

Monthly Progress Report
470 Kent Avenue – Brooklyn, NY
BCP Site #C224053
January 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.

Begin construction dewatering for A3 building foundation development on January 22, 2024.

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_20240105 and Effluent_20240105) were collected from the groundwater treatment system and results were provided to the NYSDEC Department of Water for review and subsequent approval prior to full scale operation to continue excavation for building foundation development. Analytical results are 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.

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

SAMPLE ID:		Permit Limits, Levels and Monitoring	INFLUENT_20240105		EFFLUENT_20240105	
LAB ID:			L2400910-02		L2400910-01	
COLLECTION DATE:			1/5/2024		1/5/2024	
VOLATILE ORGANIC COMPOUNDS	CAS		Conc	Q	Conc	Q
Units: ug/l						
Tetrachloroethene	127-18-4	5	6.5		0.18 U	
Benzene	71-43-2	5	0.87		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		--	10.87	-	3.84 -	
SEMIVOLATILE ORGANICS BY GC/MS						
Naphthalene	91-20-3	10	1.3	J	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		--	2.62	-	1.78 -	
TOTAL METALS						
Chromium, Total	7440-47-3	50	6.27		0.17 U	
Lead, Total	7439-92-1	214.6	6.52		0.34 U	
Nickel, Total	7440-02-0	74.7	6.27		0.55 U	
GENERAL CHEMISTRY						
Solids, Total Suspended	NONE	40,000	96,000		NA U	
pH (H)	12408-02-5	--	6.9		7.01	
Oil & Grease, Hem-Grav	NONE	15,000	4,000	U	4,000 U	

Notes:

Permit Limits, Levels and Monitoring (PLLM) for Outfall 001 during groundwater construction dewatering into East River (via Outfall NCB-013); SPDES No.: NY0277169

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