

Monthly Progress Report
470 Kent Avenue – Brooklyn, NY
BCP Site #C224053
November 2023

Activities Completed during the Reporting Period

Begin implementation of the Remedial Action, excavation and soil disposal for building A3 construction.

Modifications to Work Plan and/or Schedule

None.

Issues Encountered

None.

Data Collected/Received during the Reporting Period

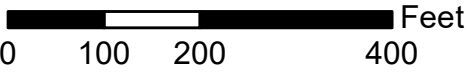
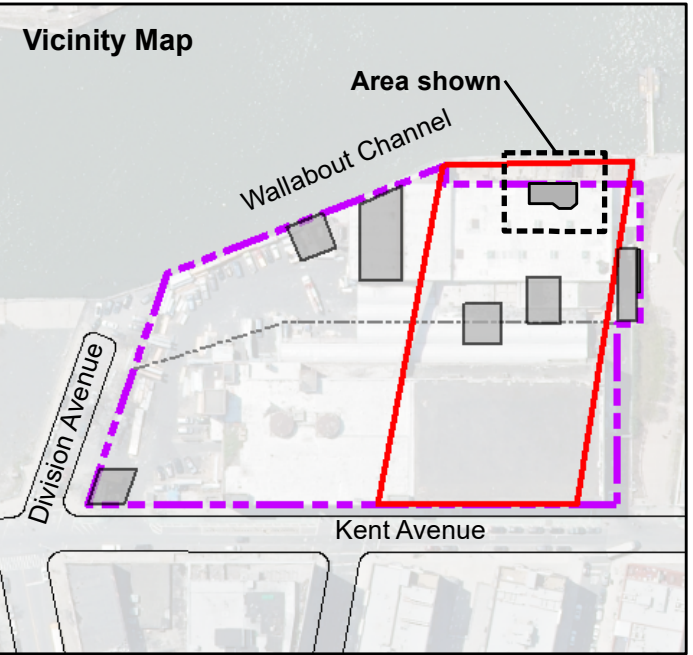
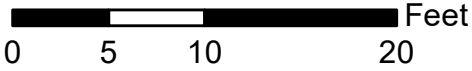
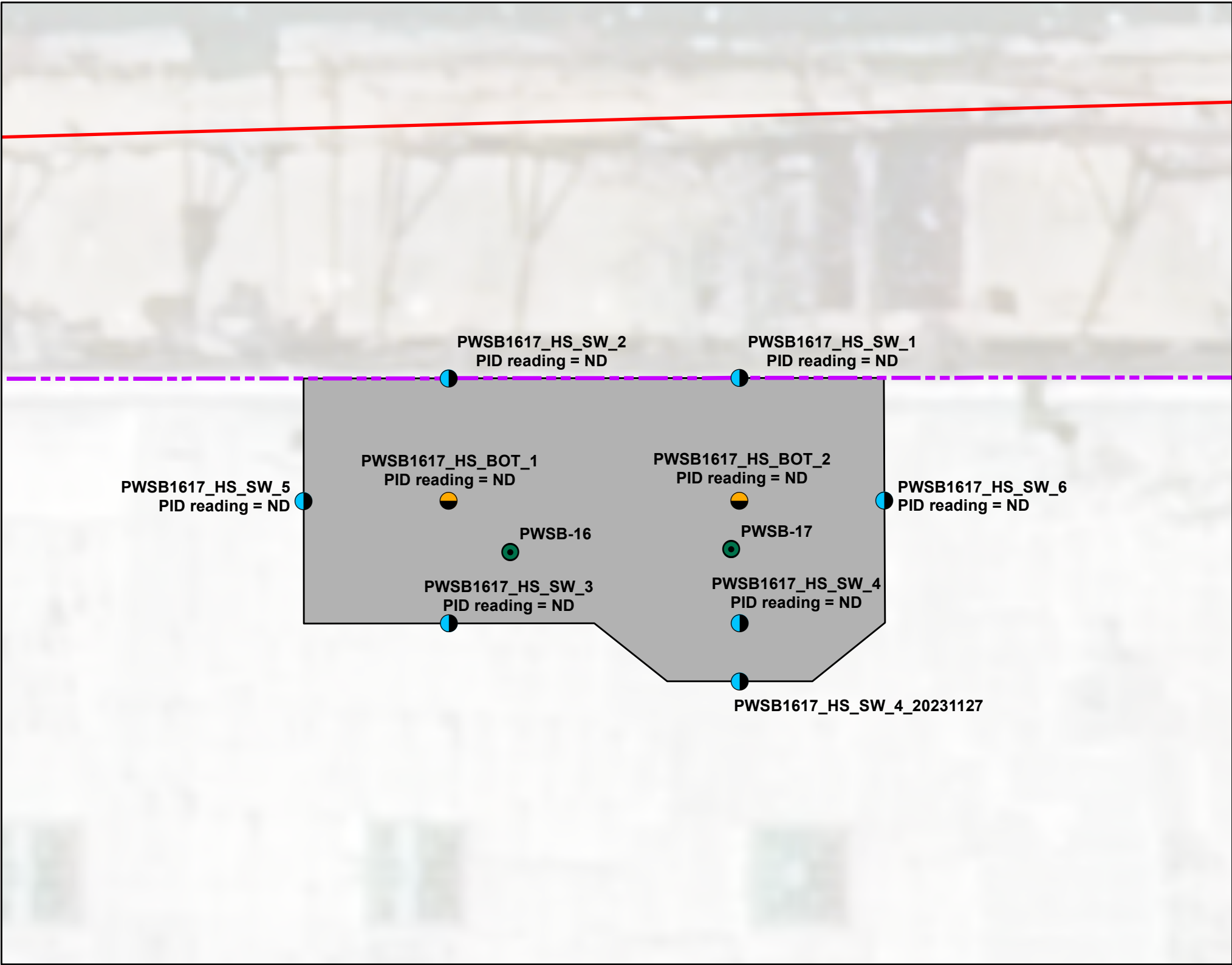
Two bottom and six sidewall samples were collected from the PWSB-16/PWSB-17 remedial excavation on October 27, 2023. One additional sidewall sample was collected on November 27, 2023 at the request of the department. All endpoint soil analytical data was submitted to the Department for approval and is attached to this report.

Activities Undertaken in Support of Citizen Participation Plan

None.

Activities Planned for Next Reporting Period:

Continue implementation of the Remedial Action.



Legend

- Bottom Endpoint Sample
- Sidewall Endpoint Sample
- Northern MGP Boring
- Site Boundary
- Approximate Former MGP Boundary
- Remedial Excavation: 1,100 SF to Address SVOCS (gross contamination)

Bottom samples were collected from 9-9.5 ft-bg

Sidewall samples were collected at depths ranging from 8-9 ft-bg

ND = non-detect

Site

470 Kent Avenue
Brooklyn, New York
Block 2134, Lots 1 & 150

TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
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Drawn By

LM

Checked By

CZ

Date

November 2023

Scale

As Noted

Endpoint Sample Locations
PWSB1617

Figure 1

Drawing No

Table 1 - Volatile Organic Compounds in Soil
470 Kent Avenue - Brooklyn, NY
PWSB-16 and PWSB-17 Remedial Excavation
BCP Site No.: C224053

SAMPLE ID:			PWSB1617_HS_BOT 1	PWSB1617_HS_BOT 2	PWSB1617_HS_SW 1	PWSB1617_HS_SW 2	PWSB1617_HS_SW 3	PWSB1617_HS_SW 4	PWSB1617_HS_SW 5	PWSB1617_HS_SW 6
LAB ID:			1.2364171-01	1.2364171-02	1.2364171-03	1.2364171-04	1.2364171-05	1.2364171-06	1.2364171-08	1.2364171-09
COLLECTION DATE:			10/27/2023	10/27/2023	10/27/2023	10/27/2023	10/27/2023	10/27/2023	10/27/2023	10/27/2023
Volatile Organic Compounds			Conc	Q	Conc	Q	Conc	Q	Conc	Q
Units: mg/kg										
Methylene chloride	0.05	100	0.0025	U	0.0022	U	0.0024	U	0.0026	U
1,1-Dichloroethane	0.27	26	0.00016	U	0.00014	U	0.00015	U	0.00013	U
Chloroform	0.37	49	0.00016	U	0.00014	U	0.00015	U	0.00013	U
Carbon tetrachloride	0.76	2.4	0.00026	U	0.00022	U	0.00024	U	0.00021	U
1,2-Dichloropropane	--	--	0.00014	U	0.00012	U	0.00013	U	0.00012	U
Dibromochloromethane	--	--	0.00016	U	0.00014	U	0.00015	U	0.00013	U
1,1,2-Trichloroethane	--	--	0.0003	U	0.00026	U	0.00028	U	0.00025	U
Tetrachloroethene	1.3	19	0.00022	U	0.00019	U	0.0002	U	0.00018	U
Chlorobenzene	1.1	100	0.00014	U	0.00012	U	0.00013	U	0.00012	U
Trichlorofluoromethane	--	--	0.00077	U	0.00068	U	0.00073	U	0.00065	U
1,2-Dichloroethane	0.02	3.1	0.00028	U	0.00025	U	0.00027	U	0.00024	U
1,1,1-Trichloroethane	0.68	100	0.00018	U	0.00016	U	0.00018	U	0.00016	U
Bromodichloromethane	--	--	0.00012	U	0.00011	U	0.00011	U	0.00012	U
trans-1,3-Dichloropropene	--	--	0.0003	U	0.00027	U	0.00029	U	0.00025	U
cis-1,3-Dichloropropene	--	--	0.00018	U	0.00015	U	0.00016	U	0.00015	U
1,3-Dichloropropene, Total	--	--	0.00018	U	0.00015	U	0.00016	U	0.00015	U
1,1-Dichloropropene	--	--	0.00018	U	0.00015	U	0.00017	U	0.00015	U
Bromoform	--	--	0.00027	U	0.00024	U	0.00026	U	0.00023	U
1,1,2,2-Tetrachloroethane	--	--	0.00018	U	0.00016	U	0.00017	U	0.00015	U
Benzene	0.06	4.8	0.00079	U	0.00016	J	0.00017	U	0.00015	U
Toluene	0.7	100	0.0016	U	0.00053	U	0.00057	U	0.00062	U
Ethylbenzene	1	41	0.0014	U	0.0002	J	0.00015	U	0.00013	U
Chloromethane	--	--	0.001	U	0.00091	U	0.00098	U	0.00087	U
Bromomethane	--	--	0.00064	U	0.00057	U	0.00061	U	0.00054	U
Vinyl chloride	0.02	0.9	0.00037	U	0.00033	U	0.00035	U	0.00031	U
Chloroethane	--	--	0.0005	U	0.00044	U	0.00047	U	0.00042	U
1,1-Dichloroethene	0.33	100	0.00026	U	0.00023	U	0.00025	U	0.00022	U
trans-1,2-Dichloroethene	0.19	100	0.00015	U	0.00013	U	0.00014	U	0.00013	U
Trichloroethene	0.47	21	0.00015	U	0.00013	U	0.00014	U	0.00013	U
1,2-Dichlorobenzene	1.1	100	0.00016	U	0.00014	U	0.00015	U	0.00013	U
1,3-Dichlorobenzene	2.4	49	0.00016	U	0.00014	U	0.00016	U	0.00014	U
1,4-Dichlorobenzene	1.8	13	0.00019	U	0.00017	U	0.00018	U	0.00016	U
Methyl tert butyl ether	0.93	100	0.00022	U	0.0002	U	0.00021	U	0.00019	U
o-m-Xylene	--	--	0.0043	U	0.00054	U	0.00059	U	0.00052	U
o-Xylene	--	--	0.0025	U	0.00031	J	0.0003	U	0.00027	U
Xylenes, Total	1.6	100	0.0068	U	0.00031	J	0.0003	U	0.00027	U
cis-1,2-Dichloroethene	0.25	100	0.00019	U	0.00017	U	0.00018	U	0.00016	U
1,2-Dichloroethene, Total	--	--	0.00015	U	0.00013	U	0.00014	U	0.00013	U
Dibromomethane	--	--	0.00026	U	0.00023	U	0.00025	U	0.00022	U
Styrene	--	--	0.0011	U	0.00019	U	0.0002	U	0.00018	U
Dichlorodifluoromethane	--	--	0.001	U	0.00089	U	0.00096	U	0.00085	U
Acetone	0.05	100	0.0091	J	0.0093	J	0.019	U	0.005	J
Carbon disulfide	--	--	0.005	U	0.0044	U	0.0048	U	0.0042	U
2-Butanone	0.12	100	0.0025	U	0.0022	U	0.0023	U	0.0021	U
Vinyl acetate	--	--	0.0024	U	0.0021	U	0.0022	U	0.002	U
4-Methyl-2-pentanone	--	--	0.0014	U	0.0012	U	0.0013	U	0.0012	U
1,2,3-Trichloropropane	--	--	0.00014	U	0.00012	U	0.00013	U	0.00012	U
2-Hexanone	--	--	0.0013	U	0.0012	U	0.0012	U	0.0011	U
Bromochloromethane	--	--	0.00023	U	0.0002	U	0.00022	U	0.00019	U
2,3-Dichloropropane	--	--	0.00022	U	0.0002	U	0.00021	U	0.00019	U
1,2-Dibromopropane	--	--	0.00031	U	0.00027	U	0.00029	U	0.00026	U
1,3-Dichloropropane	--	--	0.00018	U	0.00016	U	0.00018	U	0.00016	U
1,1,1,2-Tetrachloroethane	--	--	0.00015	U	0.00013	U	0.00014	U	0.00012	U
Bromobenzene	--	--	0.00016	U	0.00014	U	0.00015	U	0.00013	U
n-Butylbenzene	12	100	0.00018	U	0.00016	U	0.00018	U	0.00016	U
sec-Butylbenzene	11	100	0.00016	U	0.00014	U	0.00015	U	0.00014	U
tert-Butylbenzene	5.9	100	0.00013	U	0.00012	U	0.00012	U	0.00011	U
o-Chlorotoluene	--	--	0.00021	U	0.00019	U	0.0002	U	0.00018	U
p-Chlorotoluene	--	--	0.00012	U	0.0001	U	0.00011	U	0.0001	U
1,2-Dibromo-3-chloropropane	--	--	0.0011	U	0.00097	U	0.001	U	0.00093	U
Hexachlorocycladiene	--	--	0.00019	U	0.00016	U	0.00018	U	0.00016	U
Isopropylbenzene	--	--	0.00085	J	0.00011	U	0.00011	U	0.0001	U
p-Isopropyltoluene	--	--	0.00088	J	0.00072	U	0.00011	U	0.0001	U
Naphthalene	12	100	0.29	U	0.033	U	0.018	J	0.006	U
Acrylonitrile	--	--	0.0013	U	0.0011	U	0.0012	U	0.0011	U
n-Propylbenzene	3.9	100	0.00019	U	0.00017	U	0.00018	U	0.00016	U
1,2,3-Trichlorobenzene	--	--	0.00036	U	0.00031	U	0.00034	U	0.0003	U
1,2,4-Trichlorobenzene	--	--	0.0003	U	0.00026	U	0.00028	U	0.00025	U
1,3,5-Trimethylbenzene	8.4	52	0.0012	J	0.00019	U	0.0002	U	0.00018	U
1,2,4-Trimethylbenzene	3.6	52	0.0026	U	0.00032	U	0.00035	U	0.00031	U
1,4-Dioxane	0.1	13	0.039	U	0.034	U	0.037	U	0.033	U
p-Diethylbenzene	--	--	0.00026	J	0.00017	U	0.00018	U	0.00016	U
p-Ethyltoluene	--	--	0.00059	J	0.00037	U	0.0004	U	0.00036	U
1,2,4,5-Tetramethylbenzene	--	--	0.0017	J	0.0014	J	0.0015	J	0.0018	U
Ethyl ether	--	--	0.00038	U	0.00033	U	0.00036	U	0.00032	U
trans-1,4-Dichloro-2-butene	--	--	0.0016	U	0.0014	U	0.0015	U	0.0013	U
Total VOCs	--	--	0.38983	-	0.1962	-	0.09275	-	0.06864	-

Notes:

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Cells highlighted in yellow indicate a concentration above the NY-RESGW

Cells highlighted in red indicate a concentration above the NY-RESRR

Q = Laboratory qualifier

MDL = Maximum Detection Limit

For U qualified entries, the MDL is shown

U = Not detected at or above the MDL

J = The concentration is estimated

All results are reported in milligrams per kilogram (mg/kg)

Table 2 -- Semivolatile Organic Compounds in Soil
470 Kent Avenue - Brooklyn, NY
PWSB-16 and PWSB-17 Remedial Excavation
BCP Site No.: C224053

SAMPLE ID:				PWSB1617_HS_BOT_1	PWSB1617_HS_BOT_2	PWSB1617_HS_SW_1	PWSB1617_HS_SW_2	PWSB1617_HS_SW_3	PWSB1617_HS_SW_4	PWSB1617_HS_SW_5	PWSB1617_HS_SW_6
LAB ID:	NY-RESGW	NY-RESRR	Site Specific Track 4 SCOs	1.2364171-01 10/27/2023	1.2364171-02 10/27/2023	1.2364171-03 10/27/2023	1.2364171-04 10/27/2023	1.2364171-05 10/27/2023	1.2364171-06 10/27/2023	1.2364171-08 10/27/2023	1.2364171-09 10/27/2023
Semivolatile Organic Compounds				Conc	Q	Conc	Q	Conc	Q	Conc	Q
Acenaphthene	98	100	--	0.18		0.025	J	0.095	J	0.038	J
1,2,4-Trichlorobenzene	--	--	--	0.022	U	0.024	U	0.024	U	0.023	U
Hexachlorobenzene	3.2	1.2	--	0.022	U	0.024	U	0.023	U	0.022	U
Bis(2-chloroethyl)ether	--	--	--	0.026	U	0.029	U	0.028	U	0.027	U
2-Chloronaphthalene	--	--	--	0.019	U	0.021	U	0.02	U	0.019	U
1,2-Dichlorobenzene	1.1	100	--	0.035	U	0.038	U	0.037	U	0.036	U
1,3-Dichlorobenzene	2.4	49	--	0.033	U	0.036	U	0.036	U	0.034	U
1,4-Dichlorobenzene	1.8	13	--	0.034	U	0.037	U	0.036	U	0.035	U
3,4-Dichlorobenzidine	--	--	--	0.051	U	0.056	U	0.055	U	0.053	U
2,4-Dinitrotoluene	--	--	--	0.038	U	0.042	U	0.041	U	0.039	U
2,6-Dinitrotoluene	--	--	--	0.033	U	0.036	U	0.036	U	0.034	U
Fluoranthene	1000	100	--	3.6		0.91		1.3		5.2	
4-Chlorophenyl phenyl ether	--	--	--	0.021	U	0.022	U	0.021	U	0.021	U
4-Bromophenyl phenyl ether	--	--	--	0.029	U	0.032	U	0.032	U	0.03	U
Bis(2-chloroisopropyl)ether	--	--	--	0.033	U	0.036	U	0.035	U	0.034	U
Bis(2-chloroethoxy)methane	--	--	--	0.019	U	0.021	U	0.021	U	0.02	U
Hexachlorobutadiene	--	--	--	0.028	U	0.031	U	0.03	U	0.029	U
Hexachlorocyclopentadiene	--	--	--	0.17	U	0.19	U	0.19	U	0.18	U
Hexachloroethane	--	--	--	0.031	U	0.034	U	0.034	U	0.032	U
Isophorone	--	--	--	0.025	U	0.027	U	0.027	U	0.025	U
Naphthalene	12	100	--	1.1		0.068	J	0.062	J	0.61	
Nitrobenzene	--	--	--	0.028	U	0.031	U	0.031	U	0.029	U
NDPA/DPA	--	--	--	0.022	U	0.024	U	0.024	U	0.022	U
n-Nitrosodi-n-propylamine	--	--	--	0.03	U	0.032	U	0.032	U	0.03	U
Bis(2-ethylhexyl)phthalate	--	--	--	0.067	U	0.073	U	0.072	U	0.069	U
Butyl benzyl phthalate	--	--	--	0.048	U	0.053	U	0.052	U	0.049	U
Di-n-butylphthalate	--	--	--	0.036	U	0.04	U	0.039	U	0.038	U
Di-n-octylphthalate	--	--	--	0.066	U	0.072	U	0.07	U	0.067	U
Diethyl phthalate	--	--	--	0.018	U	0.02	U	0.019	U	0.018	U
Dimethyl phthalate	--	--	--	0.04	U	0.044	U	0.043	U	0.041	U
Benzo(a)anthracene	1	1	--	2.4		0.5		0.58		4.9	
Benzo(a)pyrene	22	1	--	2.2		0.45		0.51		5.3	
Benzo(b)fluoranthene	1.7	1	--	2.4		0.5		0.58		6.2	
Benzo(k)fluoranthene	1.7	3.9	--	0.98		0.16		0.19		1.8	
Chrysene	1	3.9	--	2.1		0.47		0.58		4.9	
Acenaphthylene	107	100	--	0.99		0.12	J	0.2		1.3	
Anthracene	1000	100	--	0.83		0.28		0.41		1.7	
Benzo(ghi)perylene	1000	100	--	1.2		0.22		0.28		3.5	
Fluorene	386	100	--	0.53		0.068	J	0.12	J	0.058	J
Phenanthrene	1000	100	--	2.8		0.57		1.3		0.79	
Dibenzo(a,h)anthracene	1000	0.33	--	0.33		0.056	J	0.066	J	0.061	J
Indeno(1,2,3-cd)pyrene	8.2	0.5	--	1.4		0.26		0.31		3.8	
Pyrene	1000	100	--	3.4		0.78		0.99		6.1	
Biphenyl	--	--	--	0.15	J	0.027	U	0.027	U	0.026	U
4-Chloroaniline	--	--	--	0.035	U	0.038	U	0.038	U	0.035	U
3-Nitroaniline	--	--	--	0.037	U	0.041	U	0.04	U	0.038	U
3-Nitroaniline	--	--	--	0.036	U	0.04	U	0.039	U	0.037	U
4-Nitroaniline	--	--	--	0.08	U	0.087	U	0.086	U	0.082	U
Dibenzofuran	210	59	--	0.48		0.034	J	0.083	J	0.11	J
2-Methylnaphthalene	--	--	--	0.16	J	0.025	U	0.025	U	0.03	J
1,2,4,5-Tetrachlorobenzene	--	--	--	0.02	U	0.022	U	0.022	U	0.021	U
Acetophenone	--	--	--	0.024	U	0.026	U	0.026	U	0.024	U
2,4,6-Trichlorophenol	--	--	--	0.036	U	0.04	U	0.039	U	0.038	U
p-Chloro-m-cresol	--	--	--	0.029	U	0.031	U	0.031	U	0.029	U
2-Chlorophenol	--	--	--	0.023	U	0.025	U	0.024	U	0.023	U
2,4-Dichlorophenol	--	--	--	0.031	U	0.034	U	0.033	U	0.032	U
2,4-Dimethylphenol	--	--	--	0.064	U	0.07	U	0.068	U	0.065	U
2-Nitrophenol	--	--	--	0.072	U	0.079	U	0.078	U	0.074	U
4-Nitrophenol	--	--	--	0.079	U	0.086	U	0.084	U	0.081	U
2,4-Dinitrophenol	--	--	--	0.09	U	0.098	U	0.096	U	0.092	U
4,6-Dinitro-o-cresol	--	--	--	0.092	U	0.1	U	0.099	U	0.095	U
Pentachlorophenol	0.8	6.7	--	0.042	U	0.046	U	0.046	U	0.044	U
Phenol	0.33	100	--	0.041	J	0.032	U	0.031	U	0.03	U
2-Methylphenol	0.33	100	--	0.03	U	0.033	U	0.032	U	0.031	U
3-Methylphenol/4-Methylphenol	0.33	100	--	0.062	J	0.033	U	0.032	U	0.031	U
2,4,5-Trichlorophenol	--	--	--	0.037	U	0.04	U	0.04	U	0.038	U
Benzoic Acid	--	--	--	0.2	U	0.21	U	0.21	U	0.2	U
Benzyl Alcohol	--	--	--	0.059	U	0.064	U	0.063	U	0.061	U
Carbazole	--	--	--	0.27	U	0.034	J	0.089	J	0.054	J
1,4-Dioxane	0.1	13	--	0.0089	U	0.0097	U	0.0095	U	0.0091	U
Total SVOCs	--	--	500	29.7519	-	7.9567	-	10.0925	-	10.3801	-

Notes:

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NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Site Specific Soil Cleanup Objective (SCO) - as listed in Table 3 of the Remedial Action Work Plan by Tenen dated August 2022

Cells highlighted in yellow indicate a concentration above the NY-RESGW

Cells highlighted in red indicate a concentration above the NY-RESRR

Cells highlighted in blue indicate a concentration above the Track 4 Site Specific SCO

Q = Laboratory qualifier

MDL = Maximum Detection Limit

For U qualified entries, the MDL is shown

U = Not detected at or above the MDL

J = The concentration is estimated

All results are reported in milligrams per kilogram (mg/kg)

Table 3 - Pesticides and PCBs in Soil
470 Kent Avenue - Brooklyn, NY
PWSB-16 and PWSB-17 Remedial Excavation
BCP Site No.: C224053

SAMPLE ID:	NY-RESGW	NY-RESRR	PWSB1617 HS BOT 1		PWSB1617 HS BOT 2		PWSB1617 HS SW 1		PWSB1617 HS SW 2		PWSB1617 HS SW 3		PWSB1617 HS SW 4		PWSB1617 HS SW 5		PWSB1617 HS SW 6	
LAB ID:			1.2364171-01		1.2364171-02		1.2364171-03		1.2364171-04		1.2364171-05		1.2364171-06		1.2364171-08		1.2364171-09	
COLLECTION DATE:			10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023	
Volatile Organic Compounds			Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Delta-BHC	0.25	100	0.000365	U	0.000386	U	0.000395	U	0.000357	U	0.000351	U	0.000357	U	0.000351	U	0.000368	U
Lindane	0.1	1.3	0.000347	U	0.000367	U	0.000376	U	0.00034	U	0.000334	U	0.00034	U	0.000334	U	0.00035	U
Alpha-BHC	0.02	0.48	0.00022	U	0.000233	U	0.000239	U	0.000216	U	0.000212	U	0.000216	U	0.000212	U	0.000222	U
Beta-BHC	0.09	0.36	0.000706	U	0.000746	U	0.000766	U	0.000691	U	0.00068	U	0.000691	U	0.000679	U	0.000712	U
Heptachlor	0.38	2.1	0.000418	U	0.000441	U	0.000453	U	0.000409	U	0.000402	U	0.000409	U	0.000402	U	0.000421	U
Aldrin	0.19	0.097	0.000656	U	0.000693	U	0.000711	U	0.000642	U	0.000631	U	0.000642	U	0.000631	U	0.000661	U
Heptachlor epoxide	--	--	0.00105	U	0.00111	U	0.00114	U	0.00102	U	0.00101	U	0.00102	U	0.00101	U	0.00106	U
Endrin	0.06	11	0.000318	U	0.000336	U	0.000345	U	0.000311	U	0.000306	U	0.000311	U	0.000306	U	0.000321	U
Endrin aldehyde	--	--	0.000815	U	0.000861	U	0.000883	U	0.000798	U	0.000785	U	0.000798	U	0.000784	U	0.000822	U
Endrin ketone	--	--	0.00048	U	0.000507	U	0.00052	U	0.000469	U	0.000462	U	0.000469	U	0.000461	U	0.000484	U
Dieldrin	0.1	0.2	0.000582	U	0.000615	U	0.000631	U	0.00057	U	0.00056	U	0.00057	U	0.00056	U	0.000587	U
4,4'-DDE	17	8.9	0.000431	U	0.000455	U	0.00162	J	0.000422	U	0.000415	U	0.000422	U	0.000414	U	0.000434	U
4,4'-DDD	14	13	0.000665	U	0.000702	U	0.00072	U	0.00065	U	0.00064	U	0.00065	U	0.000639	U	0.00067	U
4,4'-DDT	136	7.9	0.0015	U	0.00158	U	0.00162	U	0.00146	U	0.00144	U	0.00147	U	0.00144	U	0.00151	U
Endosulfan I	102	24	0.00044	U	0.000465	U	0.000477	U	0.000431	U	0.000424	U	0.000431	U	0.000423	U	0.000444	U
Endosulfan II	102	24	0.000623	U	0.000658	U	0.000675	U	0.000609	U	0.000599	U	0.000609	U	0.000599	U	0.000628	U
Endosulfan sulfate	1000	24	0.00037	U	0.00039	U	0.0004	U	0.000362	U	0.000356	U	0.000362	U	0.000355	U	0.000372	U
Methoxychlor	--	--	0.00109	U	0.00115	U	0.00118	U	0.00106	U	0.00105	U	0.00106	U	0.00104	U	0.0011	U
Toxaphene	--	--	0.00978	U	0.0103	U	0.0106	U	0.00957	U	0.00942	U	0.00957	U	0.0094	U	0.00986	U
cis-Chlordane	2.9	4.2	0.000649	U	0.000686	U	0.000703	U	0.000635	U	0.000625	U	0.000635	U	0.000624	U	0.000654	U
trans-Chlordane	--	--	0.000615	U	0.00065	U	0.000666	U	0.000602	U	0.000592	U	0.000602	U	0.000591	U	0.00062	U
Chlordane	--	--	0.00617	U	0.00652	U	0.00669	U	0.00604	U	0.00594	U	0.00604	U	0.00593	U	0.00622	U
Polychlorinated Biphenyls																		
Aroclor 1016	3.2	1	0.00484	U	0.00536	U	0.00526	U	0.00505	U	0.0049	U	0.00491	U	0.00461	U	0.00494	U
Aroclor 1221	3.2	1	0.00546	U	0.00604	U	0.00593	U	0.0057	U	0.00552	U	0.00554	U	0.0052	U	0.00557	U
Aroclor 1232	3.2	1	0.0115	U	0.0128	U	0.0126	U	0.012	U	0.0117	U	0.0117	U	0.011	U	0.0118	U
Aroclor 1242	3.2	1	0.00734	U	0.00813	U	0.00798	U	0.00767	U	0.00743	U	0.00746	U	0.007	U	0.0075	U
Aroclor 1248	3.2	1	0.00817	U	0.00905	U	0.00888	U	0.00853	U	0.00827	U	0.0083	U	0.00778	U	0.0211	J
Aroclor 1254	3.2	1	0.00596	U	0.0066	U	0.00894	J	0.00622	U	0.00603	U	0.00605	U	0.0383	J	0.0296	J
Aroclor 1260	3.2	1	0.0101	U	0.0111	U	0.0109	U	0.0105	U	0.0102	U	0.0102	U	0.00959	U	0.0103	U
Aroclor 1262	3.2	1	0.00692	U	0.00766	U	0.00752	U	0.00722	U	0.007	U	0.00702	U	0.00659	U	0.00706	U
Aroclor 1268	3.2	1	0.00564	U	0.00625	U	0.00613	U	0.00589	U	0.00571	U	0.00573	U	0.00538	U	0.00576	U
PCBs, Total	3.2	1	0.00484	U	0.00536	U	0.00894	J	0.00505	U	0.0049	U	0.00491	U	0.0383	J	0.0507	J

Notes:
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 NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
 Cells highlighted in yellow indicate a concentration above the NY-RESGW
 Cells highlighted in red indicate a concentration above the NY-RESRR
 Q = Laboratory qualifier
 MDL = Maximum Detection Limit
 For U qualified entries, the MDL is shown
 U = Not detected at or above the MDL
 J = The concentration is estimated
 All results are reported in milligrams per kilogram (mg/kg)

Table 4 - Metals in Soil
470 Kent Avenue - Brooklyn, NY
PWSB-16 and PWSB-17 Remedial Excavation
BCP Site No.: C224053

SAMPLE ID:			PWSB1617 HS BOT 1		PWSB1617 HS BOT 2		PWSB1617 HS SW 1		PWSB1617 HS SW 2		PWSB1617 HS SW 3		PWSB1617 HS SW 4		PWSB1617 HS SW 5		PWSB1617 HS SW 6	
LAB ID:			L2364171-01		L2364171-02		L2364171-03		L2364171-04		L2364171-05		L2364171-06		L2364171-08		L2364171-09	
COLLECTION DATE:	NY-RESGW	NY-RESRR	10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023	
Total Metals Units: mg/kg			Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Aluminum, Total	--	--	7000		9870		5100		7900		9350		7230		7270		7830	
Antimony, Total	--	--	0.348	U	0.39	U	0.888	J	0.367	U	0.353	U	0.366	U	1.38	J	0.992	J
Arsenic, Total	16	16	3.81		4.22		3		3.98		4.1		5.38		4.16		4.11	
Barium, Total	820	400	46		43.4		43.9		26		43.4		47.8		49.1		48.3	
Beryllium, Total	47	72	0.372	J	0.505	J	0.254	J	0.438	J	0.518		0.436	J	0.369	J	0.422	J
Cadmium, Total	7.5	4.3	0.092	J	0.1	U	0.1	U	0.095	U	0.091	U	0.094	U	0.09	J	0.108	J
Calcium, Total	--	--	9370		2550		66900		716		992		3530		30900		13500	
Chromium, Total	--	--	13.4		18.6		9.31		13.4		16		18.3		14		16.4	
Cobalt, Total	--	--	5.04		5.9		2.42		7.08		6.12		7.44		4.11		5.27	
Copper, Total	1720	270	20.2		17.3		12.7		11.8		10.9		28.6		30.3		20.3	
Iron, Total	--	--	15300		21400		8730		16700		20400		22200		15600		18300	
Lead, Total	450	400	33.9		31.3		26.8		8.87		13.9		72.9		40		43.2	
Magnesium, Total	--	--	2850		2910		25900		3080		2100		2150		3070		3040	
Manganese, Total	2000	2000	270		396		194		262		510		341		285		290	
Mercury, Total	0.73	0.81	0.135		0.07	J	0.104		0.055	U	0.054	U	0.305		0.204		0.118	
Nickel, Total	130	310	10.2		12		6.28		12.5		11.7		16.2		9.44		11.2	
Potassium, Total	--	--	1050		1080		757		709		694		948		1060		1150	
Selenium, Total	4	180	0.282	J	0.479	J	0.587	J	0.249	U	0.35	J	0.631	J	0.29	J	0.296	J
Silver, Total	8.3	180	0.259	U	0.29	U	0.3	J	0.273	U	0.263	U	0.272	U	0.252	U	0.27	U
Sodium, Total	--	--	493		1050		970		310		362		268		501		1110	
Thallium, Total	--	--	0.452	J	0.464	J	0.333	J	0.424	J	0.487	J	0.692	J	0.441	J	0.57	J
Vanadium, Total	--	--	20.1		27.9		12.2		24		22.3		25.4		19.6		23.6	
Zinc, Total	2480	10000	94.5		202		35.8		45.8		31.3		87.4		49.4		63.2	

Notes:

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NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Cells highlighted in yellow indicate a concentration above the NY-RESGW

Cells highlighted in red indicate a concentration above the NY-RESRR

Q = Laboratory qualifier

MDL = Maximum Detection Limit

For U qualified entries, the MDL is shown

U = Not detected at or above the MDL

J = The concentration is estimated

All results are reported in milligrams per kilogram (mg/kg)

Table 1 - SVOCs in Sidewall Sample PWSB1617_SW_4_20231127
470 Kent Avenue - Brooklyn, NY
BCP Site No.: C224053

SAMPLE ID:	NY-RESGW	NY-RESRR	Track 4 Site- Specific SCOs	PWSB1617_HS_SW_4_20231127	
LAB ID:				L2370519-01	
COLLECTION DATE:				11/27/2023	
Semivolatile Organic Compounds				Conc	Q
Acenaphthene	98	100	--	0.35	
1,2,4-Trichlorobenzene	--	--	--	0.022	U
Hexachlorobenzene	3.2	1.2	--	0.021	U
Bis(2-chloroethyl)ether	--	--	--	0.026	U
2-Chloronaphthalene	--	--	--	0.019	U
1,2-Dichlorobenzene	1.1	100	--	0.034	U
1,3-Dichlorobenzene	2.4	49	--	0.032	U
1,4-Dichlorobenzene	1.8	13	--	0.033	U
3,3'-Dichlorobenzidine	--	--	--	0.05	U
2,4-Dinitrotoluene	--	--	--	0.038	U
2,6-Dinitrotoluene	--	--	--	0.032	U
Fluoranthene	1000	100	--	10	
4-Chlorophenyl phenyl ether	--	--	--	0.02	U
4-Bromophenyl phenyl ether	--	--	--	0.029	U
Bis(2-chloroisopropyl)ether	--	--	--	0.032	U
Bis(2-chloroethoxy)methane	--	--	--	0.019	U
Hexachlorobutadiene	--	--	--	0.028	U
Hexachlorocyclopentadiene	--	--	--	0.17	U
Hexachloroethane	--	--	--	0.03	U
Isophorone	--	--	--	0.024	U
Naphthalene	12	100	--	0.8	
Nitrobenzene	--	--	--	0.028	U
NDPA/DPA	--	--	--	0.021	U
n-Nitrosodi-n-propylamine	--	--	--	0.029	U
Bis(2-ethylhexyl)phthalate	--	--	--	0.065	U
Butyl benzyl phthalate	--	--	--	0.047	U
Di-n-butylphthalate	--	--	--	0.036	U
Di-n-octylphthalate	--	--	--	0.064	U
Diethyl phthalate	--	--	--	0.017	U
Dimethyl phthalate	--	--	--	0.04	U
Benzo(a)anthracene	1	1	--	5.6	
Benzo(a)pyrene	22	1	--	6	
Benzo(b)fluoranthene	1.7	1	--	7.5	
Benzo(k)fluoranthene	1.7	3.9	--	1.5	
Chrysene	1	3.9	--	5.3	
Acenaphthylene	107	100	--	1.1	
Anthracene	1000	100	--	1.5	
Benzo(ghi)perylene	1000	100	--	3.7	
Fluorene	386	100	--	0.44	
Phenanthrene	1000	100	--	5.2	
Dibenzo(a,h)anthracene	1000	0.33	--	1.2	
Indeno(1,2,3-cd)pyrene	8.2	0.5	--	3.6	
Pyrene	1000	100	--	9.6	
Biphenyl	--	--	--	0.076	J
4-Chloroaniline	--	--	--	0.034	U
2-Nitroaniline	--	--	--	0.036	U
3-Nitroaniline	--	--	--	0.036	U
4-Nitroaniline	--	--	--	0.078	U
Dibenzofuran	210	59	--	0.4	
2-Methylnaphthalene	--	--	--	0.25	
1,2,4,5-Tetrachlorobenzene	--	--	--	0.02	U
Acetophenone	--	--	--	0.023	U
2,4,6-Trichlorophenol	--	--	--	0.036	U
p-Chloro-m-cresol	--	--	--	0.028	U
2-Chlorophenol	--	--	--	0.022	U
2,4-Dichlorophenol	--	--	--	0.03	U
2,4-Dimethylphenol	--	--	--	0.062	U
2-Nitrophenol	--	--	--	0.071	U
4-Nitrophenol	--	--	--	0.077	U
2,4-Dinitrophenol	--	--	--	0.088	U
4,6-Dinitro-o-cresol	--	--	--	0.09	U
Pentachlorophenol	0.8	6.7	--	0.041	U
Phenol	0.33	100	--	0.087	J
2-Methylphenol	0.33	100	--	0.032	J
3-Methylphenol/4-Methylphenol	0.33	100	--	0.11	J
2,4,5-Trichlorophenol	--	--	--	0.036	U
Benzoic Acid	--	--	--	0.19	U
Benzyl Alcohol	--	--	--	0.058	U
Carbazole	--	--	--	0.51	
1,4-Dioxane	0.1	13	--	0.0087	U
Total SVOCs	--	--	500	66.9257	-

Notes:

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NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Site Specific Soil Cleanup Objective (SCO) - as listed in Table 3 of the Remedial Action Work Plan by Tenen dated October 2023

Q = Laboratory qualifier

All results are reported in milligrams per kilogram (mg/kg)