



***Environmental, Planning, and Engineering Consultants***

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September 15, 2021

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

Re: Progress Report – August 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 August 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 August 2021 reporting period.
- On August 11, 12, 23, and 24, 2021, handheld equipment was used to monitor volatile organic compounds (VOCs), oxygen, and hydrogen sulfide (H<sub>2</sub>S) 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 H<sub>2</sub>S exceedances were recorded during the DNAPL removal activities.

**Site Activities:**

- During the month of August 2021, no on-Site excavation activities below the final cover system occurred.
- On August 11 and 23, 2021, DNAPL gauging was conducted at NW-1, NW-2, NW-3, NW-4, and NW-5. Gauging of groundwater monitoring wells MW-A, MW-B, MW-C and MW-D will be performed during the annual groundwater sampling event in December 2021. DNAPL recovery wells are equipped with 3-foot sumps. DNAPL was detected during the July 2021 monitoring events in NW-3 and NW-4 as summarized below and detailed in the attached Table 1.

Recovery Well ID	DNAPL Thickness 8/11/21 (feet)	DNAPL Thickness 8/23/21 (feet)
NW-3	2.06	1.31
NW-4	0.43	0.58

Note: Measured DNAPL thicknesses are estimated.

- On August 11, 2021, Veolia Environmental Services (VES) picked up one drum of DNAPL generated during the May through July 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 August 12 and 24, 2021, AKRF performed oversight during DNAPL removal, which was completed by Eastern Environmental of Manorville, New York (Eastern). Measurable DNAPL was removed from recovery well NW-3 (~6.4 gallons total) utilizing a vacuum truck to apply vacuum on an internal 1-inch pipe within the recovery well. DNAPL was removed at NW-4 (~2.2 gallons) on August 24, 2021 only as less than 0.5 feet of measurable DNAPL was detected during the August 11, 2021, gauging event (i.e., no DNAPL recovery required). 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.
- A total of approximately 8.6 gallons of DNAPL were recovered during the reporting period. Since DNAPL removal activities began in December 2019, a total of 395.3 gallons of DNAPL have been removed. DNAPL recovery totals are summarized in Table 2.

The following work is planned for September 2021:

- AKRF anticipates completing DNAPL gauging and removal in September 2021 using the same methods as described above while long-term trends and alternate recovery methods are evaluated;
- Quarterly SSDS inspection;
- General site work above the Site-Wide Cover System;
- 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.

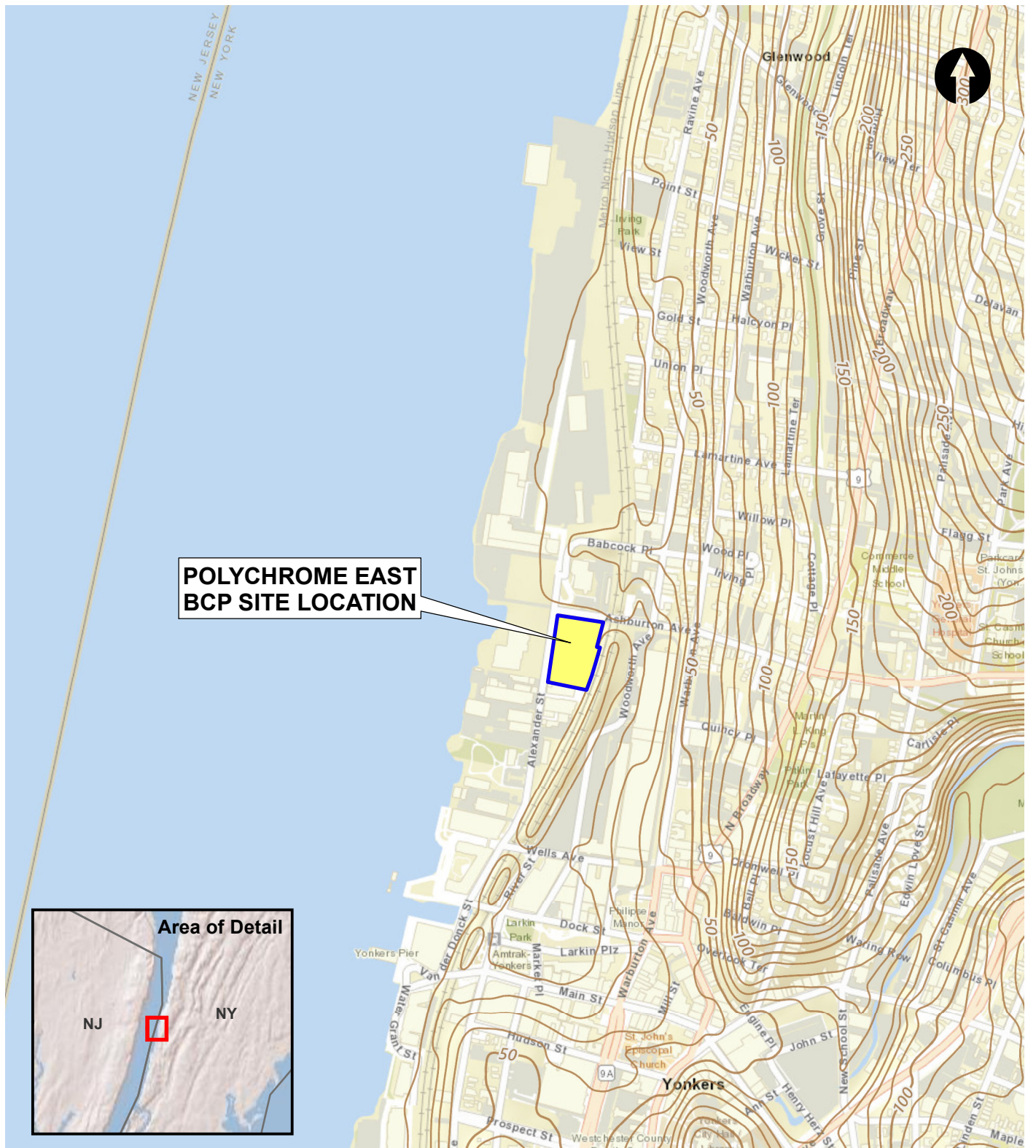


Patrick McHugh, P.E.  
Environmental Engineer

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 Manifest

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\Hazmat\FER180132\_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

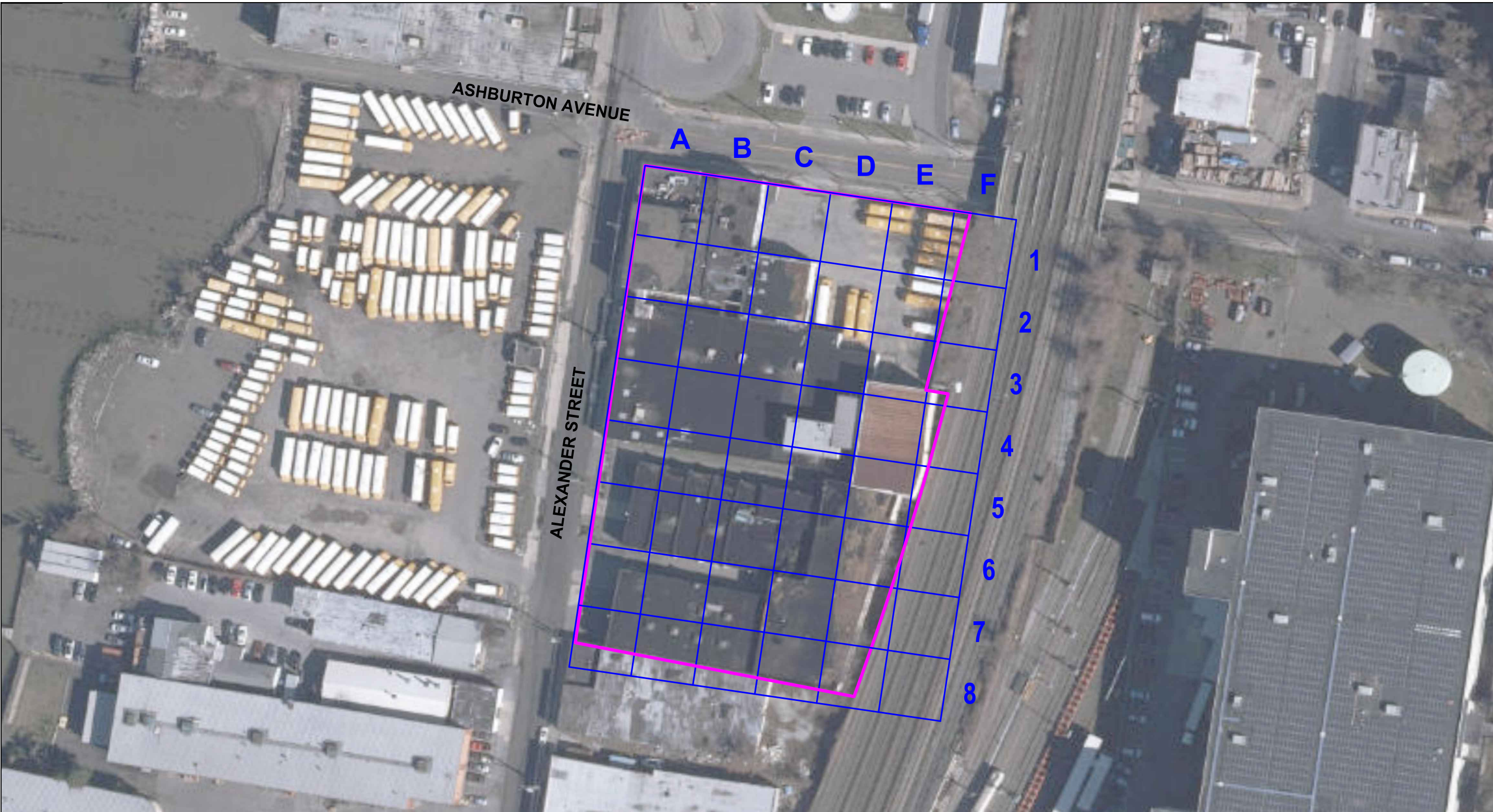
**Polychrome East  
NYSDEC Site (BCP #C360098)  
Yonkers, New York**

**SITE LOCATION MAP**

DATE	<b>12/19/2019</b>
PROJECT NO.	<b>180132</b>
FIGURE	<b>1</b>



©2018 AKRF, Inc Q:\Projects\180132 - AVALONBAY YONKERS - BLD 3 - PCE\Technical\Hazard\Polychrome East\CAD\180132 Fig 2 WC Grid (Polychrome East).dwg last save: mvilleux 7/18/2018 9:36 AM



Aerial Source:  
2014 New York Statewide Digital Orthoimagery.

**LEGEND**

 PROJECT SITE BOUNDARY

 ALPHANUMERIC GRID



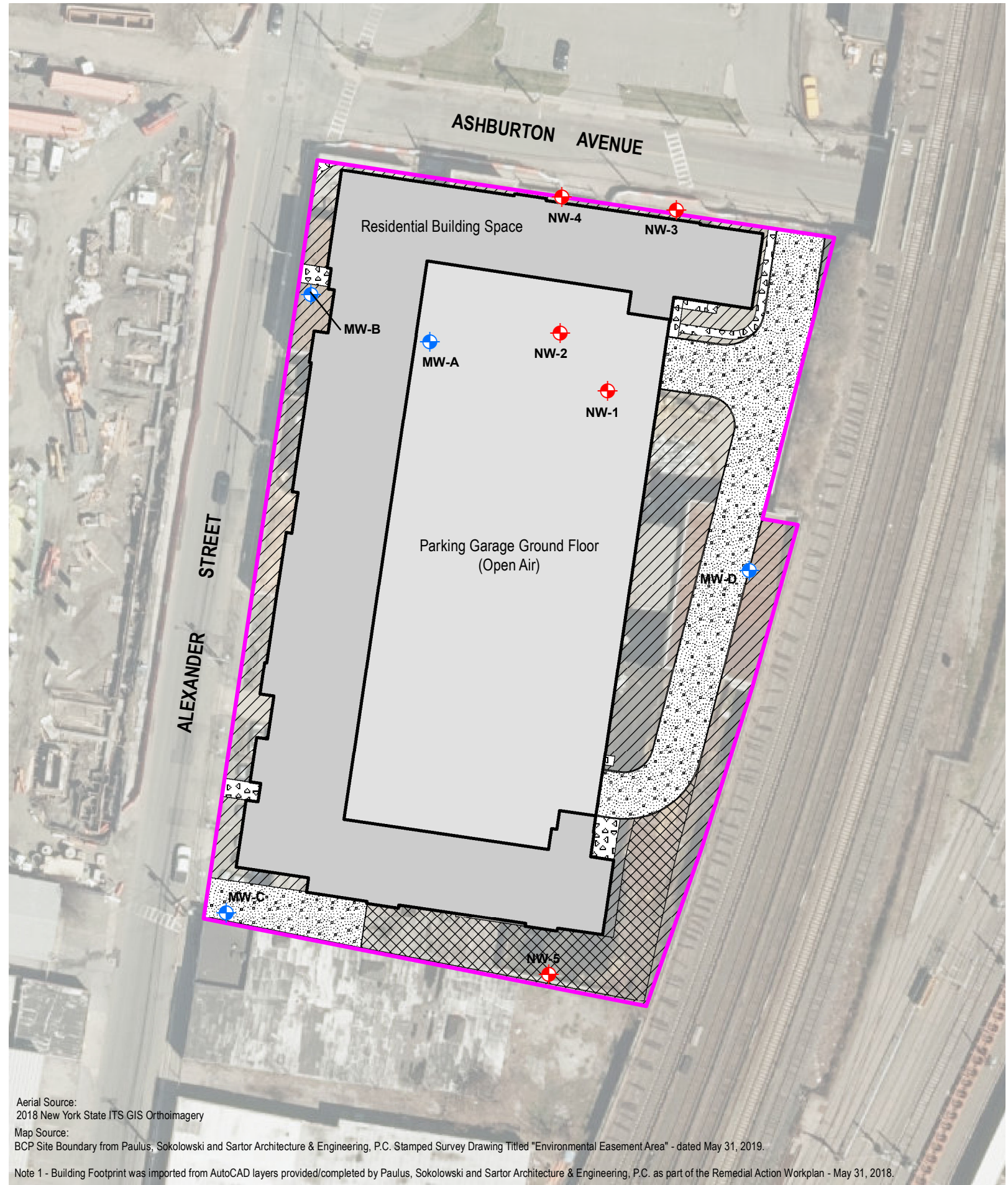
440 Park Avenue South, New York, NY 10016

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

**SITE PLAN WITH REFERENCE GRID**

DATE	<b>7/18/2018</b>
PROJECT NO.	<b>180132</b>
FIGURE	<b>2</b>





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



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

**NAPL RECOVERY AND GROUNDWATER MONITORING WELLS**

DATE	12/20/2019
PROJECT NO.	180132
FIGURE	3

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	
	6/2/2021	8:37	ND	9.48	ND	15.46	NA	NA	
	6/16/2021	9:19	ND	9.37	ND	15.58	NA	NA	
	6/30/2021	8:10	ND	9.63	ND	15.55	NA	NA	
7/14/2021	7:47	ND	8.80	ND	15.57	NA	NA		
7/27/2021	7:38	ND	8.45	ND	15.48	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	
	6/2/2021	8:42	ND	5.44	ND	16.19	NA	NA	
	6/16/2021	9:10	ND	5.35	ND	16.32	NA	NA	
	6/30/2021	7:55	ND	5.73	ND	16.38	NA	NA	
7/14/2021	7:35	ND	4.79	ND	16.26	NA	NA		
7/27/2021	7:30	ND	4.54	ND	16.29	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	
	6/2/2021	8:47	ND	6.01	ND	13.78	NA	NA	
	6/16/2021	9:03	ND	5.79	ND	13.91	NA	NA	
	6/30/2021	8:00	ND	6.15	ND	13.89	NA	NA	
7/14/2021	7:40	ND	5.39	ND	13.91	NA	NA		
7/27/2021	7:33	ND	5.48	ND	13.90	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	15.89	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	
	6/2/2021	8:53	ND	6.94	ND	15.56	NA	NA	
	6/16/2021	9:14	ND	6.54	ND	15.64	NA	NA	
	6/30/2021	8:05	ND	7.07	ND	15.66	NA	NA	
7/14/2021	7:43	ND	6.06	ND	15.56	NA	NA		
7/27/2021	7:35	ND	6.41	ND	15.56	NA	NA		

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
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	27.62	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	
	6/2/2021	9:04	ND	8.16	ND	26.91	NA	NA	
	6/16/2021	9:19	ND	8.02	ND	27.19	NA	NA	
	6/30/2021	9:16	ND	8.39	ND	26.99	NA	NA	
	7/14/2021	8:35	ND	7.54	ND	26.97	NA	NA	
	7/27/2021	7:43	ND	7.51	ND	26.85	NA	NA	
	8/11/2021	10:50	ND	8.19	ND	26.97	NA	NA	
	8/23/2021	9:25	ND	6.93	ND	27.02	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	
	6/2/2021	9:04	ND	8.44	ND	24.53	NA	NA	
	6/16/2021	9:25	ND	8.19	ND	24.66	NA	NA	
	6/30/2021	9:12	ND	8.50	ND	24.63	NA	NA	
	7/14/2021	8:40	ND	7.66	ND	24.57	NA	NA	
	7/27/2021	7:41	ND	7.76	ND	24.57	NA	NA	
	8/11/2021	10:55	ND	8.38	ND	24.68	NA	NA	
	8/23/2021	9:20	ND	7.74	ND	24.59	NA	NA	
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	Post-pumping measurement
	10/21/2020	12:45	ND	6.26	ND	18.63	NA	NA	Post-pumping measurement -5 -gallons removed
	11/4/2020	8:00	ND	6.30	15.55	18.72	NA	3.17	Pre-pumping measurement
	11/5/2020	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	Pre-pumping measurement
	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
	3/1/2021	11:10	ND	6.26	16.42	18.70	NA	2.28	
	3/1/2021	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
	6/2/2021	10:10	ND	6.03	16.31	18.64	NA	2.33	
	6/3/2021	7:45	ND	6.00	16.30	18.64	NA	2.34	Pre-pumping measurement
6/3/2021	8:00	ND	6.06	ND	18.64	NA	NA	Post-pumping measurement -5.5 gallons removed	
6/16/2021	10:15	ND	6.00	16.51	18.71	NA	2.20		
6/17/2021	7:15	ND	6.02	16.50	18.67	NA	2.17	Pre-pumping measurement	
6/17/2021	7:55	ND	6.05	ND	18.67	NA	NA	Post-pumping measurement -1.5 gallons removed	
6/30/2021	10:25	ND	6.15	17.10	18.72	NA	1.62		
7/1/2021	7:25	ND	6.15	17.10	18.72	NA	1.62	Pre-pumping measurement	
7/1/2021	7:30	ND	6.18	ND	18.72	NA	NA	Post-pumping measurement -3.4 gallons removed	
7/14/2021	10:00	ND	5.73	17.29	18.73	NA	1.44		
7/15/2021	8:15	ND	6.05	17.30	18.71	NA	1.41	Pre-pumping measurement	
7/15/2021	8:45	ND	6.15	ND	18.71	NA	NA	Post-pumping measurement -4.25 gallons removed	
7/27/2021	9:50	ND	5.76	17.30	18.68	NA	1.38		
7/29/2021	7:20	ND	6.14	17.30	18.68	NA	1.38	Pre-pumping measurement	
7/29/2021	7:35	ND	6.23	ND	18.68	NA	NA	Post-pumping measurement -5.95 gallons removed	
8/11/2021	12:10	ND	6.25	16.65	18.71	NA	2.06		
8/12/2021	7:45	ND	6.23	16.65	18.71	NA	2.06	Pre-pumping measurement	
8/12/2021	7:55	ND	6.25	ND	18.71	NA	NA	Post-pumping measurement -5.1 gallons removed	
8/23/2021	11:50	ND	5.58	17.40	18.71	NA	1.31		
8/24/2021	7:45	ND	5.80	17.40	18.71	NA	1.31	Pre-pumping measurement	
8/24/2021	7:55	ND	5.82	ND	18.71	NA	NA	Post-pumping measurement -1.3 gallons removed	



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
NW-4	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	0.38	
	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
	6/2/2021	9:55	ND	6.85	16.80	17.29	NA	0.49	
	6/3/2021	7:15	ND	6.83	16.81	17.29	NA	0.48	Pre-pumping measurement
	6/3/2021	7:25	ND	6.88	ND	17.30	NA	NA	Post-pumping measurement -2.5 gallons removed
	6/16/2021	10:05	ND	6.91	17.04	17.29	NA	0.25	
	6/30/2021	10:15	ND	6.99	17.35	17.42	NA	0.07	
7/14/2021	10:15	ND	6.63	16.80	17.42	NA	0.62		
7/15/2021	7:45	ND	6.92	16.80	17.42	NA	0.62	Pre-pumping measurement	
7/15/2021	8:00	ND	6.71	ND	17.42	NA	NA	Post-pumping measurement -5.1 gallons removed	
7/27/2021	10:00	ND	5.80	17.20	17.41	NA	0.21		
8/11/2021	12:00	ND	6.96	17.00	17.43	NA	0.43		
8/23/2021	11:20	ND	5.96	16.90	17.48	NA	0.58		
8/24/2021	7:20	ND	6.49	16.90	17.48	NA	0.58	Pre-pumping measurement	
8/24/2021	7:35	ND	6.51	ND	17.48	NA	NA	Post-pumping measurement -2.2 gallons removed	
NW-5	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	
	6/2/2021	8:53	ND	6.73	ND	10.44	NA	NA	
6/16/2021	9:31	ND	6.45	ND	10.40	NA	NA		
6/30/2021	8:45	ND	7.10	ND	10.55	NA	NA		
7/15/2021	8:30	ND	5.84	ND	10.56	NA	NA		
7/27/2021	8:07	ND	6.33	ND	10.38	NA	NA		
8/11/2021	10:45	ND	6.97	ND	10.59	NA	NA		
8/23/2021	9:15	ND	5.35	ND	10.44	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
<b>Dec-19</b>	NA	NA	1.5	7	NA	8.5	12/31/2019	2/21/2020	Veolia ES
<b>2020 Total</b>	NA	NA	149.5	121.5	NA	271	1/9/2020 – 12/30/2020	2/21/2020 – 2/11/2021	Veolia ES
<b>Jan-21</b>	NA	NA	9	9	NA	18	1/14, 1/28	2/11/2021	Veolia ES
<b>Feb-21</b>	NA	NA	6	4	NA	10	2/11, 2/25	5/3/2021	Veolia ES
<b>Mar-21</b>	NA	NA	7	4	NA	11	3/11, 3/25	5/3/2021	Veolia ES
<b>Apr-21</b>	NA	NA	15.5	4.5	NA	20	3/11, 3/25	5/3/2021	Veolia ES
<b>May-21</b>	NA	NA	14	6	NA	20	5/6, 5/20	8/11/2021	Veolia ES
<b>Jun-21</b>	NA	NA	7	2.5	NA	9.5	6/2, 6/17	8/11/2021	Veolia ES
<b>Jul-21</b>	NA	NA	13.6	5.1	NA	18.7	7/1, 7/15, 7/29	8/11/2021	Veolia ES
<b>Aug-21</b>	NA	NA	6.4	2.2	NA	8.6	8/11/2021, 8/24/21	Pending	Veolia ES
<b>TOTAL TO DATE:</b>						<b>395.3</b>	gallons		
<b>Notes:</b>	<p>* On August 11, 2021, Veolia ES disposed of 20 gallons of DNAPL that were generated on May 6 and 20, 2021, 9.5 gallons of DNAPL that were generated on June 3 and 17, 2021, and 18.7 gallons of DNAPL that were generated on July 1, 15, and 29, 2021. The 8.6 gallons that were generated on August 12 and 24, 2021 are currently pending off-site disposal.</p> <p>DNAPL - Dense Non-Aqueous Phase Liquid  NA - Not Applicable</p>								

**ATTACHMENT A – VEOLIA MANIFEST**





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Please print or type.

Form Approved, OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number NYR000247510	2. Page 1 of 1	3. Emergency Response Phone (877) 815-0087	4. Manifest Tracking Number 001885967 VES		
5. Generator's Name and Mailing Address AVALON SUN SITES LLC. 1499 POST ROAD FAIRFIELD, CT 06824 Generator's Phone: 203-415-2300				Generator's Site Address (if different than mailing address) 80-94 ALEXANDER STREET POLYCHROME EAST YONKERS, NY 10701			
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS					U.S. EPA ID Number NJ D 0 8 0 6 3 1 3 6 9		
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 FLANDERS, NJ 07836					U.S. EPA ID Number NJ D 9 8 0 5 3 6 3 9 3		
Facility's Phone: 973-347-7111							
9a. HW	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				
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (BENZENE, COAL TAR), 3, II	1	DM	400	P	D001	B
	2.					D018	
	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/OFFEROR'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/packaged, 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(g) (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 Suzanne Gestone					Signature <i>Suzanne Gestone</i>		Month Day Year 10 21 12
16. Int'l. or equal Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S. _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Brian Daire					Signature <i>B. Daire</i>		Month Day Year 8 11 12
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____ U.S. EPA ID Number _____		
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. <i>A144</i>		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					Signature <i>Eric</i>		Month Day Year 8 11 12