

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

**Activities Completed during the Reporting Period**

Continue implementation of the Remedial Action, excavation, off-site soil disposal and pile installation 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.

Begin endpoint sampling collection, see details below.

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**

An influent and effluent sample (Influent\_20240206 and Effluent\_20240206) were collected from the groundwater treatment system on February 6<sup>th</sup>. Analytical results are attached to this report.

Endpoint sampling analytical results were received for endpoint samples EP-60 through EP-73, EP-75 through EP-81, EP-86 and EP-87.

**Activities Undertaken in Support of Citizen Participation Plan**

None.

**Activities Planned for Next Reporting Period:**

Continue implementation of the Remedial Action.

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

SAMPLE ID:		Permit Limits, Levels and Monitoring	INFLUENT_20240206		EFFLUENT_20240206		TRIP BLANK 20240206	
LAB ID:			L2406578-01		L2406578-02		L2406578-03	
COLLECTION DATE:			2/6/2024		2/6/2024		2/6/2024	
Volatile Organic Compounds Units: ug/L	CAS		Conc	Q	Conc	Q	Conc	Q
Tetrachloroethene	127-18-4	5	20		0.18	U	0.18	U
Benzene	71-43-2	5	0.84		0.16	U	0.16	U
Toluene	108-88-3	5	0.7	U	0.7	U	0.7	U
Ethylbenzene	100-41-4	5	0.7	U	0.7	U	0.7	U
p/m-Xylene	179601-23-1	--	0.7	U	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	--	0.7	U	0.7	U	0.7	U
1,2,4-Trimethylbenzene	95-63-6	5	0.7	U	0.7	U	0.7	U
Total VOCs		--	24.34	-	3.84	-	3.84	-
SEMIVOLATILE ORGANICS BY GC/MS								
Naphthalene	91-20-3	10	0.89	J	0.66	U	-	-
Benzo(a)pyrene	50-32-8	5	0.55	J	0.57	U	-	-
Chrysene	218-01-9	10	0.57	J	0.48	U	-	-
Phenol	108-95-2	10	0.57	U	0.8	U	-	-
Total SVOCs		--	2.58	-	2.51	-	-	-
TOTAL METALS								
Chromium, Total	7440-47-3	50	5.98		0.27	J	-	-
Lead, Total	7439-92-1	214.6	10.73		0.58	J	-	-
Nickel, Total	7440-02-0	74.7	7.44		0.69	J	-	-
GENERAL CHEMISTRY								
Solids, Total Suspended	NONE	40,000	130,000		NA	U	-	-
pH (H)	12408-02-5	--	7.23		7.57		-	-
Oil & Grease, Hem-Grav	NONE	15,000	3,600	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