

October 31, 2024 Project No. 2201010

VIA EMAIL: justin.starr@dec.ny.gov

Mr. Justin Starr, Project Manager NYSDEC Division of Environmental Remediation 625 Broadway Albany, NY 12233-7016

Re: Progress Report – Third Quarter 2024 Polychrome East Site City of Yonkers, Westchester County NYSDEC BCP Site No. C360098

Dear Mr. Starr:

This Progress Report has been prepared by GEI Consultants, Inc., P.C. (GEI), under contract with Consolidated Edison Company of New York (Con Edison) on behalf of Avalon Yonkers Sun Sites, LLC (AVB) to summarize the work performed at the Polychrome East site [Brownfield Cleanup Program (BCP) Site No. C360098] located at 80-94 Alexander Street, Yonkers, New York (the Site) during the third quarter of 2024.

Site Activities

During the third quarter of 2024, DNAPL gauging was conducted at NW-3 and NW-4. DNAPL recovery wells are equipped with 3-foot sumps. DNAPL was detected during the Q3 2024 monitoring events in NW-3 and NW-4 as summarized in Table 1. DNAPL measurements from 2024 are provided in Table 2.

DNAPL was removed from recovery wells NW-3 and NW-4 using a 2-inch submersible pump and dedicated tubing. DNAPL gauging and recovery amounts for the Q3 2024 events are summarized in Table 1.

The recovered DNAPL was containerized in Department of Transportation (DOT)-approved 55-gallon drums, labeled as hazardous waste, and stored on-site in a drum storage area. On July 3, August 14, and September 11, 2024, the drums were picked up from the Site for off-site disposal at an appropriate receiving facility. Waste disposal manifests for Q3 2024 are provided as Attachment A.

A total of approximately 13.5 gallons of DNAPL were recovered during the reporting period. Since the start of 2024, a total of 63.5 gallons of DNAPL have been removed. DNAPL recovery totals for 2024 are summarized in Table 3. DNAPL recovery rates are shown in Attachment B.

The current monitoring program was approved by NYSDEC on March 3, 2023.

The following work is planned for Q4 2024:

- Complete DNAPL gauging and removal using the same methods as described above at a frequency of once monthly.
- Disposal, as needed, of recovered DNAPL and used personal protective equipment and field supplies.
- The next progress report will summarize work performed in Q4 2024.

If you have any questions or require any further information, please contact Melissa Abt at Con Edison at 718.204.4331 or via electronic mail at abtm@coned.com.

Sincerely,

GEI Consultants, Inc., P.C.

Matt O'Neil, P.E.

Vice President, Program Manager

Missa Fette

Melissa Felter, P.G. Project Manager

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Appendices

Tables Figures Attachment A Waste Disposal Manifests Attachment B Recovery Rate Graphs

cc: G. Moran/J. Vogel/M. Simpson/C. Hinckley/S. Lessick, AVB
 M. Godick/S. Grens, AKRF
 M. Chokshi/M. Abt, Con Edison

Tables

- Table 1. Q3 2024 DNAPL Summary
- Table 2. 2024 Well Gauging Measurements
- Table 3. 2024 DNAPL Recovery Totals

Table 1. Q3 2024 DNAPL Summary Polychrome East Site Yonkers, New York

Recovery Well ID	DN	APL Thicknes	s (feet)	Total DNAPL Removed (Gallons)
	7/3/2024	8/15/2024	9/11/2024	Q3 2024
NW-3	1.01	2.25	1.70	11.5
NW-4	0.38	1.00	0.35	2.0

Notes: Measured DNAPL thicknesses are estimated NA- Not Applicable

Table 2. 2024 Well Gauging MeasurementsPolychrome East SiteYonkers, New York

			Depth to	Depth to		DNAPL	
Well ID	Date	Time	Water	DNAPL	Total Depth	Thickness	Comments
			(feet)	(feet)	(feet)	(feet)	
	1/3/2024	9:00:00 AM	6.30	17.10	18.60	1.50	Pre pumping measurement ~3.0 gallons removed
	2/14/2024	10:20:00 AM					
			6.28	13.87	18.75	4.88	Pre pumping measurement ~10.0 gallons removed
	3/13/2024	12:10:00 PM	5.84	14.70	18.60	3.90	Pre pumping measurement ~8.0 gallons removed
	4/24/2024	11:00:00 AM					
NW-3			6.32	12.80	18.60	5.80	Pre pumping measurement ~12.0 gallons removed
	5/8/2024	12:45:00 PM	6.47	17.01	18.61	1.60	Pre pumping measurement ~4.0 gallons removed
	6/6/2024	9:30:00 AM	6.20	16.41	18.60	2.19	Pre pumping measurement ~5.0 gallons removed
	7/3/2024	10:45:00 AM	6.77	17.43	18.44	1.01	Pre pumping measurement ~2.5 gallons removed
	8/15/2024	9:15:00 AM	6.65	16.39	18.64	2.25	Pre pumping measurement ~5.0 gallons removed
	9/11/2024	10:05:00 AM	6.72	16.89	18.59	1.70	Pre pumping measurement ~4.0 gallons removed
	1/3/2024	9:15:00 AM	7.34	17.14	17.34	0.20	
	2/14/2024	11:10:00 AM	7.47	16.16	17.28	1.12	Pre pumping measurement ~2.0 gallons removed
	3/13/2024	12:30:00 PM	7.87	16.89	17.21	0.32	
	4/24/2024	11:30:00 AM	7.51	15.55	17.30	1.75	Pre pumping measurement ~4.0 gallons removed
NW-4	5/8/2024	1:10:00 PM	7.49	16.86	17.29	0.43	
	6/6/2024	9:50:00 AM	7.25	16.09	17.24	1.15	Pre pumping measurement ~2.0 gallons removed
	7/3/2024	11:10:00 AM	7.63	16.85	17.23	0.38	
	8/15/2024	8:45:00 AM	7.30	16.24	17.24	1.00	Pre pumping measurement ~2.0 gallons removed
	9/11/2024	10:45:00 AM	7.67	16.95	17.30	0.35	

Notes:

Pre-pumping event readings are bolded

DNAPL - Dense Non-Aqueous Phase Liquid

NA - Not Applicable

ND - Not Detected

Recovery Wells NW-1, NW-2, and NW-5 were decomissioned with NYSDEC-approval in March 2023.

Recovery Wells NW-3 and NW-4 are gauged monthly.

					D	NAPL Reco	vered Volu	me (gal)					
Recovery													Total DNAPL
Event													Recovered
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	(Gallons)
NW-3	3.0	10.0	8.0	12.0	4.0	5.0	2.5	5.0	4.0				53.50
NW-4	NA	2.0	NA	4.0	NA	2.0	NA	2.0	NA				10.00
Event Total	3.00	12.00	8.00	16.00	4.00	7.00	2.50	7.00	4.00	0.00	0.00	0.00	63.50
Date Generated	1/3/2024	2/14/2024	3/13/2024	4/24/2024	5/8/2024	6/6/2024	7/3/2024	8/15/2024	9/11/2024				
Off-Site Disposal Date	1/31/2024	2/28/2024	3/27/2024	4/24/2024	5/9/2024	6/6/2024	7/3/2024	9/11/2024	9/11/2024				
Date	Clean	Clean	Clean	Clean	5/9/2024	Clean	Clean	9/11/2024	9/11/2024				
Disposal Location	Earth North	Earth North	Earth North	Earth North	Clean Earth North	Earth North	Earth North	North	Clean Earth North				
	Jersey	Jersey	Jersey	Jersey	Jersey	Jersey	Jersey	Jersey	Jersey				

Notes:

DNAPL - Dense Non-Aqueous Phase Liquid

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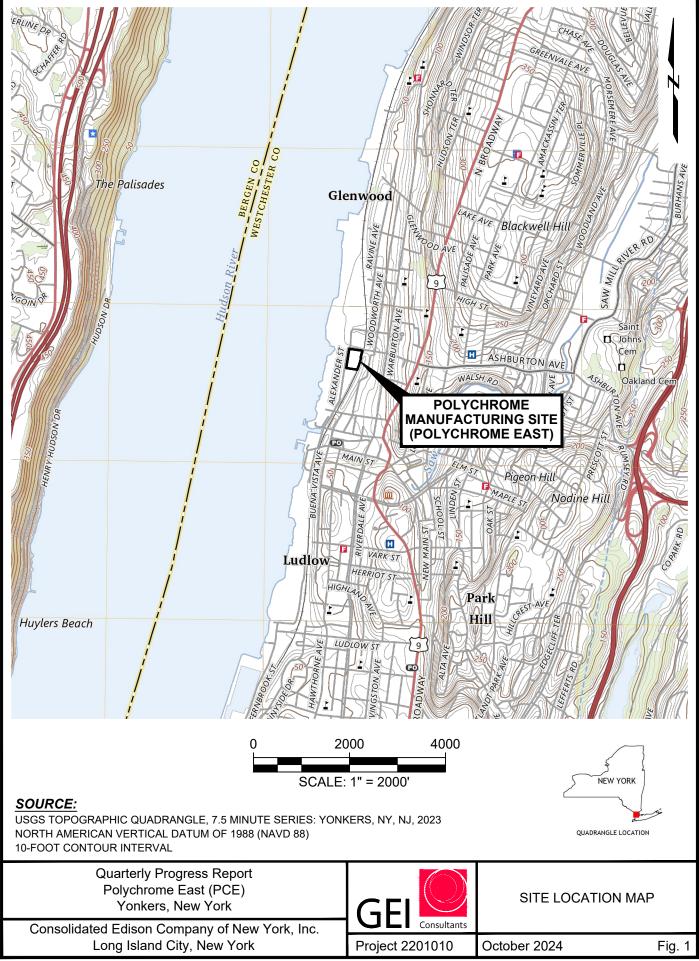
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GEI Consultants, Inc. P.C.

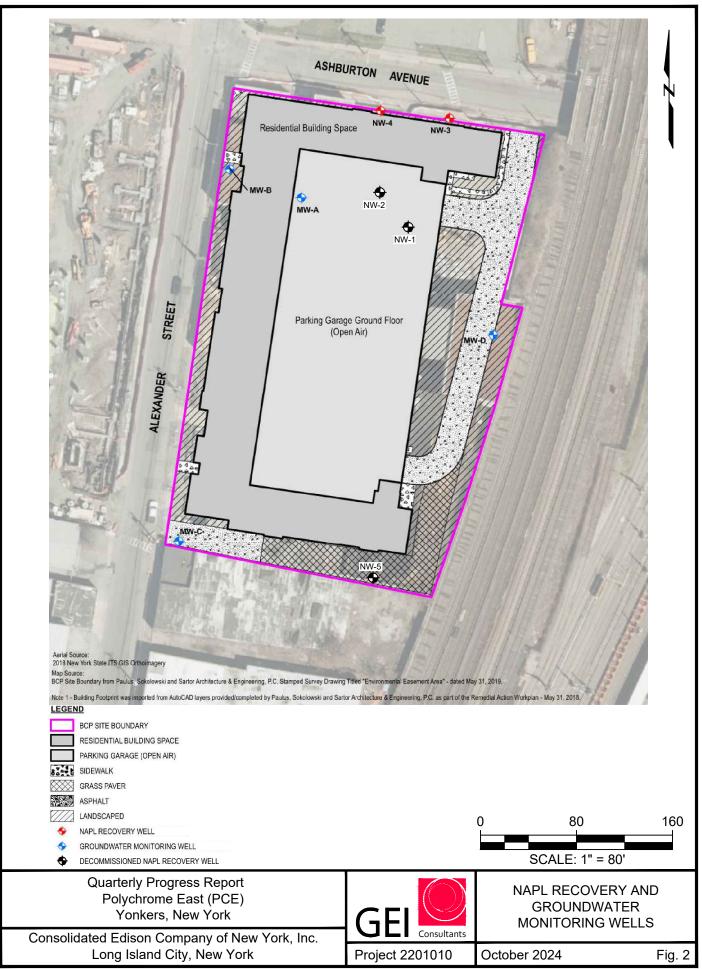
Figures

Figure 1. Site Location Map

Figure 2. NAPL Recovery and Groundwater Monitoring Well Location Plan



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Attachment A Waste Disposal Manifests

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	AND CONTRACTOR		3. Emergency Respons		4. Manifest	Tracking Nu	umber	79 FI	
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Attachment B Recovery Rate Graphs

