

Monthly Progress Report
470 Kent Avenue – Brooklyn, NY
BCP Site #C224053
March 2024

Activities Completed during the Reporting Period

Continue implementation of the Remedial Action, excavation, off-site soil disposal, pile installation, rebar and waterproofing installation and slab pouring for building A3 construction.

Collected groundwater treatment system influent and effluent samples, see the details below.

Continued operation of construction dewatering system for A3 building foundation development.

Continue endpoint sampling collection, see details below.

Begin waterfront BMW-6 remedial excavation.

Daily reports were provided to the Department.

Modifications to Work Plan and/or Schedule

None.

Issues Encountered

None.

Data Collected/Received during the Reporting Period

A set of influent and effluent samples (Influent_20240304 and Effluent_20240304) were collected from the groundwater treatment system on March 4th.

An additional set of influent and effluent samples (HS_Influent_20240313 and Effluent_20240313) were collected from the remedial excavation tie in to the dewatering system.

Analytical results are attached to this report.

Endpoint sampling analytical results were received for endpoint samples EP-74 and EP-77.

Activities Undertaken in Support of Citizen Participation Plan

None.

Activities Planned for Next Reporting Period:

Continue implementation of the Remedial Action.

Influent Effluent Sampling - March 2024
470 Kent Avenue - Brooklyn, NY
BCP Site No.: C224053
SPDES No.: NY0277169

SAMPLE ID:		Permit Limits, Levels and Monitoring	INFLUENT_20240304		EFFLUENT_20240304		TRIP BLANK 20240304	
LAB ID:			L2411561-01		L2411561-02		L2411561-03	
COLLECTION DATE:			3/4/2024		3/4/2024		3/4/2024	
Volatile Organic Compounds Units: ug/L	CAS		Conc	Q	Conc	Q	Conc	Q
Tetrachloroethene	127-18-4	5	16		0.18	U	0.18	U
Benzene	71-43-2	5	5.2		0.16	U	0.16	U
Toluene	108-88-3	5	1.2	J	0.7	U	0.7	U
Ethylbenzene	100-41-4	5	2.9		0.7	U	0.7	U
p/m-Xylene	179601-23-1	--	1	J	0.7	U	0.7	U
o-Xylene	95-47-6	--	0.7	U	0.7	U	0.7	U
Xylenes, Total	1330-20-7	--	1	J	0.7	U	0.7	U
1,2,4-Trimethylbenzene	95-63-6	5	1.6	J	0.7	U	0.7	U
Total VOCs		--	28.6	-	3.84	-	3.84	-
SEMIVOLATILE ORGANICS BY GC/MS								
Naphthalene	91-20-3	10	17		0.85	J	-	-
Benzo(a)pyrene	50-32-8	5	0.41	U	0.41	U	-	-
Chrysene	218-01-9	10	0.34	U	0.34	U	-	-
Phenol	108-95-2	10	2.1	J	0.57	U	-	-
Total SVOCs		--	19.85	-	2.17	-	-	-
TOTAL METALS								
Chromium, Total	7440-47-3	50	11.05		3.26		-	-
Lead, Total	7439-92-1	214.6	13.66		0.91	J	-	-
Nickel, Total	7440-02-0	74.7	4.87		1.21	J	-	-
GENERAL CHEMISTRY								
Solids, Total Suspended	NONE	40,000	88,000		NA	U	-	-
pH (H)	12408-02-5	--	9.64		8.13		-	-
Oil & Grease, Hem-Grav	NONE	15,000	4000	U	4,400	U	-	-

Notes:

Permit Limts, Levels and Monitoring (PLLM) for Outfall 001 during groundwater construction dewatering into East River (via Outfall NCB-013); SPDES

MDL = Maximum Detection Limit

RL = Reporting Limit

Conc = Concentration

Q = Laboratory Qualifier

For U qualified entries, the MDL is shown

U = Not detected at or above the MDL

For J qualified entries, the estimated concentration is shown

J = estimated value, indicating the detected value is below the RL, but above the MDL

-- = No standard

NA = not applicable, there is no MDL for TSS

Influent Effluent Sampling - March 2024
470 Kent Avenue - Brooklyn, NY
BCP Site No.: C224053
SPDES No.: NY0277169

SAMPLE ID:		Permit Limits, Levels and Monitoring	HS_INFLUENT_20240313		EFFLUENT_20240313	
LAB ID:			L2413751-02		L2413751-01	
COLLECTION DATE:			3/13/2024		3/13/2024	
Volatile Organic Compounds Units: ug/L	CAS		Conc	Q	Conc	Q
Tetrachloroethene	127-18-4	5	0.18	U	0.18	U
Benzene	71-43-2	5	0.16	U	0.16	U
Toluene	108-88-3	5	0.7	U	0.7	U
Ethylbenzene	100-41-4	5	0.7	U	0.7	U
p/m-Xylene	179601-23-1	--	0.7	U	0.7	U
o-Xylene	95-47-6	--	0.7	U	0.7	U
Xylenes, Total	1330-20-7	--	0.7	U	0.7	U
1,2,4-Trimethylbenzene	95-63-6	5	0.7	U	0.7	U
Total VOCs		--	3.84	-	3.84	-
SEMIVOLATILE ORGANICS BY GC/MS						
Naphthalene	91-20-3	10	0.46	U	0.46	U
Benzo(a)pyrene	50-32-8	5	0.41	U	0.41	U
Chrysene	218-01-9	10	0.34	U	0.34	U
Phenol	108-95-2	10	0.57	U	0.57	U
Total SVOCs		--	1.78	-	1.78	-
TOTAL METALS						
Chromium, Total	7440-47-3	50	7.49	J	1.12	
Lead, Total	7439-92-1	214.6	8.37	J	3.24	
Nickel, Total	7440-02-0	74.7	5.56	U	1.53	J
GENERAL CHEMISTRY						
Solids, Total Suspended	NONE	40,000	30,000		13,000	
pH (H)	12408-02-5	--	8.41		7.82	
Oil & Grease, Hem-Grav	NONE	15,000	460	U	460	U

Notes:

Permit Limts, Levels and Monitoring (PLLM) for Outfall 001 during groundwater construction dewatering into East River (via MDL = Maximum Detection Limit

RL = Reporting Limit

Conc = Concentration

Q = Laboratory Qualifier

For U qualified entries, the MDL is shown

U = Not detected at or above the MDL

For J qualified entries, the estimated concentration is shown

J = estimated value, indicating the detected value is below the RL, but above the MDL

-- = No standard