



Environmental, Planning, and Engineering Consultants

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June 11, 2021

Mr. Matthew Hubicki
Project Manager
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7016

Re: Progress Report – May 2021
Polychrome East Site
City of Yonkers, Westchester County
NYSDEC BCP Site No. C360098

Dear Mr. Hubicki:

This Progress Report has been prepared by AKRF, Inc. (AKRF) 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 month of May 2021.

Community Air Monitoring Plan (CAMP) observations were as follows:

- No intrusive soil work occurred below the final cover system at the Site during the reporting period for the month of May 2021.
- On May 5, 6, 17, and 20, 2021, handheld equipment was used to monitor volatile organic compounds (VOCs), oxygen, and hydrogen sulfide (H₂S) during dense non-aqueous phase liquid (DNAPL) coal tar gauging and removal activities, in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP). Air monitoring was performed within the work zone. No VOC or H₂S exceedances were recorded during the DNAPL removal activities.

Site Activities:

- During the month of May 2021, no on-Site excavation activities below the final cover system occurred.
- On May 3, 2021, Veolia Environmental Services (VES) picked up one drum of DNAPL generated during the February, March, and April 2021 DNAPL pumping events for off-site disposal at their facility in Flanders, New Jersey. The hazardous waste disposal manifest is included in Attachment A and will be included in the Periodic Review Report (PRR).
- On March 5 and 17, 2021, DNAPL gauging was conducted at NW-3 and NW-4, and monthly gauging was conducted at MW-A, MW-B, MW-C, MW-D, NW-1, NW-2, NW-3, NW-4, and NW-5. DNAPL recovery wells are equipped with 3-foot sumps. DNAPL was detected during the March 2021 monitoring events in NW-3 and NW-4 as summarized below and detailed in the attached Table 1.

Recovery Well ID	DNAPL Thickness 5/5/21 (feet)	DNAPL Thickness 5/17/21 (feet)
NW-3	1.88	1.85
NW-4	0.24	0.47

Note: Measured DNAPL thicknesses are estimated.

- On May 5 and 7, 2021, AKRF performed oversight during DNAPL removal, which was completed by Eastern Environmental of Manorville, New York (Eastern). Measurable DNAPL was removed from recovery wells NW-3 (~14 gallons total) and NW-4 (~6 gallons total) utilizing a vacuum truck to apply vacuum on an internal 1-inch pipe within the respective recovery well. The recovered DNAPL was containerized in a Department of Transportation (DOT)-approved 55-gallon drum, labeled as hazardous waste, and staged on-Site in Grid Cell E2 (see Figure 2) for off-site disposal at an appropriate receiving facility. Following DNAPL removal, the vacuum truck was decontaminated using a steam pressure washer with the decontamination fluids drummed on-Site.
- On May 20, 2021, Eastern removed two drums of used personal protective equipment (PPE) and oily debris generated during previous DNAPL recovery events. Both drums were disposed of at Clean Waters of New York in Staten Island, New York. The non-hazardous waste manifests are included in Attachment A and will be included in the PRR.
- On May 28, 2021, AKRF submitted the PRR for the reporting period of December 31, 2019 through April 30, 2021 to NYSDEC for review.
- A total of approximately 20 gallons of DNAPL was recovered during the reporting period. Since DNAPL removal activities began in December 2019, a total of 358.5 gallons of DNAPL have been removed. DNAPL recovery totals are summarized in Table 2.
- AKRF anticipates completing DNAPL gauging and removal in June 2021 using the same methods as described above while long-term trends and alternate recovery methods are evaluated.

The following work is planned for June 2021:

- General site work above the Site-Wide Cover System;
- The 2nd quarterly sub-slab depressurization system (SSDS) inspection;
- NAPL recovery well monitoring and DNAPL recovery at a frequency of once every two weeks; and
- Disposal, as needed, of recovered DNAPL (i.e., coal tar) and used personal protective equipment and field supplies.

If you have any questions or require additional information, please contact me at (914) 922-2387.

Sincerely,
AKRF, Inc.

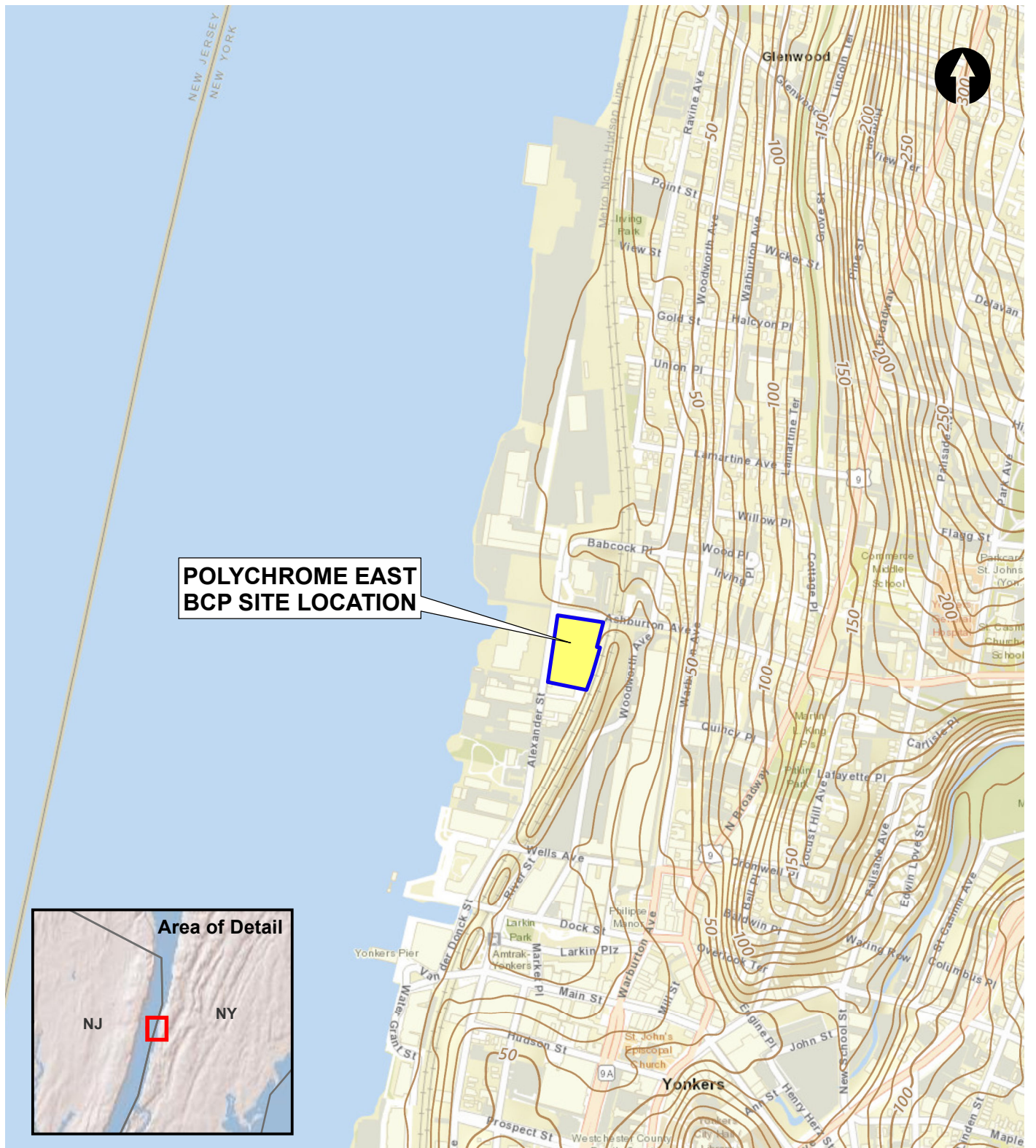


Patrick McHugh, P.E.
Environmental Engineer

Encl.: Figure 1 – Site Location Map
 Figure 2 – Site Plan with Reference Grid
 Figure 3 – NAPL Recovery & Groundwater Monitoring Well Location Plan
 Table 1 – Polychrome East Well Gauging Measurements
 Table 2 – Polychrome East DNAPL Recovery Totals
 Attachment A – Veolia & Eastern Manifests

cc (electronic copy only): Kevin Carpenter/Scott Deyette – NYSDEC
 Saria Waugh – NYSDOH
 Glen Moran/Christopher Reynolds/Jon Vogel/Michael Simpson – AVB
 Scott Caporizzo/Marc Godick/Steve Grens/Rebecca Kinal – AKRF

©2019 AKRF Q:\Projects\180132 - AVALONBAY YONKERS - BLD 3 - PCE\Technical\GIS and Graphics\Hazard\Fig_1 site loc map.mxd Fig_1 site loc map.mxd 12/19/2019 3:07:42 PM mveilleux



Service Layer Credits: ESRI Worldwide Street Map data, 2019.

Map Source - BCP Site Boundary from Paulus, Sokolowski and Sartor Architecture & Engineering, P.C.
 Stamped Survey Drawing Titled "Environmental Easement Area" - dated May 31, 2019.

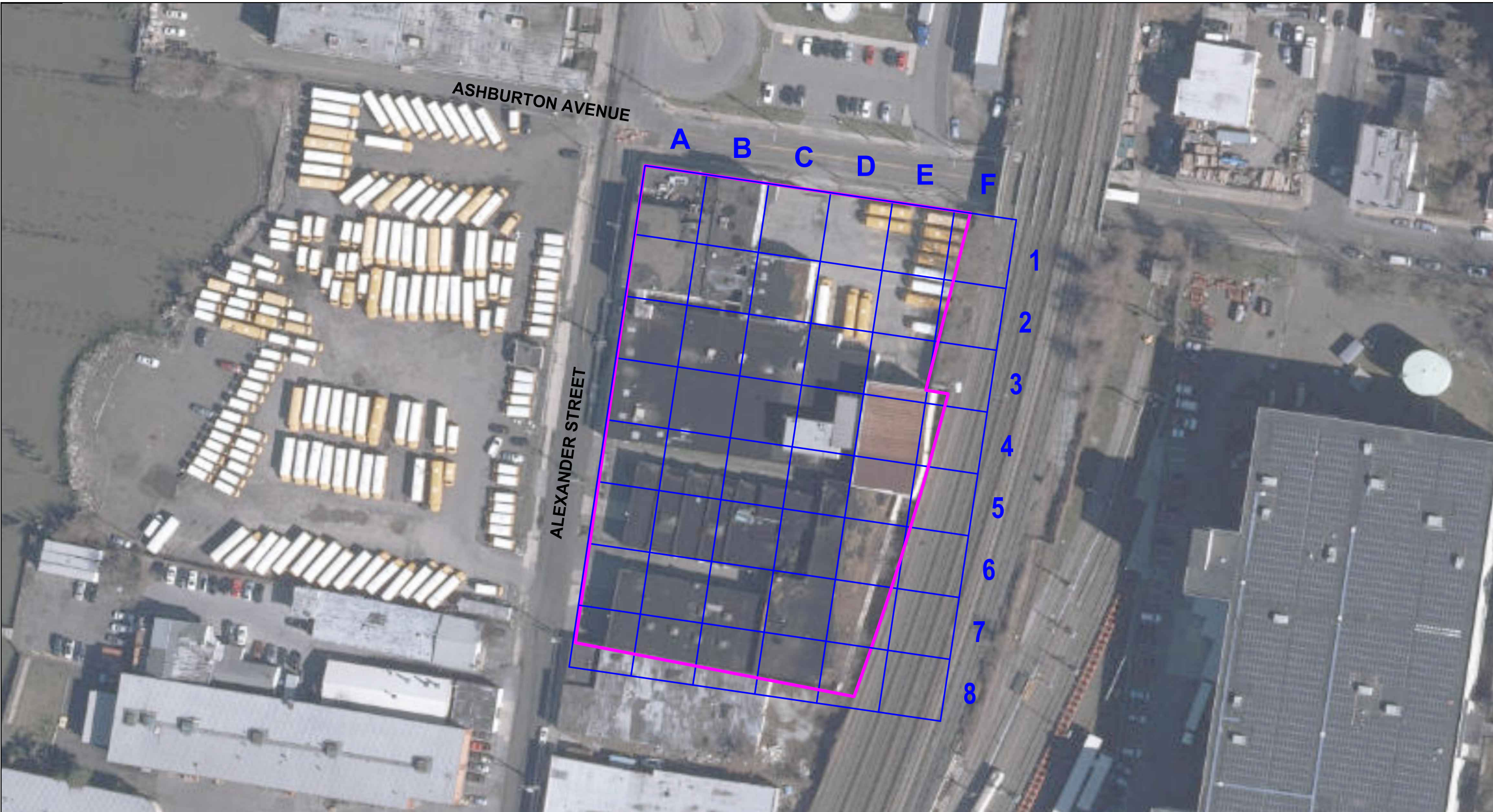


34 S. Broadway #401, White Plains, NY 10601


**Polychrome East
NYSDEC Site (BCP #C360098)
Yonkers, New York**

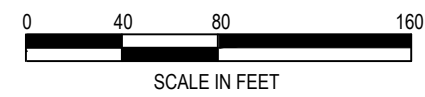
SITE LOCATION MAP

DATE	12/19/2019
PROJECT NO.	180132
FIGURE	1



LEGEND
 PROJECT SITE BOUNDARY

A
 ALPHANUMERIC GRID



Aerial Source:
 2014 New York Statewide Digital Orthoimagery.



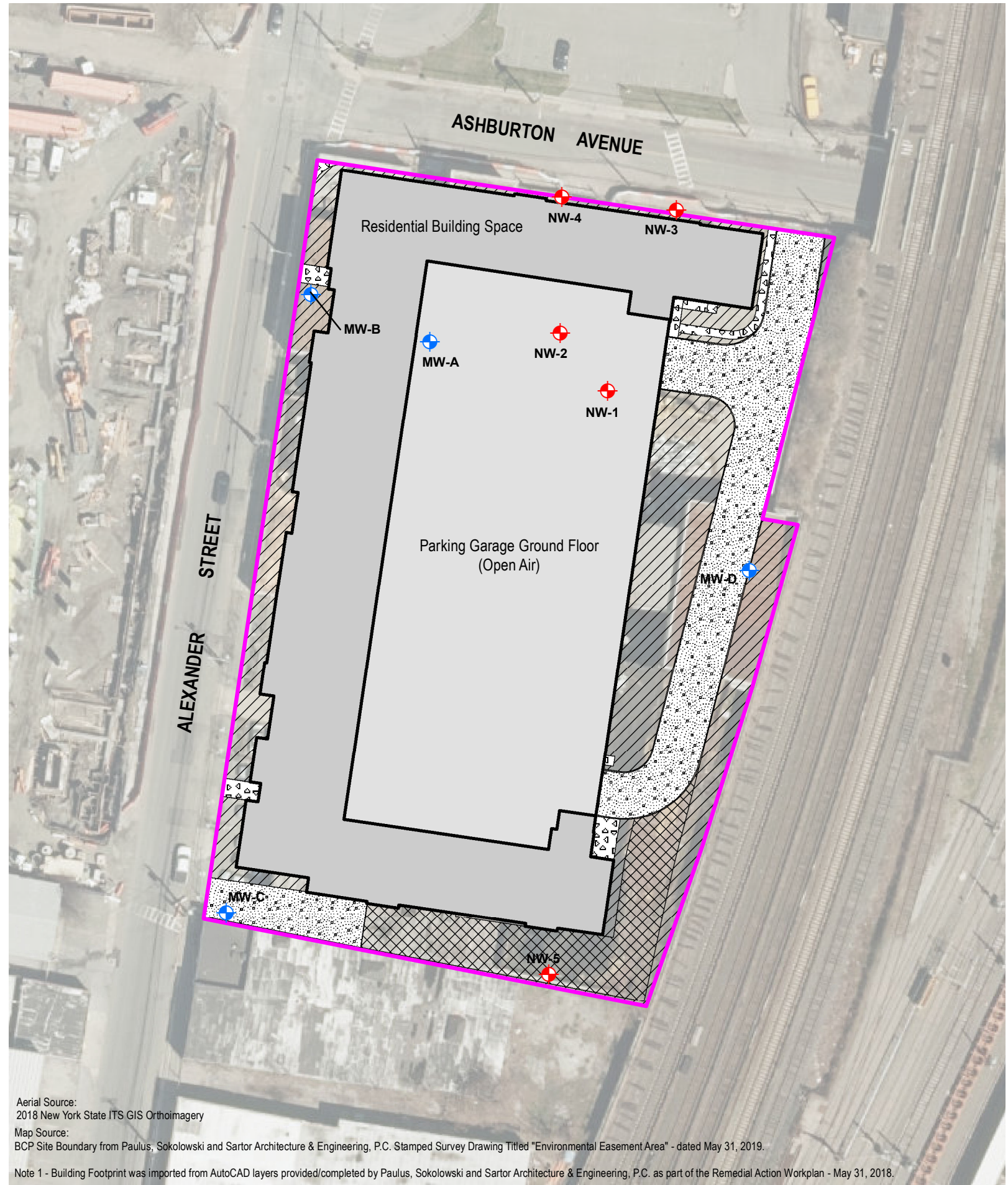
440 Park Avenue South, New York, NY 10016

C360098 - Polychrome East
 80-94 Alexander Street, Yonkers, New York

SITE PLAN WITH REFERENCE GRID

DATE	7/18/2018
PROJECT NO.	180132
FIGURE	2

©2019 AKRF, C:\Projects\180132 - AVALONBAY YONKERS - BLD 3 - PCE\Technical\GIS and Graphics\Hazmat\FER180132 Fig 7 NAPL Recovery and GW Wells.mxd 12/20/2019 8:37:10 AM mvelieux



Aerial Source:
2018 New York State ITS GIS Orthoimagery
Map Source:
BCP Site Boundary from Paulus, Sokolowski and Sartor Architecture & Engineering, P.C. Stamped Survey Drawing Titled "Environmental Easement Area" - dated May 31, 2019.
Note 1 - Building Footprint was imported from AutoCAD layers provided/completed by Paulus, Sokolowski and Sartor Architecture & Engineering, P.C. as part of the Remedial Action Workplan - May 31, 2018.

LEGEND

- BCP SITE BOUNDARY
- RESIDENTIAL BUILDING SPACE
- PARKING GARAGE (OPEN AIR)
- SIDEWALK
- GRASS PAVER
- ASPHALT
- LANDSCAPED
- NAPL RECOVERY WELL LOCATION
- GROUNDWATER MONITORING WELL LOCATION



Table 1
Polychrome East
Yonkers, NY
 Well Gauging Measurements

Well ID	Date:	Time:	Depth to LNAPL (FL)	Depth to Water (FL)	Depth to DNAPL (FL)	Total Depth (FL)	LNAPL Thickness (FL)	DNAPL Thickness (FL)	Comments
MW-A	10/7/2020	10:10	ND	9.92	ND	15.50	NA	NA	
	10/21/2020	7:35	ND	9.54	ND	15.45	NA	NA	
	11/4/2020	5:25	ND	9.53	ND	15.60	NA	NA	
	11/18/2020	8:10	ND	9.63	ND	16.12	NA	NA	
	12/1/2020	8:55	ND	9.43	ND	15.51	NA	NA	
	12/16/2020	7:30	ND	8.55	ND	15.48	NA	NA	
	12/29/2020	7:30	ND	9.58	ND	15.52	NA	NA	
	1/13/2021	8:15	ND	9.72	ND	15.56	NA	NA	
	1/27/2021	7:15	ND	9.93	ND	15.12	NA	NA	
	2/8/2021	7:30	ND	9.60	ND	15.50	NA	NA	
	2/24/2021	12:50	ND	9.47	ND	15.50	NA	NA	
	3/10/2021	9:00	ND	9.85	ND	15.56	NA	NA	
	3/24/2021	8:36	ND	9.92	ND	15.56	NA	NA	
	4/7/2021	7:45	ND	9.77	ND	15.50	NA	NA	
	4/21/2021	8:30	ND	9.65	ND	15.51	NA	NA	
	5/5/2021	9:10	ND	9.51	ND	15.46	NA	NA	
	5/17/2021	8:05	ND	9.69	ND	15.44	NA	NA	
MW-B	10/7/2020	9:50	ND	6.76	ND	16.62	NA	NA	
	10/21/2020	7:45	ND	6.00	ND	16.25	NA	NA	
	11/4/2020	5:30	ND	6.08	ND	16.33	NA	NA	
	11/18/2020	8:15	ND	6.17	ND	16.31	NA	NA	
	12/1/2020	9:00	ND	5.67	ND	16.29	NA	NA	
	12/16/2020	7:35	ND	6.09	ND	16.18	NA	NA	
	12/29/2020	7:35	ND	5.92	ND	16.23	NA	NA	
	1/13/2021	8:00	ND	6.14	ND	16.31	NA	NA	
	1/27/2021	7:20	ND	6.38	ND	16.34	NA	NA	
	2/8/2021	7:50	ND	6.32	ND	17.31	NA	NA	
	2/24/2021	7:15	ND	6.16	ND	16.29	NA	NA	
	3/10/2021	9:10	ND	6.24	ND	16.29	NA	NA	
	3/24/2021	8:32	ND	6.36	ND	16.19	NA	NA	
	4/7/2021	7:50	ND	6.10	ND	16.23	NA	NA	
	4/21/2021	8:35	ND	5.82	ND	16.23	NA	NA	
	5/5/2021	9:03	ND	5.62	ND	16.20	NA	NA	
	5/17/2021	8:10	ND	6.00	ND	16.19	NA	NA	
MW-C	10/7/2020	9:55	ND	6.91	ND	13.83	NA	NA	
	10/21/2020	7:55	ND	6.52	ND	13.84	NA	NA	
	11/4/2020	5:40	ND	6.45	ND	13.91	NA	NA	
	11/18/2020	8:25	ND	6.59	ND	14.19	NA	NA	
	12/1/2020	9:05	ND	6.31	ND	13.84	NA	NA	
	12/16/2020	7:40	ND	6.50	ND	13.85	NA	NA	
	12/29/2020	7:40	ND	6.27	ND	13.60	NA	NA	
	1/13/2021	8:05	ND	6.49	ND	13.71	NA	NA	
	1/27/2021	7:25	ND	6.70	ND	13.93	NA	NA	
	2/8/2021	8:00	ND	6.69	ND	13.86	NA	NA	
	2/24/2021	7:20	ND	6.58	ND	13.92	NA	NA	
	3/10/2021	9:15	ND	6.26	ND	13.88	NA	NA	
	3/24/2021	8:41	ND	6.78	ND	13.82	NA	NA	
	4/7/2021	7:55	ND	6.61	ND	13.82	NA	NA	
	4/21/2021	8:40	ND	6.31	ND	13.82	NA	NA	
	5/5/2021	9:05	ND	6.23	ND	13.84	NA	NA	
	5/17/2021	8:15	ND	6.45	ND	13.75	NA	NA	
MW-D	10/7/2020	10:05	ND	7.90	ND	15.60	NA	NA	
	10/21/2020	8:00	ND	7.71	ND	15.65	NA	NA	
	11/4/2020	5:45	ND	7.41	ND	15.69	NA	NA	
	11/18/2020	8:30	ND	7.41	ND	15.98	NA	NA	
	12/1/2020	9:10	ND	7.23	ND	15.72	NA	NA	
	12/16/2020	7:45	ND	7.17	ND	15.57	NA	NA	
	12/29/2020	7:45	ND	7.13	ND	15.60	NA	NA	
	1/13/2021	8:10	ND	7.40	ND	15.70	NA	NA	
	1/27/2021	7:30	ND	7.44	ND	15.62	NA	NA	
	2/8/2021	8:15	ND	7.72	ND	15.63	NA	NA	
	2/24/2021	7:30	ND	7.59	ND	15.59	NA	NA	
	3/10/2021	9:25	ND	7.23	ND	15.54	NA	NA	
	3/24/2021	8:29	ND	7.51	ND	15.53	NA	NA	
	4/7/2021	8:00	ND	7.35	ND	15.58	NA	NA	
	4/21/2021	8:45	ND	7.14	ND	15.59	NA	NA	
	5/5/2021	9:07	ND	7.19	ND	15.56	NA	NA	
	5/17/2021	8:20	ND	7.20	ND	15.54	NA	NA	
NW-1	10/7/2020	10:30	ND	9.30	ND	27.03	NA	NA	
	10/21/2020	8:35	ND	9.06	ND	27.08	NA	NA	
	11/4/2020	6:30	ND	8.90	ND	27.00	NA	NA	
	11/18/2020	10:15	ND	8.93	ND	28.22	NA	NA	
	12/1/2020	9:55	ND	8.70	ND	27.05	NA	NA	
	12/16/2020	8:50	ND	8.77	ND	26.89	NA	NA	
	12/29/2020	8:40	ND	8.59	ND	26.97	NA	NA	
	1/13/2021	8:25	ND	8.89	ND	26.98	NA	NA	
	1/27/2021	8:40	ND	8.95	ND	26.98	NA	NA	
	2/8/2021	9:35	ND	9.08	ND	27.02	NA	NA	
	2/24/2021	8:40	ND	8.98	ND	26.97	NA	NA	
	3/10/2021	9:50	ND	8.76	ND	27.04	NA	NA	
	3/24/2021	8:53	ND	8.92	ND	27.04	NA	NA	
	4/7/2021	8:05	ND	8.81	ND	27.82	NA	NA	
	4/21/2021	8:50	ND	8.43	ND	27.02	NA	NA	
	5/5/2021	9:12	ND	8.55	ND	26.96	NA	NA	
	5/17/2021	9:15	ND	8.61	ND	26.90	NA	NA	
NW-2	10/7/2020	10:55	ND	9.11	ND	24.62	NA	NA	
	10/21/2020	8:30	ND	9.01	ND	24.73	NA	NA	
	11/4/2020	6:40	ND	9.00	ND	24.77	NA	NA	
	11/18/2020	10:10	ND	9.06	ND	25.69	NA	NA	
	12/1/2020	9:50	ND	8.62	ND	24.82	NA	NA	
	12/16/2020	8:55	ND	8.86	ND	24.66	NA	NA	
	12/29/2020	8:45	ND	8.79	ND	24.68	NA	NA	
	1/13/2021	8:20	ND	9.93	ND	24.72	NA	NA	
	1/27/2021	8:45	ND	8.99	ND	24.66	NA	NA	
	2/8/2021	9:40	ND	9.24	ND	24.71	NA	NA	
	2/24/2021	8:50	ND	9.06	ND	24.56	NA	NA	
	3/10/2021	9:55	ND	8.98	ND	24.68	NA	NA	
	3/24/2021	8:50	ND	8.99	ND	24.62	NA	NA	
	4/7/2021	8:10	ND	8.87	ND	24.54	NA	NA	
	4/21/2021	8:55	ND	8.58	ND	24.61	NA	NA	
	5/5/2021	9:15	ND	8.59	ND	25.61	NA	NA	
	5/17/2021	9:10	ND	8.77	ND	24.54	NA	NA	

Table 1
Polychrome East
Yonkers, NY
Well Gauging Measurements

Well ID	Date:	Time:	Depth to LNAPL (Ft.)	Depth to Water (Ft.)	Depth to DNAPL (Ft.)	Total Depth (Ft.)	LNAPL Thickness (Ft.)	DNAPL Thickness (Ft.)	Comments
NW-3	10/7/2020	11:45	ND	6.30	16.01	18.58	NA	2.57	Pre-pumping measurement
	10/14/2020	8:00	ND	6.20	ND	18.40	NA	NA	Post-pumping measurement -4 -gallons removed
	10/21/2020	10:10	ND	6.26	15.04	18.63	NA	3.59	Pre-pumping measurement
	10/21/2020	12:45	ND	6.26	ND	18.63	NA	NA	Post-pumping measurement -5 -gallons removed
	1/14/2021	8:00	ND	6.30	16.55	18.72	NA	3.17	Pre-pumping measurement
	1/15/2021	8:15	ND	6.35	ND	18.74	NA	NA	Post-pumping measurement -4 -gallons removed
	11/18/2020	11:05	ND	7.42	16.14	18.96	NA	2.82	
	11/19/2020	7:45	ND	7.41	16.12	18.95	NA	2.83	Pre-pumping measurement
	11/19/2020	8:00	ND	7.43	ND	18.97	NA	NA	Post-pumping measurement -10 -gallons removed
	12/1/2020	10:30	ND	6.11	15.40	18.69	NA	3.29	Pre-pumping measurement
	12/2/2020	8:35	ND	6.09	ND	18.72	NA	NA	Post-pumping measurement -30 -gallons removed
	12/16/2020	10:30	ND	6.21	16.25	18.68	NA	2.43	Pre-pumping measurement
	12/18/2020	9:45	ND	6.40	ND	18.62	NA	NA	Post-pumping measurement -3 -gallons removed
	12/29/2020	10:30	ND	6.20	17.70	18.65	NA	0.95	
	12/30/2020	8:15	ND	6.19	17.70	18.65	NA	0.95	Pre-pumping measurement
	12/30/2020	8:45	ND	6.17	ND	18.65	NA	NA	Post-pumping measurement -3 -gallons removed
	1/13/2021	9:55	ND	6.18	15.21	18.65	NA	3.44	
	1/14/2021	7:40	ND	6.18	15.05	18.65	NA	3.60	Pre-pumping measurement
	1/14/2021	7:50	ND	6.54	ND	18.65	NA	NA	Post-pumping measurement -5 -gallons removed
	1/27/2021	10:25	ND	6.36	16.40	18.73	NA	2.33	
	1/28/2021	7:50	ND	6.60	16.40	18.73	NA	2.33	Pre-pumping measurement
	1/28/2021	7:55	ND	6.70	ND	18.73	NA	NA	Post-pumping measurement -4 -gallons removed
	2/8/2021	10:30	ND	6.35	16.91	18.60	NA	1.69	
	2/11/2021	9:45	ND	6.36	16.95	18.60	NA	1.65	Pre-pumping measurement
	2/11/2021	10:00	ND	6.40	ND	18.60	NA	NA	Post-pumping measurement -3 -gallons removed
	2/24/2021	10:00	ND	6.30	16.75	18.59	NA	1.84	
	2/25/2021	7:40	ND	6.32	16.75	18.59	NA	1.84	Pre-pumping measurement
	2/25/2021	7:45	ND	6.33	ND	18.60	NA	NA	Post-pumping measurement -3 -gallons removed
	3/10/2021	11:10	ND	6.26	16.42	18.70	NA	2.28	
	3/11/2021	7:55	ND	6.25	16.22	18.70	NA	2.28	Pre-pumping measurement
	3/11/2021	8:10	ND	6.26	ND	18.71	NA	NA	Post-pumping measurement -3 gallons removed
	3/24/2021	9:43	ND	6.28	17.55	18.60	NA	1.05	
	3/25/2021	8:20	ND	6.19	17.45	18.61	NA	1.16	Pre-pumping measurement
	3/25/2021	8:30	ND	6.18	ND	18.64	NA	NA	Post-pumping measurement -4 gallons removed
	4/7/2021	8:15	ND	6.22	17.74	18.69	NA	0.95	
	4/8/2021	6:50	ND	6.21	17.68	18.69	NA	NA	Pre-pumping measurement
	4/8/2021	7:44	ND	6.26	ND	18.65	NA	NA	Post-pumping measurement -6.5 gallons removed
	4/21/2021	9:00	ND	6.16	17.79	18.64	NA	0.85	
	4/22/2021	7:20	ND	6.18	17.40	18.64	NA	1.24	Pre-pumping measurement
	4/22/2021	7:40	ND	6.21	ND	18.64	NA	NA	Post-pumping measurement -9 gallons removed
	5/5/2021	10:20	ND	6.21	16.75	18.63	NA	1.88	
	5/6/2021	8:00	ND	6.22	17.81	18.63	NA	0.82	Pre-pumping measurement
	5/6/2021	8:45	ND	6.24	ND	18.64	NA	NA	Post-pumping measurement -9 gallons removed
	5/17/2021	10:10	ND	6.19	16.80	18.65	NA	1.85	
	5/20/2021	8:00	ND	6.20	16.77	18.64	NA	1.87	Pre-pumping measurement
	5/20/2021	8:20	ND	6.26	ND	18.68	NA	NA	Post-pumping measurement -5 gallons removed
	10/7/2020	11:35	ND	7.41	16.21	17.23	NA	1.02	Pre-pumping measurement
	10/14/2020	7:50	ND	7.33	ND	17.33	NA	NA	Post-pumping measurement -4 gallons removed
	10/21/2020	9:50	ND	7.27	17.15	17.26	NA	0.11	
	11/4/2020	7:45	ND	7.37	16.07	17.33	NA	1.26	Pre-pumping measurement
11/5/2020	8:00	ND	7.37	ND	17.35	NA	NA	Post-pumping measurement -2 gallons removed	
11/18/2020	10:55	ND	7.48	16.25	17.86	NA	1.61		
11/19/2020	8:15	ND	7.46	16.27	17.84	NA	1.57	Pre-pumping measurement	
11/19/2020	8:30	ND	7.48	ND	17.87	NA	NA	Post-pumping measurement -5 gallons removed	
12/1/2020	10:40	ND	7.17	16.65	17.30	NA	0.65	Pre-pumping measurement	
12/2/2020	8:05	ND	7.14	ND	17.32	NA	NA	Post-pumping measurement -5 gallons removed	
12/16/2020	10:50	ND	7.35	16.75	17.32	NA	0.57	Pre-pumping measurement	
12/18/2020	9:30	ND	7.40	ND	17.35	NA	NA	Post-pumping measurement -3 gallons removed	
12/29/2020	10:20	ND	7.31	16.30	17.35	NA	1.05		
12/30/2020	7:15	ND	7.28	16.29	17.35	NA	1.06	Pre-pumping measurement	
12/30/2020	7:45	ND	7.25	ND	17.36	NA	NA	Post-pumping measurement -5 gallons removed	
1/13/2021	9:50	ND	7.38	16.34	17.35	NA	1.01		
1/14/2021	7:15	ND	7.42	16.35	17.35	NA	1.00	Pre-pumping measurement	
1/14/2021	7:35	ND	7.91	ND	17.35	NA	NA	Post-pumping measurement -5 gallons removed	
1/27/2021	10:40	ND	7.55	16.25	17.45	NA	1.20		
1/28/2021	7:30	ND	7.60	16.25	17.45	NA	1.20	Pre-pumping measurement	
1/28/2021	7:45	ND	7.78	ND	17.45	NA	NA	Post-pumping measurement -4 gallons removed	
2/8/2021	10:50	ND	7.48	16.80	17.40	NA	0.60		
2/11/2021	9:30	ND	7.50	16.80	17.38	NA	0.58	Pre-pumping measurement	
2/11/2021	9:40	ND	7.60	ND	17.40	NA	NA	Post-pumping measurement -2 gallons removed	
2/24/2021	10:10	ND	7.46	16.68	17.39	NA	0.71		
2/25/2021	7:50	ND	7.46	16.65	17.39	NA	0.74	Pre-pumping measurement	
2/25/2021	7:55	ND	7.47	ND	17.40	NA	NA	Post-pumping measurement -2 gallons removed	
3/10/2021	11:20	ND	7.45	17.04	17.40	NA	0.36		
3/11/2021	7:30	ND	7.49	16.66	17.40	NA	0.74	Pre-pumping measurement	
3/11/2021	7:36	ND	7.55	ND	17.39	NA	NA	Post-pumping measurement -2 gallons removed	
3/24/2021	9:36	ND	7.48	17.21	17.41	NA	0.20		
3/25/2021	7:55	ND	7.39	17.18	17.38	NA	0.20	Pre-pumping measurement	
3/25/2021	8:10	ND	7.08	ND	17.39	NA	NA	Post-pumping measurement -2 gallons removed	
4/7/2021	8:20	ND	7.22	17.30	17.40	NA	0.10		
4/8/2021	6:45	ND	7.22	17.30	17.40	NA	0.10	Pre-pumping measurement	
4/8/2021	7:29	ND	7.31	ND	17.43	NA	NA	Post-pumping measurement -1.5 gallons removed	
4/21/2021	9:05	ND	7.14	17.29	17.40	NA	0.11		
4/22/2021	8:10	ND	7.17	17.11	17.40	NA	0.29	Pre-pumping measurement	
4/22/2021	8:15	ND	7.36	ND	17.39	NA	NA	Post-pumping measurement -3 gallons removed	
5/5/2021	10:25	ND	7.00	17.11	17.35	NA	0.24		
5/6/2021	7:45	ND	7.04	17.20	17.35	NA	0.15	Pre-pumping measurement	
5/6/2021	8:30	ND	7.08	ND	17.36	NA	NA	Post-pumping measurement -3 gallons removed	
5/17/2021	10:00	ND	7.08	16.82	17.29	NA	0.47		
5/20/2021	7:20	ND	7.11	16.82	17.29	NA	0.47	Pre-pumping measurement	
5/20/2021	7:40	ND	7.15	ND	17.33	NA	NA	Post-pumping measurement -3 gallons removed	
10/7/2020	10:20	ND	7.95	ND	10.55	NA	NA		
10/21/2020	8:40	ND	7.67	ND	10.50	NA	NA		
11/4/2020	6:50	ND	7.27	ND	10.62	NA	NA		
11/18/2020	6:50	NA	NA	NA	NA	NA	NA	Inaccessible due to siding staged over well.	
12/1/2020	9:45	NA	NA	NA	NA	NA	NA	Inaccessible due to siding staged over well.	
12/16/2020	8:30	NA	NA	NA	NA	NA	NA	Inaccessible due to siding staged over well.	
12/29/2020	8:50	NA	NA	NA	NA	NA	NA	Inaccessible due to siding staged over well.	
1/13/2021	10:00	NA	NA	NA	NA	NA	NA	Inaccessible due to siding staged over well.	
1/27/2021	8:35	ND	7.48	ND	10.70	NA	NA		
2/8/2021	9:50	ND	7.72	ND	10.57	NA	NA		
2/24/2021	8:30	ND	7.50	ND	10.56	NA	NA		
3/10/2021	9:40	ND	7.19	ND	10.55	NA	NA		
3/24/2021	8:45	ND	7.45	ND	10.46	NA	NA		
4/7/2021	8:25	ND	4.35	ND	10.49	NA	NA		
4/21/2021	9:10	ND	4.06	ND	10.51	NA	NA		
5/5/2021	9:19	ND	7.20	ND	10.42	NA	NA		
5/17/2021	9:05	ND	7.20	ND	10.42	NA	NA		

Notes: Pre/post pumping event readings are bolded.
LNAPL - Light Non-Aqueous Phase Liquid
DNAPL - Dense Non-Aqueous Phase Liquid
NA - Not Applicable

Table 2
Polychrome East
Yonkers, NY
DNAPL Recovery Totals

Recovery Event	DNAPL Recovered Volume (gal)						Disposal Info		
	NW-1	NW-2	NW-3	NW-4	NW-5	Event Total	Date Generated	Off-Site Disposal Date	Disposal Location
Dec-19	NA	NA	1.5	7	NA	8.5	12/31/2019	2/21/2020	Veolia ES
2020 Total	NA	NA	149.5	121.5	NA	271	1/9/2020 – 12/30/2020	2/21/2020 – 2/11/2021	Veolia ES
Jan-21	NA	NA	9	9	NA	18	1/14, 1/28	2/11/2021	Veolia ES
Feb-21	NA	NA	6	4	NA	10	2/11, 2/25	5/3/2021	Veolia ES
Mar-21	NA	NA	7	4	NA	11	3/11, 3/25	5/3/2021	Veolia ES
Apr-21	NA	NA	15.5	4.5	NA	20	3/11, 3/25	5/3/2021	Veolia ES
May-21	NA	NA	14	6	NA	20	5/6, 5/20	Pending	Veolia ES
TOTAL TO DATE:						358.5	gallons		

Notes: * On May 3, 2021, Veolia ES disposed of 10 gallons of DNAPL generated at NW-3 and NW-4 on February 11 and 25, 2021, 11 gallons of DNAPL that were generated at NW-3 and NW-4 on March 11 and 25, 2021, and 20 gallons of DNAPL that were generated at NW-3 and NW-4 on April 8 and 22, 2021. The 20 gallons of DNAPL that were generated on May 6 and 20, 2021 are currently pending off-site disposal.

DNAPL - Dense Non-Aqueous Phase Liquid

NA - Not Applicable

ATTACHMENT A – VEOLIA & EASTERN MANIFESTS

65

UNIFORM HAZARDOUS WASTE MANIFEST

Form Approved OMB No. 2060-0039

Please print or type.

1. Generator ID Number: **NY000247510**
 2. Page 1 of 1
 3. Emergency Response Phone: **9071 818-0987**
 4. Manifest Tracking Number: **901839890 VES**

5. Generator's Name and Mailing Address:
AVALON SUN SITES LLC
1409 POST ROAD
FAIRFIELD CT 06824
 Generator's Phone: **203 415-2300**
 Generator's Site Address (if different than mailing address):
80-84 ALEXANDER STREET
POLYCHROME EAST
YONKERS, NY 10701

6. Transporter 1 Company Name: **VEOLIA ES TECHNICAL SOLUTIONS**
 U.S. EPA ID Number: **N12980931369**

7. Transporter 2 Company Name: _____
 U.S. EPA ID Number: _____

8. Designated Facility Name and Site Address:
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
PLANDERS, NJ 07836
 Facility's Phone: **973 349-7111**
 U.S. EPA ID Number: **N12980931369**

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1	UN1993 WASTE FLAMMABLE LIQUIDS, n.o.s. (BENZENE, COAL TARS, S, H)	1	DM	400	P	D001	B
2							
3							
4							

14. Special Handling Instructions and Additional Information: **ER Service Contracted by VESTS - Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf.**

15. GENERATOR'S/OFFICER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name: **X Jon LaRiviere**
 Signature: *[Signature]*
 Month Day Year: **04 03 21**

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **Michael L Smith**
 Signature: *[Signature]*
 Month Day Year: **05 03 21**
 Transporter 2 Printed/Typed Name: _____
 Signature: _____
 Month Day Year: _____

18. Discrepancy
 18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
 Manifest Reference Number: _____ U.S. EPA ID Number: _____

18b. Alternate Facility (or Generator)
 Facility's Phone: _____
 18c. Signature of Alternate Facility (or Generator): _____
 Month Day Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
 1. **Hwy** 2. _____ 3. _____ 4. _____

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a
 Printed/Typed Name: **Eric Stone**
 Signature: *[Signature]*
 Month Day Year: **05 03 21**

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone

4. Waste Tracking Number

Generator's Site Address (if different than mailing address)

5. Generator's Name and Mailing Address

Avalon
94 Alexander St.
Yonkers, NY

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number:

Eastern Environmental Solutions, Inc.

NYR 000135624

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Cleanwater of New York
3249 Richmond Terrace
State Island, NY

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit: Wt/Vol.

No. Type

1. Non Hazardous, Non RCRA Solids

002 DM

0200

P

2.

3.

4.

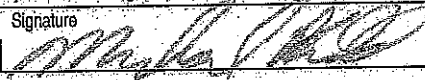
13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

on behalf of
Mike Kidd

Signature



Month Day Year

05 20 21

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

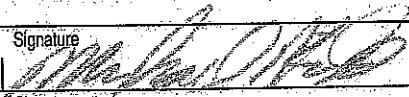
Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Mike Kidd



Month Day Year

05 20 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

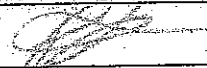
Month Day Year

18. Designated Facility Owner or Operator, Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Phil [Signature]

Signature



Month Day Year

08 09 21

TRANSPORTER #1