Monthly Progress Report No. 20

May and June 2025

401 Hunts Point

NYSDEC BCP Site No. C203162

401 Hunts Point Avenue and 1360 Drake Park South, Bronx, NY

1. Introduction

In accordance with the Brownfield Cleanup Agreement, Appendix A, Article XI., executed on July 28, 2023, for the above referenced site, Carson Voci Engineering and Geology, D.P.C. (Carson Voci) an affiliate of Terraphase Engineering, Inc., has prepared this Monthly Progress Report on behalf of 401 Hunts Point, LLC ("Participant"), to summarize the remedial activities conducted during May and June 2025 and list planned activities for July 2025 for the New York State (NYS) Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203162 identified as 401 Hunts Point at 401 Hunts Point Avenue and 1360 Drake Park South in Bronx, New York. The Site is currently owned by the Applicant, a Participant in the BCP. The approximately 1.14-acre Site consists of two irregular-shaped parcels identified as Block 2772, Lot 219 (401 Hunts Point Avenue), and Block 2772, Lot 245 (1360 Drake Park South), on the New York City Tax Map.

2. Remedial Activities Conducted during this Reporting Period

On May 1, 2025, groundwater samples were collected from on-site wells MW-01, MW-02, MW-03R, and MW-04 to evaluate one-month post-injection groundwater quality. Samples were submitted to the analytical laboratory for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs) Target Analyte List (TAL) Metals, polychlorinated biphenyls (PCBs), pesticides, herbicides, 1,4-Dioxane, Sulfate, and Per- and Polyfluoroalkyl Substances (PFAS) analysis.

3. Remedial Activities Anticipated for the Next Reporting Period

The 3-month post-injection groundwater monitoring event is anticipated to be conducted during the next reporting period.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None this period.

5. Results of Sampling, Testing, and Other Relevant Data

The analytical results of the May 1, 2025 groundwater sampling event are attached in Tables 1, 2, 3, 4, and 5. The sample results indicate a reduction in dissolved phase petroleum hydrocarbon impacts following the remedial injections.

6. Deliverables Submitted During this Reporting Period

No deliverables were submitted during this reporting period.

7. Information Regarding Percentage of Completion

The IRM implementation is approximately 90% complete. The RI now requires off-site SVI investigation to complete, which is in progress.

8. Unresolved Delays Encountered or Anticipated That May Affect the Remedial Schedule

NYSDEC and NYSDOH issued comments in response to the Draft Remedial Investigation Report (RIR), requesting a soil vapor intrusion (SVI) investigation at nine neighboring properties, noting that a Significant Threat Determination is unable to be made at this time without SVI data from the neighboring properties. The DRAFT Remedial Action Work Plan (RAWP) cannot be further reviewed and approved until a Significant Threat Determination is made. An IRMWP was submitted and approved in lieu of the RAWP.

9. Citizen Participation Plan Activities during this Report Period

None this period.

10. Citizen Participation Plan Activities Anticipated for the Next Reporting Period

None this period.

11. Remedial Schedule

The remedial schedule has not changed from the prior reporting period. The estimated remedial schedule is attached.

12. Miscellaneous Information

None this period.

Table 1
Groundwater Data - VOCs
401 Hunts Point – NYSDEC BCP Site No. C203162

Location Code		NY AWQ TOGS 1.1.1	MW-01		MW-02		MW-03/MW-03R		MW-04	
Date			10/10/2023	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025
Field ID			MW-01	MW-01	MW-02	MW-02	MW-03	MW-03R	MW-04	MW-04
SDG			L2360184	L2527341	L2360184	L2527341	L2360184	L2527341	L2360184	L2527341
Volatile Organic Compounds via EPA Method 8260D										
1,2,4,5-Tetramethylbenzene	µg/L	5	**120 J**	**24 J**	**30 J**	<2	<2	**12**	<2	<2
1,2-Dichloroethene (total)	µg/L	-	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropene (total)	µg/L	0.4	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichloro-2-butene(trans)	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1-Methyl-4 ethyl benzene	µg/L	-	**710**	**110**	**260**	<2	<2	<2	<2	<2
Acrylonitrile	µg/L	5	<500	<100	<250	<5	<5	<5	<5	<5
Ethyl ether	µg/L	-	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
p-Diethylbenzene	µg/L	-	**130 J**	<40	**38 J**	<2	<2	**1.5 J**	<2	<2
1,1,1,2-Tetrachloroethane	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	µg/L	-	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	1	<150	<30	<75	<1.5	<1.5	<1.5	<1.5	<1.5
1,1-Dichloroethane	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	µg/L	5	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	µg/L	0.04	<250	<50,000	<120	<2,500	<2.5	<2,500	<2.5	<2,500
1,2,4-Trichlorobenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	µg/L	5	**1,000**	**130**	**390**	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromo-3-chloropropane	µg/L	0.04	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	µg/L	0.0006	<200	<40	<100	<2	<2	<2	<2	<2
1,2-Dichlorobenzene	µg/L	3	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	µg/L	0.6	<50	<10	<25	**0.36 J**	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethene(cis)	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloroethene(trans)	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	µg/L	1	<100	<20	<50	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/L	5	**240 J**	<50	**93 J**	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	µg/L	3	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropene(cis)	µg/L	0.4	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropene(trans)	µg/L	0.4	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	3	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
1,4-Dioxane	µg/L	0.35	<25,000	<5,000	<12,000	<250	<250	<250	<250	<250
2,2-Dichloropropane	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
2-chlorotoluene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
2-hexanone	µg/L	50	<500	<100	<250	<5	<5	<5	<5	<5
4-Chlorotoluene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
4-Methyl-2-pentanone	µg/L	-	<500	<100	<250	<5	<5	<5	<5	<5
Acetone	µg/L	50	<500	**380**	<250	**80**	<5	<5	<5	**1.7 J**
Benzene	µg/L	1	<50	<10	<25	**0.28 J**	<0.5	<0.5	<0.5	<0.5
Bromobenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Bromochloromethane	µg/L	5	<250	<50	<120	**1.8 J**	<2.5	<2.5	<2.5	<2.5
Bromodichloromethane	µg/L	50	<50	<10	<25	**0.55**	<0.5	<0.5	<0.5	<0.5
Bromoform	µg/L	50	<200	<40	<100	<2	<2	<2	<2	<2
Bromomethane	µg/L	5	<250	<50	<120	**12**	<2.5	<2.5	<2.5	<2.5
Carbon disulfide	µg/L	60	<500	<100	<250	**2.4 J**	<5	<5	<5	<5
Carbon tetrachloride	µg/L	5	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	µg/L	50	<50	<10	<25	**3.8**	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	5	<250	**16 J**	<120	**1.6 J**	<2.5	<2.5	<2.5	<2.5
Chloroform	µg/L	7	<250	<50	<120	**7.1**	<2.5	<2.5	<2.5	<2.5
Chloromethane	µg/L	5	<250	**330**	<120	**110**	<2.5	<2.5	<2.5	<2.5
Dibromomethane	µg/L	5	<500	<100	<250	<5	<5	<5	<5	<5
Dichlorodifluoromethane	µg/L	5	<500	<100	<250	<5	<5	<5	<5	<5
Dichloromethane	µg/L	5	<250	<50	<120	**7.5**	<2.5	<2.5	<2.5	<2.5
Ethylbenzene	µg/L	5	**7,300**	**2,500**	**2,600**	**6.6**	<2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	µg/L	0.5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Isopropylbenzene	µg/L	5	**100 J**	**24 J**	**46 J**	<2.5	<2.5	<2.5	<2.5	<2.5
Methyl Ethyl Ketone	µg/L	50	<500	<100	<250	**6.5**	<5	<5	<5	<5
Methyl Tertiary Butyl Ether	µg/L	10	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Naphthalene	µg/L	-	**900**	**180**	**250**	<2.5	<2.5	<2.5	<2.5	<2.5
n-butylbenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	**0.97 J**	<2.5	<2.5
n-propylbenzene	µg/L	5	**110 J**	**26 J**	**40 J**	<2.5	<2.5	<2.5	<2.5	<2.5
p-isopropyltoluene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
sec-butylbenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Styrene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Tetrachloroethene	µg/L	5	<50	<10	<25	<0.5	**0.43 J**	**0.22 J**	<0.5	<0.5
Toluene	µg/L	5	<250	**20 J**	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	µg/L	5	<50	<10	<25	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	5	<250	<50	<120	<2.5	<2.5	<2.5	<2.5	<2.5
Vinyl acetate	µg/L	-	<500	<100	<250	<5	<5	<5	<5	<5
Vinyl chloride	µg/L	2	<100	<20	<50	<1	<1	<1	<1	<1
Xylene (m & p)	µg/L	-	**36,000**	**7,700**	**14,000**	<2.5	<2.5	<2.5	<2.5	<2.5
Xylene (o)	µg/L	5	**13,000**	**3,200**	**4,400**	<2.5	<2.5	<2.5	<2.5	<2.5
Xylenes (total)	µg/L	5	**49,000**	**11,000**	**18,000**	<2.5	<2.5	<2.5	<2.5	<2.5

IRM In-Situ Groundwater Remediation - ISCO - 3/25/25 - 3/31/25

Note:
Detected concentrations are **bold-faced**
µg/L= micrograms per Liter
- = Not analyzed/Not available
< = analyte not detected at or above laboratory reporting limit
J = Estimated below laboratory reporting limit
SDG = Lab Sample Delivery Group

Environmental Standards
NY AWQ TOGS 1.1.1 - NYSDEC, Division of Water, Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1, "Ambient Water Quality Standards and Guidance Values" (2023)

Table 2
Groundwater Data - SVOCs
401 Hunts Point – NYSDEC BCP Site No. C203162

Location Code		NY AWQ TOGS 1.1.1	MW-01		MW-02		MW-03/MW-03R		MW-04	
Date			10/10/2023	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025
Field ID			MW-01	MW-01	MW-02	MW-02	MW-03	MW-03R	MW-04	MW-04
SDG			L2360184	L2527341	L2360184	L2527341	L2360184	L2527341	L2360184	L2527341
Semi-Volatile Organic Compounds by EPA Method 8270E										
1,1-Biphenyl	µg/L	5	<2	<20	<2	<2	<2	<2	<2	<2
1,2,4,5-Tetrachlorobenzene	µg/L	5	<10	<100	<10	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol	µg/L	-	<5	<50	<5	<5	<5	<5	<5	<5
2,4,6-Trichlorophenol	µg/L	-	<5	<50	<5	<5	<5	<5	<5	<5
2,4-Dichlorophenol	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
2,4-Dimethylphenol	µg/L	50	**160**	**68**	**19**	<5	<5	<5	<5	<5
2,4-Dinitrophenol	µg/L	10	<20	<200	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluene	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
2,6-dinitrotoluene	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
2-chlorophenol	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
2-Methylphenol	µg/L	-	<5	<50	**2.8 J**	<5	<5	<5	<5	<5
2-Nitroaniline	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
2-Nitrophenol	µg/L	-	<10	<100	<10	<10	<10	<10	<10	<10
3,3-Dichlorobenzidine	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
3-Methylphenol/4-Methylphenol	µg/L	-	**60**	<50	**7**	<5	<5	<5	<5	<5
3-Nitroaniline	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
4,6-Dinitro-2-methylphenol	µg/L	-	<10	<100	<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
4-Chloro-3-methylphenol	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
4-Chloroaniline	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
4-Chlorophenyl phenyl ether	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
4-Nitroaniline	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
4-Nitrophenol	µg/L	-	<10	<100	<10	<10	<10	<10	<10	<10
Acetophenone	µg/L	-	**89**	**20,000**	**72**	**16**	<5	<5	<5	<5
Benzoic Acid	µg/L	-	<50	<500	<50	**13 J**	<50	<50	<50	<50
Benzyl alcohol	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
Bis(2-chloroethoxy) methane	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
Bis(2-chloroethyl)ether	µg/L	1	<2	**4.2 J**	<2	<2	<2	<2	<2	<2
Bis(2-chloroisopropyl) ether	µg/L	5	<2	<20	<2	<2	<2	<2	<2	<2
Bis(2-ethylhexyl) phthalate	µg/L	5	<3	<30	<3	<3	<3	<3	<3	<3
Butyl benzyl phthalate	µg/L	50	<5	<50	<5	<5	<5	<5	<5	<5
Carbazole	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
Dibenzofuran	µg/L	-	<2	<20	<2	<2	<2	<2	<2	<2
Diethylphthalate	µg/L	50	<5	<50	<5	<5	<5	<5	<5	<5
Dimethyl phthalate	µg/L	50	<5	<50	<5	<5	<5	<5	<5	<5
Di-n-butyl phthalate	µg/L	50	<5	<50	<5	<5	<5	<5	<5	<5
Di-n-octyl phthalate	µg/L	50	<5	<50	<5	<5	<5	<5	<5	<5
Hexachlorocyclopentadiene	µg/L	5	<20	<200	<20	<20	<20	<20	<20	<20
Isophorone	µg/L	50	<5	<50	<5	<5	<5	<5	<5	<5
Nitrobenzene	µg/L	0.4	<2	<20	<2	<2	<2	<2	<2	<2
N-Nitrosodi-n-propylamine	µg/L	-	<5	<50	<5	<5	<5	<5	<5	<5
N-Nitrosodiphenylamine	µg/L	50	<2	<20	<2	<2	<2	<2	<2	<2
Phenol	µg/L	-	<5	**9.5 J**	<5	<5	<5	<5	<5	**1.5 J**
1,2,4-Trichlorobenzene	µg/L	5	<5	<50	<5	<5	<5	<5	<5	<5
1,2-Dichlorobenzene	µg/L	3	<2	<20	<2	<2	<2	<2	<2	<2
1,3-Dichlorobenzene	µg/L	3	<2	<20	<2	<2	<2	<2	<2	<2
1,4-Dichlorobenzene	µg/L	3	<2	<20	<2	<2	<2	<2	<2	<2
Semi-Volatile Organic Compounds by EPA Method 8270E SIM										
2-chloronaphthalene	µg/L	-	<2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2-Methylnaphthalene	µg/L	-	**3.8**	**0.92 J**	**0.71**	<0.1	**0.04 J**	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	<1	<1	**0.03 J**	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	µg/L	-	<1	<1	<0.1	<0.1	<0.1	<0.1	**0.03 J**	<0.1
Anthracene	µg/L	50	<1	<1	**0.02 J**	<0.1	<0.1	<0.1	**0.11**	<0.1
Benz(a)anthracene	µg/L	0.002	<1	<1	<0.1	**0.06 J**	<0.1	**0.04 J**	**0.03 J**	**0.04 J**
Benzo(a)pyrene	µg/L	-	<1	<1	**0.02 J**	**0.05 J**	<0.1	<0.1	**0.03 J**	<0.1
Benzo(b)fluoranthene	µg/L	0.002	<1	<1	**0.03 J**	**0.09 J**	<0.1	<0.1	**0.05 J**	<0.1
Benzo(g,h,i)perylene	µg/L	-	<1	<1	**0.04 J**	**0.06 J**	<0.1	<0.1	**0.05 J**	<0.1
Benzo(k)fluoranthene	µg/L	0.002	<1	<1	**0.02 J**	<0.1	<0.1	<0.1	**0.06 J**	<0.1
Chrysene	µg/L	0.002	<1	<1	**0.02 J**	**0.06 J**	<0.1	<0.1	**0.03 J**	<0.1
Dibenz(a,h)anthracene	µg/L	-	<1	<1	**0.02 J**	<0.1	<0.1	<0.1	**0.05 J**	<0.1
Fluoranthene	µg/L	50	<1	<1	**0.02 J**	**0.12**	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	50	<1	<1	**0.02 J**	<0.1	<0.1	<0.1	**0.03 J**	**0.04 J**
Hexachlorobenzene	µg/L	0.04	<8	<8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Hexachloroethane	µg/L	5	<8	<8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Indeno(1,2,3-c,d)pyrene	µg/L	0.002	<1	<1	**0.03 J**	**0.06 J**	<0.1	<0.1	**0.05 J**	<0.1
Pentachlorophenol	µg/L	-	<8	<8	**0.07 J**	<0.8	<0.8	<0.8	**0.11 J**	<0.8
Phenanthrene	µg/L	50	<1	<1	**0.03 J**	**0.08 J**	<0.1	<0.1	<0.1	<0.1
Pyrene	µg/L	50	<1	<1	**0.02 J**	**0.09 J**	**0.04 J**	<0.1	**0.07 J**	<0.1
1,4-Dioxane	µg/L	0.35	<0.142	-	<0.15	-	<0.15	-	<0.142	-
Hexachlorobutadiene	µg/L	0.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	µg/L	-	**810**	**260**	**210**	**0.96**	**0.29**	<0.1	**0.16**	<0.1

IRM In-Situ Groundwater Remediation - ISCO - 3/25/25 - 3/31/25

Note:
Detected concentrations are **bold-faced**
µg/L= micrograms per Liter
- = Not analyzed/Not available
< = analyte not detected at or above laboratory reporting limit
J = Estimated below laboratory reporting limit
SDG = Lab Sample Delivery Group

Environmental Standards
NY AWQ TOGS 1.1.1 - NYSDEC, Division of Water, Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1, "Ambient Water Quality Standards and Guidance Values" (2023)

Table 3
Groundwater Data - Metals
401 Hunts Point – NYSDEC BCP Site No. C203162

Location Code		NY AWQ TOGS 1.1.1	MW-01		MW-02		MW-03/MW-03R		MW-04	
Date			10/10/2023	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025
Field ID			MW-01	MW-01	MW-02	MW-02	MW-03	MW-03R	MW-04	MW-04
SDG			L2360184	L2527341	L2360184	L2527341	L2360184	L2527341	L2360184	L2527341
Total/Dissolved Metals via EPA Method 200.7/200.8/245.1										
Calcium	mg/L	-	**86.2**	**194**	**103**	**114**	**93**	**83.2**	**158**	**76**
Calcium (filtered)	mg/L	-	**95.7**	-	**99.6**	-	**98.3**	-	**177**	-
Iron	µg/L	-	**33,500**	**32,600**	**7,990**	**104,000**	**1,300**	**18,200**	**1,610**	**728**
Iron (filtered)	µg/L	-	**4,130**	-	<50	-	**42.2 J**	-	**110**	-
Magnesium	µg/L	35,000	**11,000**	**71,600**	**18,800**	**70,600**	**23,900**	**24,300**	**30,100**	**12,800**
Magnesium (filtered)	µg/L	35,000	**10,600**	-	**17,000**	-	**22,100**	-	**28,800**	-
Potassium	mg/L	-	**7.35**	**10**	**4.8**	**5.94**	**6.31**	**6.05**	**8.07**	**4.2**
Potassium (filtered)	mg/L	-	**7.81**	-	**4.39**	-	**6.25**	-	**8.23**	-
Sodium	mg/L	20	**98.3**	**2,180**	**254**	**2,310**	**45.7**	**74.9**	**97.1**	**87.7**
Sodium (filtered)	mg/L	20	**108**	-	**252**	-	**45.4**	-	**105**	-
Aluminum	µg/L	-	**379.1**	**47,950**	**1,695**	**205,700**	**7.91 J**	**103.7**	**248.3**	**25.82**
Aluminum (filtered)	µg/L	-	**3.5 J**	-	<10	-	<10	-	**10.8**	-
Antimony	µg/L	3	**0.46 J**	<4	<4	<4	<4	<4	<4	<4
Antimony (filtered)	µg/L	3	**1.1 J**	-	<4	-	**0.6 J**	-	<4	-
Arsenic	µg/L	25	**7.44**	**7.68**	**2.72**	**34.84**	**0.17 J**	**1.02**	**0.76 J**	**0.22 J**
Arsenic (filtered)	µg/L	25	**1.7**	-	**1**	-	<1	-	**0.5 J**	-
Barium	µg/L	1,000	**211.6**	**75.49**	**148**	**454**	**173.3**	**64.31**	**221.8**	**104.1**
Barium (filtered)	µg/L	1,000	**129.2**	-	**105.4**	-	**165**	-	**214.8**	-
Beryllium	µg/L	3	<1	**11.75**	<1	**41.72**	<1	<1	<1	<1
Beryllium (filtered)	µg/L	3	<1	-	<1	-	<1	-	<1	-
Cadmium	µg/L	5	<0.2	**18.38**	<0.2	**15.78**	<0.2	<0.2	**0.19 J**	**0.07 J**
Cadmium (filtered)	µg/L	5	<0.2	-	<0.2	-	<0.2	-	**0.2 J**	-
Chromium (III+VI)	µg/L	50	**3.28**	**38.25**	**4.38**	**157**	**0.41 J**	**1.44**	**1.96**	**0.19 J**
Chromium (III+VI) (filtered)	µg/L	50	**0.3 J**	-	<1	-	<1	-	**0.4 J**	-
Cobalt	µg/L	-	**1.38**	**1,019**	**3.73**	**1,764**	**0.69 J**	**7.74**	**9.03**	**6.25**
Cobalt (filtered)	µg/L	-	**1**	-	**2.5**	-	**0.6 J**	-	**8**	-
Copper	µg/L	200	**3.5**	**1,530**	**4.67**	**4,267**	**2.5**	**5.44**	**14.59**	**2.71**
Copper (filtered)	µg/L	200	<1	-	**0.4 J**	-	**0.7 J**	-	**8.6**	-
Lead	µg/L	25	**1.01**	**8.97**	**1.27**	**32.56**	<1	**0.74 J**	**0.86 J**	<1
Lead (filtered)	µg/L	25	<1	-	<1	-	<1	-	<1	-
Manganese	µg/L	-	**3,492**	**28,720**	**4,605**	**7,114**	**356.8**	**3,422**	**5,212**	**2,194**
Manganese (filtered)	µg/L	-	**3,370**	-	**4,144**	-	**322.9**	-	**5,117**	-
Mercury	µg/L	0.7	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2
Mercury (filtered)	µg/L	0.7	<0.2	-	<0.2	-	<0.2	-	<0.2	-
Nickel	µg/L	100	**1.97 J**	**1,306**	**4.61**	**1,460**	**6.02**	**16.54**	**17.79**	**7.73**
Nickel (filtered)	µg/L	100	**1 J**	-	**1.9 J**	-	**5.8**	-	**15.6**	-
Selenium	µg/L	10	<5	**21.64**	<5	**78.46**	**2.62 J**	<5	<5	<5
Selenium (filtered)	µg/L	10	<5	-	<5	-	**2.4 J**	-	<5	-
Silver	µg/L	50	<0.4	<0.4	<0.4	**0.34 J**	<0.4	<0.4	<0.4	<0.4
Silver (filtered)	µg/L	50	<0.4	-	<0.4	-	<0.4	-	<0.4	-
Thallium	µg/L	0.5	<1	<1	<1	**0.21 J**	<1	<1	<1	<1
Thallium (filtered)	µg/L	0.5	<1	-	<1	-	<1	-	<1	-
Vanadium	µg/L	-	**2.29 J**	**13.14**	**3.68 J**	**111.4**	<5	**1.73 J**	<5	<5
Vanadium (filtered)	µg/L	-	<5	-	<5	-	<5	-	<5	-
Zinc	µg/L	2,000	**5.52**	**1,152**	**5.86**	**1,931**	**6.7**	**5.69**	**5.3**	**3.78 J**
Zinc (filtered)	µg/L	2,000	<5	-	<5	-	**5.8**	-	<5	-

IRM In-Situ Groundwater Remediation - ISCO - 3/25/25 - 3/31/25

Note:
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µg/L= micrograms per Liter
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J = Estimated below laboratory reporting limit
SDG = Lab Sample Delivery Group

Environmental Standards
NY AWQ TOGS 1.1.1 - NYSDEC, Division of Water, Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1, "Ambient Water Quality Standards and Guidance Values" (2023)

Table 4

Groundwater Data - Pesticides, Herbicides, and PCBs 401

Hunts Point – NYSDEC BCP Site No. C203162

Location Code		NY AWQ TOGS 1.1.1	MW-01			MW-02		MW-03/MW-03R		MW-04	
Date			10/10/2023	02/09/2024	05/01/2025	10/10/2023	05/01/2025	10/10/2023	05/01/2025	02/09/2024	05/01/2025
Field ID			MW-01	MW-01	MW-01	MW-02	MW-02	MW-03	MW-03R	MW-04	MW-04
SDG			L2360184	L2407748	L2527341	L2360184	L2527341	L2360184	L2527341	L2407748	L2527341
Pesticides via EPA Method 8081B											
4,4'-DDD	µg/L	0.3	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
4,4'-DDE	µg/L	0.2	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
4,4'-DDT	µg/L	0.2	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
Aldrin	µg/L	-	-	<0.002	<0.14	<0.014	<0.014	<0.014	<0.014	<0.002	<0.014
alpha-BHC	µg/L	0.01	-	<0.003	<0.14	<0.014	<0.014	<0.014	<0.014	<0.003	<0.014
beta-BHC	µg/L	0.04	-	<0.004	<0.2	<0.014	<0.02	<0.014	<0.02	<0.004	<0.02
Chlordane (cis) (alpha)	µg/L	-	-	<0.005	<0.2	<0.014	<0.02	<0.014	<0.02	<0.005	<0.02
Chlordane (trans) (gamma)	µg/L	-	-	<0.004	<0.2	<0.014	<0.02	<0.014	<0.02	<0.004	<0.02
delta-BHC	µg/L	0.04	-	<0.003	<0.14	<0.014	<0.014	<0.014	<0.014	<0.003	<0.014
Dieldrin	µg/L	0.004	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
Endosulfan I	µg/L	-	-	<0.002	<0.14	<0.014	<0.014	<0.014	<0.014	<0.002	<0.014
Endosulfan II	µg/L	-	-	<0.004	<0.29	<0.029	<0.029	<0.029	<0.029	<0.004	<0.029
Endosulfan sulfate	µg/L	-	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
Endrin	µg/L	-	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
Endrin aldehyde	µg/L	5	-	<0.006	<0.3	<0.029	<0.03	<0.029	<0.03	<0.006	<0.03
Endrin ketone	µg/L	5	-	<0.003	<0.29	<0.029	<0.029	<0.029	<0.029	<0.003	<0.029
gamma-BHC (Lindane)	µg/L	0.05	-	<0.003	<0.14	<0.014	<0.014	<0.014	<0.014	<0.003	<0.014
Heptachlor epoxide	µg/L	0.03	-	<0.003	<0.14	<0.014	<0.014	<0.014	<0.014	<0.003	<0.014
Methoxychlor	µg/L	35	-	<0.005	<1.43	<0.143	<0.143	<0.143	<0.143	<0.005	<0.143
chlordane (total)	µg/L	0.05	-	<0.033	<1.43	<0.143	<0.143	<0.143	<0.143	<0.033	<0.143
Heptachlor	mg/L	0.00004	-	<0.000002	<0.00014	<0.000014	<0.000014	<0.000014	<0.000014	<0.000002	<0.000014
Toxaphene	µg/L	0.06	-	<0.045	<2	<0.143	<0.2	<0.143	<0.2	<0.045	<0.2
Polychlorinated Biphenyls by Epa Method 8082A											
Aroclor 1016	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1221	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1232	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1242	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1248	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1254	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1260	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1262	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Aroclor 1268	µg/L	-	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Total PCBs	µg/L	0.09	<0.071	-	<0.05	<0.071	<0.05	<0.071	<0.067	-	<0.05
Herbicides by EPA Method 8151A											
2,4,5-TP (Silvex)	mg/L	0.00026	-	<0.000539	-	<0.002	-	<0.002	-	<0.000539	-
2,4,5-Trichlorophenoxy Acetic Acid	mg/L	0.035	-	<0.000531	-	<0.002	-	<0.002	-	<0.000531	-
Hedonal	mg/L	0.05	-	<0.000498	-	<0.01	-	<0.01	-	<0.000498	-

IRM In-Situ Groundwater Remediation - ISCO - 3/25/25 - 3/31/25

Note:

Detected concentrations are **bold-faced**

mg/L = milligrams per Liter

µg/L= micrograms per Liter

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SDG = Lab Sample Delivery Group

Environmental Standards

NY AWQ TOGS 1.1.1 - NYSDEC, Division of Water, Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1, “Ambient Water Quality Standards and Guidance Values” (2023)

Table 5

Groundwater Data - Per- and Polyfluoroalkyl Substances 401

Hunts Point – NYSDEC BCP Site No. C203162

Location Code		NY AWQ TOGS 1.1.1	MW-01		MW-02	MW-03/MW-03R		MW-04	
Date			12/05/2023	05/01/2025	05/01/2025	10/10/2023	05/01/2025	02/09/2024	05/01/2025
Field ID			MW-01	MW-01	MW-02	MW-03	MW-03R	MW-04	MW-04
SDG			L2371814	L2527341	L2527341	L2360184	L2527341	L2407761	L2527341
Per- and Polyfluoroalkyl Substances by DRAFT EPA Method 1633									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ng/l	-	<5.28	<7.62	<64	<6.7	<7.46	<1.37	<7.58
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ng/l	-	<9.95	<7.62	<64	<6.7	<7.46	<2.58	<7.58
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ng/l	-	<6.69	<7.62	<64	<6.7	<7.46	<1.74	<7.58
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ng/l	-	<37.4	<47.6	<400	<41.8	<46.6	<9.71	<47.4
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ng/l	-	<25.2	<47.6	<400	<41.8	<46.6	<6.55	<47.4
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ng/l	-	<10.6	<9.53	<80	<8.37	<9.32	<2.74	<9.48
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ng/l	-	<4.03	<7.62	<64	<6.7	<7.46	<1.05	<7.58
6:2 Fluorotelomer Sulfonate (6:2 FtS)	ng/l	-	<8.64	<7.62	<64	<6.7	<7.46	<2.24	<7.58
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ng/l	-	<5.28	<7.62	<64	<6.7	<7.46	<1.37	<7.58
HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA; GenX)	ng/l	-	<3.58	<7.62	<64	<6.7	<7.46	<0.93	<7.58
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ng/l	-	<2.94	**6.88 J**	<16	<1.67	<1.86	<0.764	<1.9
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ng/l	-	<7.84	<19	<160	<16.7	<18.6	<2.03	<19
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ng/l	-	<3.46	<16	<16	<1.67	<1.86	<0.896	<1.9
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ng/l	-	<2.78	<1.9	<16	<1.67	<1.86	<0.722	<1.9
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ng/l	-	<15	<19	<160	<16.7	<18.6	<3.9	<19
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ng/l	-	<3.49	<16	<16	<1.67	<1.86	<0.905	<1.9
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ng/l	-	<7.55	<3.81	<32	<3.35	<3.73	<1.96	<3.79
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ng/l	-	<1.41	<3.81	<32	<3.35	<3.73	<0.365	<3.79
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ng/l	-	<1.82	<32	<32	<3.35	<7.46	<0.473	<3.79
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ng/l	-	<1.7	<3.81	<32	<3.35	<3.73	<0.44	<3.79
Perfluorodecanesulfonic Acid (PFDS)	ng/l	-	<1.47	<1.9	<16	<1.67	<1.86	<0.382	<1.9
Perfluorodecanoic Acid (PFDA)	ng/l	-	<2.59	<1.9	<16	<1.67	<1.86	<0.672	<1.9
Perfluorododecanesulfonic Acid (PFDoS)	ng/l	-	<2.43	<1.9	<16	<1.67	<1.86	<0.631	<1.9
Perfluorododecanoic Acid (PFDoA)	ng/l	-	<2.94	<1.9	<16	<1.67	<1.86	<0.764	<1.9
Perfluoroheptanesulfonic Acid (PFHpS)	ng/l	-	<1.73	<1.9	<16	**1.18 J**	**0.242 J**	**1.08 J;F**	**0.417 J**
Perfluoroheptanoic Acid (PFHpA)	ng/l	-	**4.1 J**	**3.25**	**3.76 J**	**3.96**	**2.65**	**5.99**	**4.35**
Perfluorohexanesulfonic Acid (PFHxS)	ng/l	-	**3.04 J**	**2.47**	**4.96 J**	**2.53**	**2.29**	**9.33**	**2.8**
Perfluorononanesulfonic Acid (PFNS)	ng/l	-	<1.98	<1.9	<16	<1.67	<1.86	<0.515	<1.9
Perfluorononanoic Acid (PFNA)	ng/l	-	**2.98 J**	<1.9	<16	**4.26**	**1.72 J**	**2.09**	**0.806 J**
Perfluorooctanesulfonamide (PFOSA)	ng/l	-	<1.73	<1.9	<16	<1.67	<1.86	<0.448	<1.9
Perfluoropentanesulfonic Acid (PFPeS)	ng/l	-	<1.12	<1.9	<16	**0.343 J**	<1.86	**1.82**	**0.73 J**
Perfluoropentanoic Acid (PFPeA)	ng/l	-	**5.86 J**	**5.03**	**5.84 J**	**2.9 J**	**4.16**	**6.42**	**6.62**
Perfluorotetradecanoic Acid (PFTeDA)	ng/l	-	<1.7	<16	<16	<1.67	<1.86	<0.44	<1.9
Perfluorotridecanoic Acid (PFTrDA)	ng/l	-	<2.4	<1.9	<16	<1.67	<1.86	<0.623	<1.9
Perfluoroundecanoic Acid (PFUnA)	ng/l	-	<2.78	<16	<16	<1.67	<1.86	<0.722	<1.9
Perfluorobutane Sulfonate	ng/l	-	**4.9 J**	**3.02**	<16	**3.99**	**2.76**	**3.8**	**2.28**
Perfluorooctanoate (PFOA)	ng/l	6.7	**15.5**	**2.69**	**20**	**56.4**	**19.1**	**39.6**	**15.2**
PERFLUOROBUTANOIC ACID (PFBA)	ng/l	-	**7.46 J**	**7.36 J**	**13.5 J**	**9.39**	**8.19 J**	**14.7**	**1.87 J**
Perfluorohexanoic Acid	ng/l	-	**5.44 J**	**5.52 F**	**8.24 J**	**4.45**	**3.12**	**9.65**	**5.67**
Perfluorooctane Sulfonic Acid (PFOS)	ng/l	2.7	**25.8**	**11.7**	**8.08 J**	**11.5**	**7.96**	**20.1**	**19.5**

IRM In-Situ Groundwater Remediation - ISCO - 3/25/25 - 3/31/25

Note:

Detected concentrations are **bold-faced**

ng/L = nanograms per liter

- = Not analyzed/Not available

< = analyte not detected at or above laboratory reporting limit

F = The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

J = Estimated below laboratory reporting limit

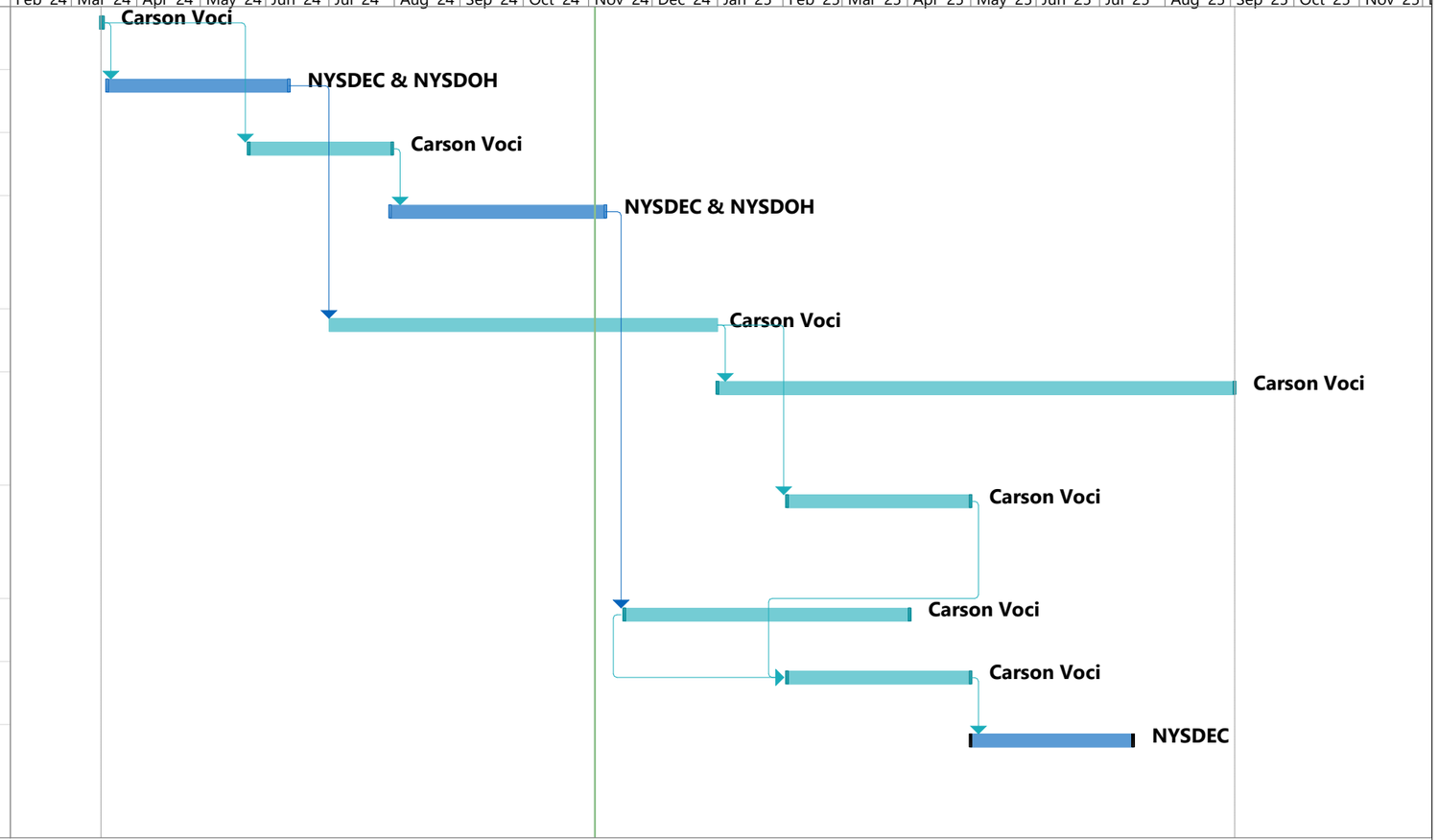
SDG = Lab Sample Delivery Group

Environmental Standards

NY AWQ TOGS 1.1.1 - NYSDEC, Division of Water, Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1, "Ambient Water Quality Standards and Guidance Values" (2023)

Estimated Remedial Schedule
401 Hunts Point
NYSDEC BCP Site No. C203162

ID	Task Name	Resource Names	Start	Finish
1	RIR Submittal	Carson Voci	Fri 3/15/24	Fri 3/15/24
2	RIR - NYSDEC & NYSDOH Review	NYSDEC & NYSD	Mon 3/18/24	Tue 6/11/24
3	IRMWP - Preparation and Submittal	Carson Voci	Fri 5/24/24	Tue 7/30/24
4	IWMWP - NYSDEC & NYSDOH Review, Public Comment, and Issuance of Decision Document	NYSDEC & NYSDOH	Tue 7/30/24	Fri 11/8/24
5	RI - Off-Site SVI Investigation	Carson Voci	Mon 7/1/24	Tue 12/31/24
6	Environmental Easement - Preparation and Submittal	Carson Voci	Wed 1/1/25	Tue 9/2/25
7	Site Management Plan - Preparation and Submittal	Carson Voci	Mon 2/3/25	Wed 4/30/25
8	IRMWP - Implementation	Carson Voci	Mon 11/18/24	Tue 4/1/25
9	CCR - Preparation and Submittal	Carson Voci	Mon 2/3/25	Wed 4/30/25
10	CCR - NYSDEC and NYSDOH Review and Approval	NYSDEC	Thu 5/1/25	Wed 7/16/25



Project: C203162 - 401 Hunts Point - Estimated Project Schedule_20
Date: 11/4/24

NYSDEC/NYSDOH Task | Milestone - Project Completion | Carson Voci Task