetone	ND	U	ND	U	ND	U	ND	U	50
Carbon disulfide	ND	U	ND	U	ND	U	ND	U	**
Methylene Chloride	ND	U	ND	U	ND	U	ND	U	5
trans-1,2-Dichloroethene	ND	U	ND	U	ND	U	ND	U	5
1,1-Dichloroethane	ND	U	ND	U	ND	U	ND	U	5
2-Butanone	ND	U	ND	U	ND	U	ND	U	**
Carbon Tetrachloride	ND	U	ND	U	ND	U	ND	U	5
cis-1,2-Dichloroethene	ND	U	ND	U	ND	U	ND	U	5
Chloroform	ND	U	ND	U	ND	U	ND	U	7
1,1,1-Trichloroethane	ND	U	ND	U	ND	U	ND	U	5
Benzene	ND	U	ND	U	**410**	E	**340**	D	1
1,2-Dichloroethane	ND	U	ND	U	ND	U	ND	U	5
Trichloroethene	ND	U	ND	U	ND	U	ND	U	5
1,2-Dichlororpropane	ND	U	ND	U	ND	U	ND	U	5
Bromodichloromethane	ND	U	ND	U	ND	U	ND	U	50
4-Methyl-2-Pentanone	ND	U	ND	U	ND	U	ND	U	**
Toluene	ND	U	ND	U	ND	U	ND	U	5
t-1,3-Dichloropropene	ND	U	ND	U	ND	U	ND	U	5
cis-1,3-Dichloropropene	ND	U	ND	U	ND	U	ND	U	5
1,1,2-Trichloroethane	ND	U	ND	U	ND	U	ND	U	5
2-Hexanone	ND	U	ND	U	ND	U	ND	U	50
Dibromochloromethane	ND	U	ND	U	ND	U	ND	U	5
Tetrachloroethene	ND	U	ND	U	ND	U	ND	U	5
Chlorobenzene	ND	U	ND	U	ND	U	ND	U	5
Ethyl Benzene	ND	U	ND	U	**69**		**52**	D	5
p&m-Xylenes	ND	U	ND	U	**14**		ND	U	5
o-Xylene	ND	U	ND	U	**11**		ND	U	5
Styrene	ND	U	ND	U	ND	U	ND	U	5
Bromoform	ND	U	ND	U	ND	U	ND	U	50
1,1,2,2-Tetrachloroethane	ND	U	ND	U	ND	U	ND	U	5
Total VOCs	0.00		0.00		504		392		**

Notes:

*As per Technical & Operational Guidance Series (TOGS) 1.1.1 (June 1998 Reissue & April 2000 Addendum)

**No Guidance values nor standards found in TOGS 1.1.1 or NYCRR Part 703.5

ND = Non-detect

J = Indicates an estimated value.

U = Indicates the compound was analzyed for but was not detected.

E= Indicates value exceeded calibration range

D = Dilution run

Shaded values indicate a concentration exceeding regulatory standards or guidance values

TABLE 4(CONT.)
GROUNDWATER ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN,NY

Sample ID:	GW-1		MW-1		MW-2		NYS TOGS*
Sample Type:	Field		Field		Field		
Sample Date:	12/5/2006		12/5/2006		12/5/2006		
Concentration Unit:	ug/L		ug/L		ug/L		ug/L
Semi-Volatile Organic Compounds							
(SVOCs) by EPA Method 8270:							
Acenaphthene	ND	U	ND	U	**46.0**		20
Acenaphthylene	ND	U	ND	U	2.6	J	50
Anthracene	ND	U	ND	U	4.2	J	50
Benzo(a)anthracene	ND	U	ND	U	ND	U	0.002
Benzo(a)pyrene	ND	U	ND	U	ND	U	0.002
Benzo(b)fluoranthene	ND	U	ND	U	ND	U	0.002
Benzo(g,h,i)perylene	ND	U	ND	U	ND	U	0.002
Benzo(k)fluoranthene	ND	U	ND	U	ND	U	0.002
bis(2-Ethylhexyl)phthalate	ND	U	2.2	J	2.9	J	5
Carbazole	ND	U	ND	U	1.5	J	**
Chrysene	ND	U	ND	U	ND	U	0.002
Dibenz(a,h)anthracene	ND	U	ND	U	ND	U	50
Di-n-butylphthalate	ND	U	ND	U	2.1	J	50
Fluoranthene	2.2	J	ND	U	2.3	J	50
Fluorene	ND	U	ND	U	2.4	J	50
Indeno(1,2,3-cd)pyrene	ND	U	ND	U	ND	U	0.002
Naphthalene	ND	U	ND	U	ND	U	10
Phenanthrene	ND	U	ND	U	17	U	50
Pyrene	1.7	J	ND	U	2.6	J	50
Total SVOCs:	3.9		2.2		83.6		**

Notes:

*As per Technical & Operational Guidance Series (TOGS) 1.1.1 (June 1998 Reissue & April 2000 Addendum)

**No Guidance values nor standards found in TOGS 1.1.1 or NYCRR Part 703.5

Highlighted concentrations exceed their respective TOGM value.

MDL = Method Detection Limit

J = Indicates an estimated value.

U = Indicates the compound was analzyed for but was not detected.

D = Identifies all compounds identified in an analysis at a secondary dilution factor.

ND = Non-detect

Sample ID:	GW-1		MW-1		MW-2		NYS TOGS*
Sample Type:	Field		Field		Field		
Sample Date:	12/5/2006		12/5/2006		12/5/2006		
Concentration unit:	ug/L		ug/L		ug/L		ug/L
PCBs							
by EPA Method 8082:							
AROCLOR 1016	ND	U	ND	U	ND	U	0.09*
AROCLOR 1221	ND	U	ND	U	ND	U	0.09*
AROCLOR 1232	ND	U	ND	U	ND	U	0.09*
AROCLOR 1242	ND	U	ND	U	ND	U	0.09*
AROCLOR 1248	ND	U	ND	U	ND	U	0.09*
AROCLOR 1254	ND	U	ND	U	ND	U	0.09*
AROCLOR 1260	ND	U	ND	U	ND	U	0.09*
Hydrocarbons (TPH) by EPA							
Total Petroleum Hydrocarbons	177		NA		NA		**
Gasoline Range Organics	NA		ND	U	170		**
Diesel Range Organics (DRO)	NA		ND	U	583		**
Fingerprint by EPA Method	E		NA		E		**

Notes:

MDL = Method Detection Limit ND = Not Detected NA = Not Analysed

J = Compound detected in sample at concentration less than the MDL (an estimated concentration).

B = Compound detected in laboratory method b U = Indicates the compound was analzyed for but was not detected.

* Applies to the sum of these substances

**No Guidance values nor standards found in TOGS 1.1.1 or NYCRR Part 703.5

E= No Calibrated Fuel Type Detected

ND = Non-detect

TABLE 4 (CONT.)
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN, NY

Sample ID:	GW-1		GW-1		MW-1		MW-2		FB120506		NYS TOGS*
Sample Type:	Field		Field (Dissolved)		Field		Field		Field		
Sample Date:	12/5/2006		12/5/2006		12/5/2006		12/5/2006		12/5/2006		
Concentration Unit:	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
Metals											
by EPA Methods 6010B/7471:											
Aluminum	1,730		504		1,640		1,780		ND		2,000**
Antimony	**8.36**	J	**6.570**	J	**5.370**	J	ND	U	**3.390**	J	3
Arsenic	ND		4.710	J	**43.9**		4.020	J	ND		25
Barium	233		92.2	J	64.1	JE	245	E	ND		1,000
Beryllium	0.330	J	0.250	J	0.860	J	0.730	J	0.700	JE	3
Cadmium	1.100	J	0.570	J	0.510	J	0.610	J	ND		5
Calcium	67,700		54,700		253,000	E	170,000	E	152	JE	***
Chromium	12.40		7.740	J	**8.280**	J	5.970	J	ND		50
Cobalt	0.99	J	ND	U	1.030	J	0.670	J	ND		***
Copper	117		42.2		8.970	J	4.950	J	ND		200
Cyanide	NA		NA		NA		NA	U	NA		200
Iron	**3,760**		**998**		**3,280**		**5,860**	OR	ND		300
Lead	**477**		**130**		19.2		10.0		ND		25
Magnesium	3,790	J	3,140	J	17,000		**322,000**		54.1	J	35,000
Manganese	101		26.2		88.1		222		ND		300
Mercury	0.650		0.25		0.0800	J	ND	U	ND	U	1
Nickel	7.320		ND		8.220	J	4.2		ND		100
Potassium	9,420		10,700		22,000	E	242,938.6		ND		***
Selenium	3.690		ND		8.410	J	ND	U	ND		10
Silver	ND		ND		ND		ND	U	ND		50
Sodium	**26,300**		**32,100**		**41,000**	**E**	**5,568,720**	OR	1,160	JE	20,000
Thallium	ND		ND		ND	U	ND		ND		1
Vanadium	13.7		11.2	J	13.5		6.400	J	ND		100
Zinc	447		162		71.4		103	E	70.3	E	2,000
Total Metals	114,124		102,626		338,262		6,311,906		1,370		***

Notes:

*As per Technical & Operational Guidance Series (TOGS) 1.1.1 (June 1998 Reissue & April 2000 Addendum)

**Maximum allowable concentration in NYCRR Part 703.5. No GA Standard in TOGS 1.1.1

***No Class GA Standard in NYCRR Part 703.5

Highlighted concentrations exceed their respective TOGS guidance value.

ND = Non-detect

MDL = Method Detection Limit

OR = Out of range

J = Indicates an estimated value.

U = Indicates the compound was analzyed for but was not detected.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CON-EDISON FORMER KENT AVENUE POWER STATION
BROOKLYN, NY

Sample ID	MW-2	MW-2DL	MW-2DL2	NYS
Sampling Date	01/03/07	01/03/07	01/03/07	TOGS*
Matrix	WATER	WATER	WATER	
Dilution Factor	1.0	10	50	
Units	ug/L	ug/L	ug/L	ug/L
Volatile Organic Compounds (VOCs) by EPA Method 8021:				
Dichlorodifluoromethane	0.12 U	1.2 U	6.2 U	5
Chloromethane	0.08 U	0.80 U	4.0 U	5
Vinyl Chloride	0.09 U	0.85 U	4.2 U	2
Bromomethane	0.18 U	1.8 U	8.8 U	5
Chloroethane	0.46 U	4.6 U	23 U	5
Trichlorofluoromethane	0.10 U	1.0 U	5.2 U	5
1,1-Dichloroethene	0.19 U	1.9 U	9.4 U	5
Methyl tert-butyl Ether	0.22 U	2.2 U	11 U	10
Methylene Chloride	0.58 JB	4.2 U	21 U	5
trans-1,2-Dichloroethene	0.10 U	0.99 U	5.0 U	5
1,1-Dichloroethane	0.17 U	1.7 U	8.4 U	5
Carbon Tetrachloride	0.16 U	1.6 U	7.8 U	5
2,2-Dichloropropane	0.18 U	1.8 U	9.1 U	5
cis-1,2-Dichloroethene	0.09 U	0.92 U	4.6 U	5
Bromochloromethane	0.14 U	1.4 U	7.0 U	5
Chloroform	0.16 U	1.6 U	8.0 U	7
1,1,1-Trichloroethane	0.16 U	1.6 U	8.1 U	5
1,1-Dichloropropene	0.18 U	1.8 U	8.8 U	5
Benzene	**390 E**	**410 ED**	**520 D**	1
1,2-Dichloroethane	0.13 U	1.3 U	6.4 U	5
Trichloroethene	0.12 U	1.2 U	5.8 U	5
1,2-Dichloropropane	0.15 U	1.5 U	7.6 U	5
Dibromomethane	0.09 U	0.92 U	4.6 U	5
Bromodichloromethane	0.14 U	1.4 U	6.8 U	**
Toluene	0.43 J	1.1 U	5.4 U	5
t-1,3-Dichloropropene	0.10 U	0.96 U	4.8 U	5
cis-1,3-Dichloropropene	0.12 U	1.2 U	6.0 U	5
1,1,2-Trichloroethane	0.11 U	1.1 U	5.6 U	5
1,3-Dichloropropane	0.14 U	1.4 U	7.2 U	5
Dibromochloromethane	0.13 U	1.3 U	6.5 U	5
1,2-Dibromoethane	0.12 U	1.2 U	6.0 U	**
Tetrachloroethene	0.12 U	1.2 U	6.1 U	5
Chlorobenzene	0.11 U	1.1 U	5.5 U	5
1,1,1,2-Tetrachloroethane	0.15 U	1.5 U	7.4 U	5
Ethyl Benzene	**95 E**	**94** D	5.7 U	5
o-Xylene	5.5	1.3 U	6.5 U	5
Styrene	0.11 U	1.1 U	5.6 U	5
Bromoform	0.09 U	0.94 U	4.7 U	50
Isopropylbenzene	8.0	1.2 U	6.1 U	5
1,1,2,2-Tetrachloroethane	0.09 U	0.93 U	4.6 U	5
1,2,3-Trichloropropane	0.17 U	1.7 U	8.3 U	5
Bromobenzene	0.11 U	1.1 U	5.4 U	5
n-propylbenzene	1.3	1.0 U	5.1 U	5
2-Chlorotoluene	0.09 U	0.86 U	4.3 U	5
1,3,5-Trimethylbenzene	1.7	0.87 U	4.4 U	5
4-Chlorotoluene	0.10 U	1.0 U	5.2 U	5
tert-Butylbenzene	0.15 U	1.5 U	7.4 U	5
1,2,4-Trimethylbenzene	13	1.0 U	5.0 U	5
sec-Butylbenzene	0.13 U	1.3 U	6.4 U	5
4-Isopropyltoluene	0.13 U	1.3 U	6.4 U	5
1,3-Dichlorobenzene	0.10 U	0.97 U	4.8 U	5
1,4-Dichlorobenzene	0.12 U	1.2 U	6.2 U	5
n-Butylbenzene	0.12 U	1.2 U	6.2 U	5
1,2-Dichlorobenzene	0.08 U	0.83 U	4.2 U	5
1,2-Dibromo-3-Chloropropane	0.20 U	2.0 U	10 U	**
1,2,4-Trichlorobenzene	0.08 U	0.83 U	4.2 U	5
Hexachlorobutadiene	0.15 U	1.5 U	7.6 U	5
Naphthalene	360 E	350 ED	620 D	10
1,2,3-Trichlorobenzene	0.10 U	0.95 U	4.8 U	5
Total Confident VOC	875.51	854	1140	**

*As per Technical & Operational Guidance Series (TOGS) 1.1.1 (June 1998 Reissue & April 2000 Addendum)

**No Guidance values nor standards found in TOGS 1.1.1 or NYCRR Part 703.5

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

E = Exceeds equipment calibration range

D = Dilution run

Sample ID	MW-2	NYS
Sampling Date	01/03/07	TOGS
Matrix	WATER	
Dilution Factor	1.0	
Units	ug/L	ug/L
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270:		
Naphthalene	**48**	10
Acenaphthene	**35**	20
Fluorene	1.5 J	50
Phenanthrene	12	50
Anthracene	2.6 J	50
Fluoranthene	1.6 J	50
Pyrene	2.1 J	50
Benzo(a)anthracene	1.2 U	0.002
Chrysene	1.7 U	0.002
Benzo(b)fluoranthene	0.780 U	0.002
Benzo(k)fluoranthene	2.0 U	0.002
Benzo(a)pyrene	1.2 U	0.002
Indeno(1,2,3-cd)pyrene	0.860 U	0.002
Dibenz(a,h)anthracene	0.900 U	50
Benzo(g,h,i)perylene	1.1 U	0.002
Total Confident Conc. SVOCs	102.8	**

*As per Technical & Operational Guidance Series (TOGS) 1.1.1 (June 1998 Reissue & April 2000 Addendum)

**No Guidance values nor standards found in TOGS 1.1.1 or NYCRR Part 703.5

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The reported concentration is an estimated value.