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May 16, 2021

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

Re: Progress Report – April 2021
Polychrome West Site
City of Yonkers, Westchester County
NYSDEC BCP Site No. C360099

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 West site [Brownfield Cleanup Program (BCP) Site No. C360099] located at 137-145 Alexander Street, Yonkers, New York (the Site) during the month of April 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 April 2021.
- On April 7, 8, 21, and 22, 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 April 2021, no on-Site excavation activities below the final cover system occurred.
- On April 7 and 21, 2021, DNAPL gauging was conducted at NW-5, NW-6, NW-8, NW-10, and NW-11, and monthly groundwater gauging was conducted at MW-A, MW-B, MW-C, MW-D, MW-E, NW-1, NW-3, NW-5, NW-6, NW-8, NW-9, NW-10, NW-10S, NW-11, and NW-12. DNAPL recovery wells are equipped with 3-foot sumps. DNAPL was detected during the April 2021 monitoring events in NW-5, NW-6, NW-8, NW-10, and NW-11, as summarized below and detailed in the attached Table 1.

Recovery Well ID	DNAPL Thickness 4/7/2021 (feet)	DNAPL Thickness 4/21/2021 (feet)
NW-5	8.42	8.92
NW-6	4.90	5.28
NW-8	0.67	0.50
NW-10	4.41	3.30
NW-11	0.36	0.36

Note: Measured DNAPL thicknesses are estimated.

- On April 7 and 21, 2021, AKRF performed DNAPL removal activities with a 2-inch submersible pump and dedicated tubing at recovery wells NW-8 (~2 gallon total) and NW-10 (~7 gallons total). The recovered DNAPL was containerized in a Department of Transportation (DOT)-approved 55-gallon drum, labeled as hazardous waste, and staged on the PW Site in Grid Cell B1 (see Figure 2).
- On April 8, 2021, AKRF performed oversight during additional DNAPL removal at NW-5, which was completed by Eastern Environmental of Manorville, New York (Eastern). A total of 330 gallons of DNAPL/groundwater mix was removed from recovery well NW-5 utilizing a vacuum truck to apply vacuum on the internal 1-inch pipe. During DNAPL removal, pumping was stopped after approximately 30 minutes due to the high volume of water observed in the vacuum hose sight glass, which indicated a potential breach/crack(s) in the internal 1-inch pipe. Note that typically pumping at NW-5 can take multiple hours due to the high viscosity of the DNAPL coal tar. On April 22, 2021, the 1-inch internal pipe was removed from NW-5 for inspection and both corrosion and pitting (holes) were observed on the pipe above the well sump (refer to Attachment A). Due to the damage observed, no DNAPL recovery was attempted on April 22, 2021, and the 1-inch internal pipe will be repaired/reinstalled in NW-5 during the next DNAPL pumping event (May 2021). The recovered DNAPL/groundwater mix was containerized in a DOT-approved 55-gallon drum, labeled as hazardous waste, and staged on-Site in Grid Cell B1 (see Figure 2) for off-site disposal at an appropriate receiving facility.
- On April 8 and 21, 2021, AKRF performed oversight during additional DNAPL removal at NW-6, which was completed by Eastern. A total of 35 gallons of DNAPL was removed from recovery well NW-6 between the two events 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 DOT-approved 55-gallon drum, labeled as hazardous waste, and staged on-Site in Grid Cell B1 (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 April 9, 2021, AKRF performed a quarterly inspection of the on-Site sub-slab depressurization system (SSDS). Applied vacuum and flow rate readings on each SSDS riser and induced sub-slab vacuum readings at the SSDS monitoring points were all within acceptable ranges. The quarterly SSDS inspection report will be submitted to NYSDEC as a component of the Period Review Report (PRR) for 2021.
- On April 20, 2021, Veolia Environmental Services (VES) picked up five drums of DNAPL generated during the 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 B and will be included in the PRR for 2021.
- On April 22, 2021, Eastern removed one drum of used personal protective equipment (PPE) and oily debris generated during previous DNAPL recovery events. The drum was disposed of at Clean Waters of New York in Staten Island, New York. The non-hazardous waste manifest is included in Attachment B and will be included in the PRR for 2021.

- On April 23, 2021, Brookside Environmental of Copiague, New York (Brookside) picked up one drum of decontamination wash water generated during previous DNAPL recovery events. The drum was disposed of at Clean Waters of New York in Staten Island, New York. The non-hazardous waste manifest is included in Attachment B and will be included in the PRR for 2021.
- A total of approximately 374 gallons of DNAPL were recovered during the reporting period and a total of 533 gallons of DNAPL have been recovered year to date; however, it should be noted that the 330 gallons removed from NW-5 on April 8, 2021 consisted of mostly water with minimal DNAPL. Since DNAPL removal activities began in January 2020, a total of 1,039 gallons of DNAPL have been removed, transported, and disposed of. DNAPL recovery totals are summarized in Table 2.
- AKRF anticipates to complete DNAPL gauging and removal in May 2021 using the same methods as described above while long-term trends and alternate recovery methods are evaluated.

The following work is planned for May 2021:

- Reinstallation of the repaired internal 1-inch pipe at NW-5;
- NAPL recovery well monitoring and NAPL recovery at a frequency of once every two weeks; and
- Disposal, as needed, of recovered DNAPL (i.e., coal tar) and used PPE/field supplies.

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

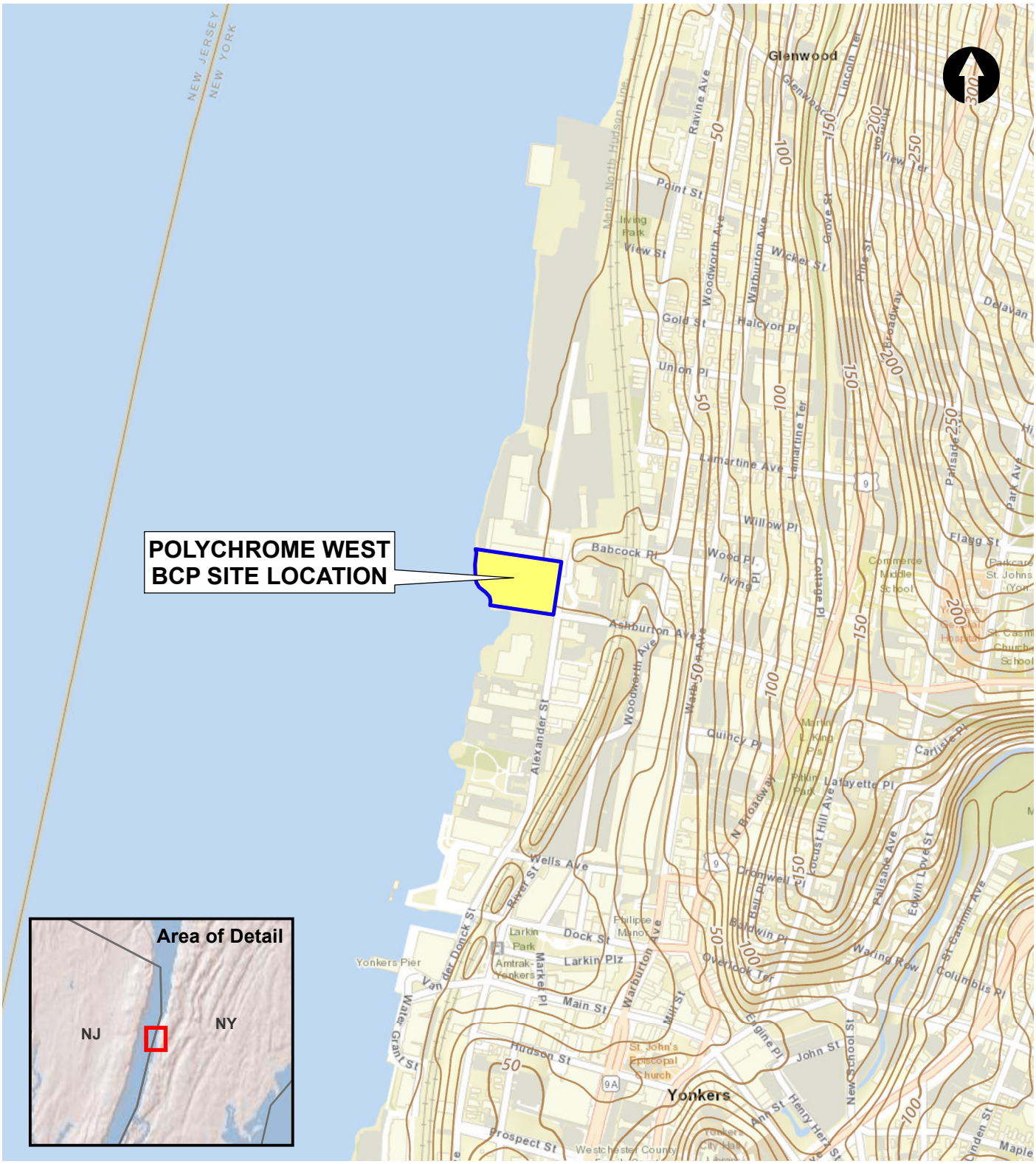
Sincerely,
AKRF, Inc.

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 West Well Gauging Table
Table 2 – Polychrome West DNAPL Recovery Totals
Attachment A – Photolog
Attachment B – Veolia, Eastern, & Brookside Manifests

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

ATTACHMENTS



Service Layer Credits: ESRI Worlwide 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.

0 800 1,600

SCALE IN FEET

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

Polychrome West
NYSDEC Site (BCP #C360099)
Yonkers, New York

SITE LOCATION MAP

DATE
12/19/2019

PROJECT NO.
180017

FIGURE
1

LEGEND

PROJECT SITE BOUNDARY

A
1
ALPHANUMERIC GRID

0 40 80 160
SCALE IN FEET

Aerial Source:
2014 New York Statewide Digital Orthoimagery.

AKRF
440 Park Avenue South, New York, NY 10016

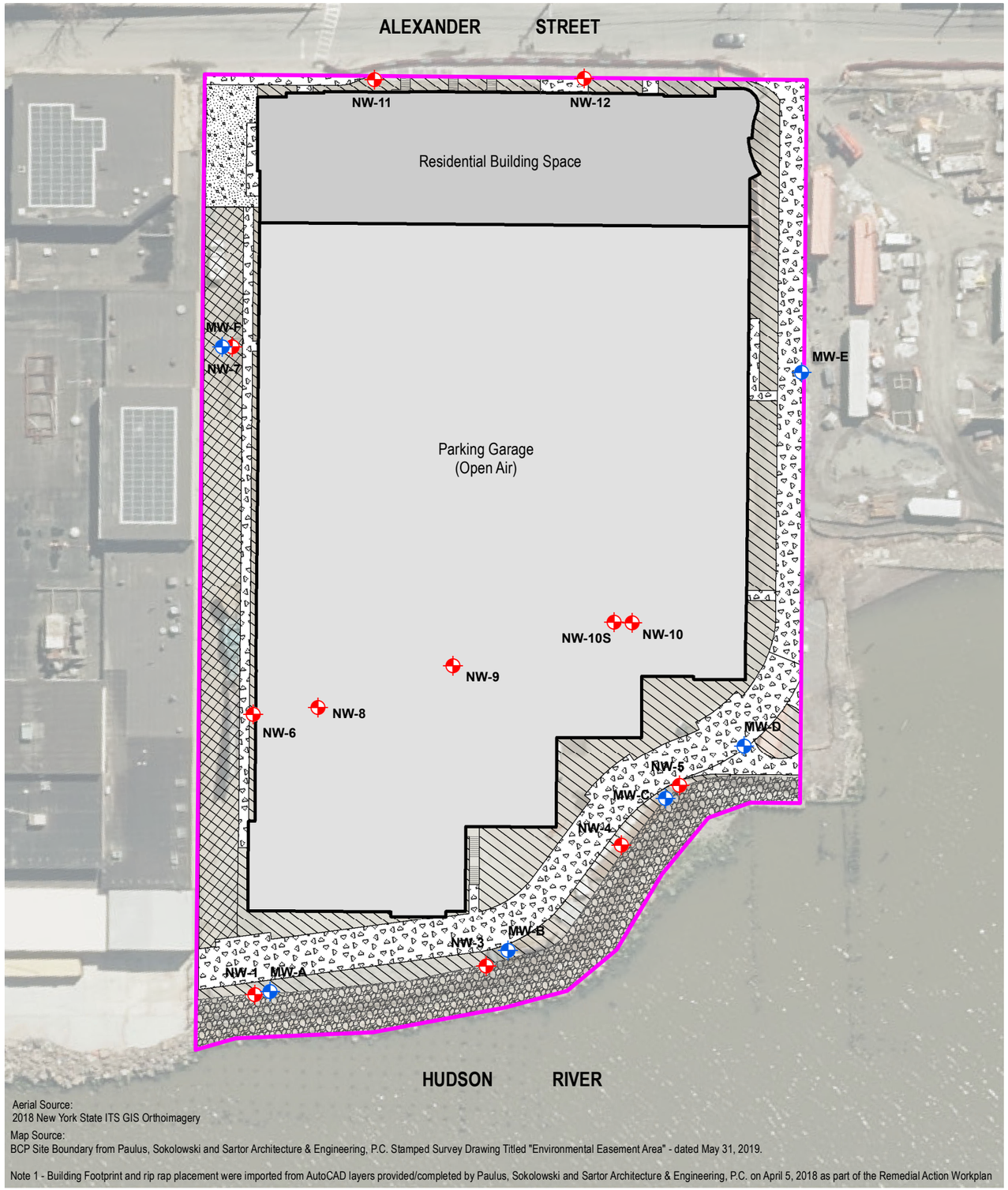
Polychrome West Site
BCP Site C360099
Yonkers, New York

SITE PLAN WITH REFERENCE GRID

DATE

PROJECT NO.
40566

FIGURE
2



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 and rip rap placement were imported from AutoCAD layers provided/completed by Paulus, Sokolowski and Sartor Architecture & Engineering, P.C. on April 5, 2018 as part of the Remedial Action Workplan

LEGEND

- BCP SITE
- RESIDENTIAL BUILDING
- PARKING GARAGE (OPEN
- ESPLANADE
- GRASS PAVER
- ASPHALT
- LANDSCAPED
- RIP RAP
- NAPL RECOVERY WELL
- GROUNDWATER MONITORING WELL LOCATION (SHALLOW NAPL RECOVERY)

0 30 60 120

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

Polychrome West
NYSDEC Site (BCP #C360099)
Yonkers, New York

NAPL RECOVERY & GROUNDWATER MONITORING WELL LOCATION PLAN

DATE
12/19/2019

PROJECT NO.
180017

FIGURE
3

Table 1
Polychrome West
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
MW-A	10/7/2020	9:15	ND	5.86	ND	11.16	NA	NA	
	10/21/2020	8:20	ND	5.96	ND	11.20	NA	NA	
	11/4/2020	5:55	ND	6.42	ND	11.21	NA	NA	
	11/18/2020	9:40	ND	5.82	ND	11.28	NA	NA	
	12/1/2020	8:25	ND	3.20	ND	11.17	NA	NA	
	12/16/2020	8:10	ND	5.75	ND	11.19	NA	NA	
	12/29/2020	8:15	ND	4.96	ND	11.18	NA	NA	
	1/13/2021	7:30	ND	5.18	ND	11.16	NA	NA	
	1/27/2021	8:15	ND	4.25	ND	11.33	NA	NA	
	2/8/2021	9:00	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	2/24/2021	8:10	ND	4.91	ND	11.28	NA	NA	
	3/10/2021	8:15	ND	5.28	ND	11.25	NA	NA	
	3/24/2021	8:02	ND	4.91	ND	11.19	NA	NA	
	4/7/2021	8:30	ND	4.27	ND	11.18	NA	NA	
	4/21/2021	9:10	ND	5.17	ND	11.15	NA	NA	
MW-B	10/7/2020	9:20	ND	9.10	ND	12.68	NA	NA	
	10/21/2020	8:15	ND	9.22	ND	12.70	NA	NA	
	11/4/2020	6:00	ND	9.54	ND	12.89	NA	NA	
	11/18/2020	9:45	ND	9.08	ND	13.03	NA	NA	
	12/1/2020	8:30	ND	7.25	ND	12.78	NA	NA	
	12/16/2020	8:05	ND	9.18	ND	12.75	NA	NA	
	12/29/2020	8:10	ND	8.25	ND	12.78	NA	NA	
	1/13/2021	7:35	ND	8.17	ND	12.72	NA	NA	
	1/27/2021	8:10	ND	7.98	ND	12.92	NA	NA	
	2/8/2021	8:50	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	2/24/2021	8:05	ND	8.24	ND	12.81	NA	NA	
	3/10/2021	8:25	ND	8.27	ND	12.82	NA	NA	
	3/24/2021	8:07	ND	8.14	ND	12.74	NA	NA	
	4/7/2021	8:35	ND	7.81	ND	12.77	NA	NA	
	4/21/2021	9:15	ND	8.28	ND	12.76	NA	NA	
MW-C	10/7/2020	9:25	ND	8.39	ND	12.83	NA	NA	
	10/21/2020	8:12	ND	8.43	ND	12.47	NA	NA	
	11/4/2020	6:05	ND	8.50	ND	12.59	NA	NA	
	11/18/2020	9:50	ND	7.87	ND	12.35	NA	NA	
	12/1/2020	8:35	ND	5.89	ND	12.37	NA	NA	
	12/16/2020	8:00	ND	7.80	ND	12.31	NA	NA	
	12/29/2020	8:05	ND	7.19	ND	12.42	NA	NA	
	1/13/2021	7:30	ND	7.31	ND	12.49	NA	NA	
	1/27/2021	8:05	ND	6.85	ND	12.54	NA	NA	
	2/8/2021	8:40	ND	7.24	ND	12.50	NA	NA	
	2/24/2021	8:00	ND	7.20	ND	12.45	NA	NA	
	3/10/2021	8:30	ND	7.31	ND	12.43	NA	NA	
	3/24/2021	8:10	ND	7.21	ND	12.35	NA	NA	
	4/7/2021	8:40	ND	6.11	ND	12.36	NA	NA	
	4/21/2021	9:20	ND	7.41	ND	12.36	NA	NA	
MW-D	10/7/2020	9:35	ND	8.60	ND	15.95	NA	NA	
	10/21/2020	8:10	ND	8.45	ND	15.83	NA	NA	
	11/4/2020	6:10	ND	9.27	ND	16.02	NA	NA	
	11/18/2020	9:55	ND	8.93	ND	16.18	NA	NA	
	12/1/2020	8:40	ND	7.86	ND	15.94	NA	NA	
	12/16/2020	7:55	ND	8.91	ND	15.86	NA	NA	
	12/29/2020	8:00	ND	8.75	ND	15.91	NA	NA	
	1/13/2021	7:55	ND	8.92	ND	15.96	NA	NA	
	1/27/2021	8:00	ND	8.65	ND	16.02	NA	NA	
	2/8/2021	8:30	ND	8.72	ND	15.92	NA	NA	
	2/24/2021	7:50	ND	8.61	ND	15.93	NA	NA	
	3/10/2021	8:40	ND	9.06	ND	15.96	NA	NA	
	3/24/2021	8:12	ND	8.87	ND	15.92	NA	NA	
	4/7/2021	8:45	ND	8.42	ND	15.90	NA	NA	
	4/21/2021	9:25	ND	8.32	ND	15.87	NA	NA	
MW-E	10/7/2020	9:40	ND	8.72	ND	12.70	NA	NA	
	10/21/2020	8:05	ND	8.97	ND	12.75	NA	NA	
	11/4/2020	6:15	ND	9.15	ND	12.63	NA	NA	
	11/18/2020	10:00	ND	8.54	ND	12.59	NA	NA	
	12/1/2020	8:45	ND	7.39	ND	12.67	NA	NA	
	12/16/2020	7:50	ND	8.81	ND	12.51	NA	NA	
	12/29/2020	7:55	ND	8.27	ND	12.53	NA	NA	
	1/13/2021	8:00	ND	8.64	ND	12.72	NA	NA	
	1/27/2021	7:45	ND	7.98	ND	12.67	NA	NA	
	2/8/2021	8:20	ND	8.11	ND	12.53	NA	NA	
	2/24/2021	7:45	ND	7.90	ND	12.57	NA	NA	
	3/10/2021	8:45	ND	8.39	ND	12.57	NA	NA	
	3/24/2021	8:14	ND	8.11	ND	12.71	NA	NA	
	4/7/2021	8:50	ND	7.77	ND	12.51	NA	NA	
	4/21/2021	9:30	ND	8.06	ND	12.51	NA	NA	
MW-F	10/7/2020	8:45	ND	9.39	ND	17.61	NA	NA	
	10/21/2020	9:00	ND	9.16	ND	17.65	NA	NA	
	11/4/2020	6:25	ND	9.25	ND	17.73	NA	NA	
	11/18/2020	9:35	ND	9.41	ND	18.19	NA	NA	
	12/1/2020	8:20	ND	9.14	ND	17.69	NA	NA	
	12/16/2020	8:15	ND	9.53	ND	17.57	NA	NA	
	12/29/2020	8:20	ND	9.29	ND	17.68	NA	NA	
	1/13/2021	7:25	ND	9.55	ND	17.96	NA	NA	
	1/27/2021	8:20	ND	9.77	ND	17.75	NA	NA	
	2/8/2021	9:05	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	2/24/2021	8:15	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	3/10/2021	8:50	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	3/24/2021	8:19	ND	9.45	ND	17.60	NA	NA	Innaccessible due to snow coverage
	4/7/2021	8:55	ND	9.20	ND	17.67	NA	NA	
	4/21/2021	8:55	ND	9.08	ND	17.65	NA	NA	

Table 1
Polychrome West
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-1	10/7/2020	9:05	ND	7.68	ND	20.31	NA	NA	
	10/21/2020	9:05	ND	7.77	ND	20.42	NA	NA	
	11/4/2020	6:55	ND	8.12	ND	20.42	NA	NA	
	11/18/2020	10:20	ND	7.74	ND	21.25	NA	NA	
	12/1/2020	9:30	ND	5.02	ND	20.28	NA	NA	
	12/16/2020	9:15	ND	7.40	ND	20.34	NA	NA	
	12/29/2020	9:15	ND	6.81	ND	20.34	NA	NA	
	1/13/2021	8:40	ND	6.67	ND	20.36	NA	NA	
	1/27/2021	9:05	ND	6.02	ND	20.39	NA	NA	
	2/8/2021	9:15	ND	6.93	ND	20.45	NA	NA	
	2/24/2021	9:15	ND	6.81	ND	26.47	NA	NA	
	3/10/2021	10:15	ND	7.19	ND	26.39	NA	NA	
	3/24/2021	9:08	ND	6.95	ND	20.43	NA	NA	
	4/7/2021	9:00	ND	6.34	ND	20.33	NA	NA	
	4/21/2021	9:00	ND	7.30	ND	20.34	NA	NA	
NW-3	10/7/2020	11:05	ND	7.46	ND	33.05	NA	NA	
	10/21/2020	9:15	ND	8.06	ND	33.22	NA	NA	
	11/4/2020	7:05	ND	8.42	ND	33.15	NA	NA	
	11/18/2020	10:30	ND	7.94	ND	34.24	NA	NA	
	12/1/2020	9:35	ND	6.05	ND	33.06	NA	NA	
	12/16/2020	9:20	ND	7.66	ND	32.98	NA	NA	
	12/29/2020	9:20	ND	6.96	ND	32.32	NA	NA	
	1/13/2021	8:45	ND	6.99	ND	33.30	NA	NA	
	1/27/2021	9:10	ND	6.67	ND	33.09	NA	NA	
	2/8/2021	9:25	ND	7.09	ND	33.11	NA	NA	
	2/24/2021	9:20	ND	7.09	ND	33.11	NA	NA	
	3/10/2021	10:20	ND	7.28	ND	33.67	NA	NA	
	3/24/2021	9:13	ND	7.01	ND	32.98	NA	NA	
	4/7/2021	9:05	ND	6.57	ND	33.04	NA	NA	
	4/21/2021	9:10	ND	7.20	ND	33.05	NA	NA	
NW-4	10/7/2020	11:20	ND	8.73	Trace	43.24	NA	NA	
	10/21/2020	9:45	ND	8.85	ND	43.21	NA	NA	
	11/4/2020	7:35	ND	9.44	ND	43.23	NA	NA	
	11/18/2020	10:40	ND	9.22	ND	44.98	NA	NA	
	12/1/2020	10:20	ND	7.95	ND	43.26	NA	NA	
	12/16/2020	9:40	ND	9.16	ND	43.19	NA	NA	
	12/29/2020	10:20	ND	8.84	ND	42.23	NA	NA	
	1/13/2021	9:35	ND	8.79	ND	43.16	NA	NA	
	1/27/2021	9:40	ND	8.74	ND	43.22	NA	NA	
	2/8/2021	11:00	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	2/24/2021	9:45	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	3/10/2021	10:30	ND	9.34	Trace	43.55	NA	NA	
	3/24/2021	9:23	ND	8.65	ND	43.29	NA	NA	
	4/7/2021	9:10	ND	8.66	ND	43.16	NA	NA	
	4/21/2021	9:15	ND	8.58	ND	43.17	NA	NA	
NW-5	**10/7/2020**	**12:20**	**ND**	**7.89**	**29.62**	**37.50**	**NA**	**7.88**	**Pre-pumping measurement**
	10/14/2020	**12:45**	**ND**	**8.90**	**ND**	**37.63**	**NA**	**NA**	**Post-pumping measurment ~6 gallons removed**
	10/21/2020	**11:00**	**ND**	**7.93**	**30.12**	**37.61**	**NA**	**7.49**	**Pre-pumping measurment**
	10/21/2020	**11:30**	**ND**	**7.93**	**ND**	**38.12**	**NA**	**NA**	**Post-pumping measurement ~10 gallons removed**
	11/4/2020	**9:00**	**ND**	**8.61**	**30.48**	**38.08**	**NA**	**7.60**	**Pre-pumping measurment**
	11/5/2020	**9:30**	**ND**	**8.60**	**ND**	**38.10**	**NA**	**NA**	**Post-pumping measurement ~10 gallons removed**
	11/18/2020	11:40	ND	8.08	29.99	38.02	NA	8.03	
	11/19/2020	**9:30**	**ND**	**8.06**	**30.06**	**38.02**	**NA**	**7.96**	**Pre-pumping measurment**
	11/19/2020	**10:00**	**ND**	**8.09**	**ND**	**38.25**	**NA**	**NA**	**Post-pumping measurement ~12 gallons removed**
	12/1/2020	**11:15**	**ND**	**6.62**	**29.76**	**38.01**	**NA**	**8.25**	**Pre-pumping measurement**
	12/2/2020	**9:35**	**ND**	**6.60**	**ND**	**38.10**	**NA**	**NA**	**Post-pumping measurement ~10 gallons removed**
	12/16/2020	**11:20**	**ND**	**7.79**	**29.70**	**38.10**	**NA**	**8.40**	**Pre-pumping measurement**
	12/18/2020	**10:30**	**ND**	**7.52**	**ND**	**37.70**	**NA**	**NA**	**Post-pumping measurement ~6 gallons removed**
	12/29/2020	11:30	ND	7.97	29.60	38.21	NA	8.61	
	12/30/2020	**9:45**	**ND**	**8.00**	**29.57**	**38.11**	**NA**	**8.54**	**Pre-pumping measurement**
	12/30/2020	**10:45**	**ND**	**8.01**	**ND**	**38.22**	**NA**	**NA**	**Post-pumping measurement ~10 gallons removed**
	1/13/2021	10:30	ND	7.49	29.99	38.21	NA	8.22	
	1/14/2021	**8:50**	**ND**	**7.87**	**29.98**	**38.21**	**NA**	**8.23**	**Pre-pumping measurement**
	1/14/2021	**10:00**	**ND**	**8.02**	**ND**	**38.21**	**NA**	**NA**	**Post-pumping measurement ~15 gallons removed**
	1/27/2021	10:55	ND	7.58	29.90	38.11	NA	8.21	
	1/28/2021	**9:00**	**ND**	**7.60**	**29.90**	**38.11**	**NA**	**8.21**	**Pre-pumping measurement**
	1/28/2021	**9:30**	**ND**	**7.70**	**ND**	**38.11**	**NA**	**NA**	**Post-pumping measurement ~13 gallons removed**
	2/8/2021	11:40	ND	8.70	30.00	38.11	NA	8.11	
	2/11/2021	**10:30**	**ND**	**7.95**	**30.00**	**38.78**	**NA**	**8.78**	**Pre-pumping measurement**
	2/11/2021	**11:40**	**ND**	**7.97**	**ND**	**38.78**	**NA**	**NA**	**Post-pumping measurement ~15 gallons removed**
	2/24/2021	**10:30**	**ND**	**8.23**	**29.80**	**38.78**	**NA**	**8.98**	
	2/25/2021	**8:40**	**ND**	**8.23**	**29.80**	**38.76**	**NA**	**8.96**	**Pre-pumping measurement**
	2/25/2021	**10:25**	**ND**	**8.25**	**ND**	**38.76**	**NA**	**NA**	**Post-pumping measurement ~9 gallons removed**
	3/10/2021	11:50	ND	8.48	29.79	38.50	NA	8.71	
	3/11/2021	**9:15**	**ND**	**8.14**	**29.98**	**38.50**	**NA**	**8.52**	**Pre-pumping measurement**
	3/11/2021	**11:15**	**ND**	**8.29**	**ND**	**38.50**	**NA**	**NA**	**Post-pumping measurement ~10 gallons removed**
	3/24/2021	10:04	ND	8.26	30.46	38.42	NA	7.96	
	3/25/2021	**8:58**	**ND**	**7.92**	**30.34**	**38.42**	**NA**	**8.08**	**Pre-pumping measurement**
	3/25/2021	**11:20**	**ND**	**7.47**	**ND**	**38.72**	**NA**	**NA**	**Post-pumping measurement ~13 gallons removed**
	4/7/2021	9:15	ND	8.01	30.30	38.72	NA	8.42	
	4/8/2021	**8:15**	**ND**	**7.66**	**29.90**	**38.00**	**NA**	**8.10**	**Pre-pumping measurement**
	4/8/2021	**11:20**	**NM**	**NM**	**NM**	**NM**	**NM**	**NM**	**No post-pumping measurement. ~330 gallons of water/DNAPL mixture removed, due to possible breaches in the 1-inch internal pipe above the 3-foot well sump.**
	4/21/2021	9:20	ND	8.35	29.80	38.72	NA	8.92	The 1" internal pipe was removed from NW-5 and holes were discovered on the pipe above the 3-foot well sump. No pumping at NW-5 until the 1-inch internal pipe is replaced.

Table 1
Polychrome West
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-6	10/7/2020	12:05	ND	9.01	33.26	38.32	NA	5.06	Pre-pumping measurement
	10/14/2020	8:45	ND	8.55	ND	37.20	NA	ND	Post-pumping measurement ~6 gallons removed
	10/21/2020	10:40	ND	9.00	33.37	38.35	NA	4.98	Pre-pumping measurement
	10/21/2020	12:00	ND	9.00	ND	38.38	NA	NA	Post-pumping measurement ~5 gallons removed
	11/4/2020	8:45	ND	9.66	32.28	36.06	NA	3.78	Pre-pumping measurement
	11/5/2020	10:00	ND	9.64	ND	38.31	NA	NA	Post-pumping measurement ~10 gallons removed
	11/18/2020	11:25	ND	9.16	33.39	38.10	NA	4.71	
	11/19/2020	10:00	ND	9.15	33.43	38.09	NA	4.66	Pre-pumping measurement
	11/19/2020	10:15	ND	9.16	ND	38.14	NA	NA	Post-pumping measurement ~3 gallons removed
	12/1/2020	11:00	ND	7.98	34.41	37.12	NA	2.71	Pre-pumping measurement
	12/2/2020	10:05	ND	8.01	ND	37.12	NA	NA	Post-pumping measurement ~5 gallons removed
	12/16/2020	11:00	ND	9.20	33.20	37.12	NA	3.92	Pre-pumping measurement
	12/18/2020	12:00	ND	8.70	ND	38.35	NA	NA	Post-pumping measurement ~6 gallons removed
	12/29/2020	11:10	ND	8.75	33.35	38.10	NA	4.75	
	12/30/2020	11:15	ND	8.71	33.33	38.10	NA	4.77	Pre-pumping measurement
	12/30/2020	11:45	ND	8.73	ND	38.12	NA	NA	Post-pumping measurement ~5 gallons removed
	1/13/2021	10:15	ND	8.45	33.44	38.10	NA	4.66	
	1/14/2021	8:25	ND	8.87	33.31	38.10	NA	4.79	Pre-pumping measurement
	1/14/2021	8:40	ND	8.92	ND	38.10	NA	NA	Post-pumping measurement ~10 gallons removed
	1/27/2021	11:15	ND	8.63	34.00	38.35	NA	4.35	
	1/28/2021	10:15	ND	8.70	34.00	38.35	NA	4.35	Pre-pumping measurement
	1/28/2021	10:40	ND	8.73	ND	38.37	NA	NA	Post-pumping measurement ~13 gallons removed
	2/8/2021	11:20	ND	7.98	33.95	38.37	NA	4.42	
	2/11/2021	12:05	ND	7.55	33.90	38.38	NA	4.48	Pre-pumping measurement
	2/11/2021	12:20	ND	7.54	ND	38.36	NA	NA	Post-pumping measurement ~5 gallons removed
	2/24/2021	10:20	ND	8.86	33.10	38.36	NA	5.26	
	2/25/2021	10:45	ND	8.80	33.10	38.37	NA	5.27	Pre-pumping measurement
	2/25/2021	10:55	ND	8.82	ND	38.37	NA	NA	Post-pumping measurement ~5 gallons removed
	3/10/2021	11:40	ND	8.48	33.60	38.32	NA	4.72	
	3/11/2021	11:38	ND	8.26	32.80	38.32	NA	5.52	Pre-pumping measurement
	3/11/2021	11:50	ND	9.04	ND	38.35	NA	NA	Post-pumping measurement ~6 gallons removed
	3/24/2021	9:59	ND	8.84	33.04	38.12	NA	5.08	
	3/25/2021	11:27	ND	8.61	32.98	38.10	NA	5.12	Pre-pumping measurement
	3/25/2021	11:43	ND	9.41	ND	38.14	NA	NA	Post-pumping measurement ~7 gallons removed
	4/7/2021	9:15	ND	8.45	33.25	38.15	NA	4.90	
	4/8/2021	12:00	ND	8.45	33.29	38.15	NA	4.86	Pre-pumping measurement
	4/8/2021	12:20	ND	8.54	ND	38.35	NA	NA	Post-pumping measurement ~20 gallons removed
	4/21/2021	9:25	ND	8.59	33.22	38.50	NA	5.28	
	4/22/2021	10:15	ND	8.82	33.01	38.48	NA	5.47	Pre-pumping measurement
	4/22/2021	10:45	ND	8.87	ND	38.45	NA	NA	Post-pumping measurement ~15 gallons removed
NW-7	10/7/2020	10:55	ND	9.24	ND	22.85	NA	NA	
	10/21/2020	8:55	ND	9.02	ND	23.05	NA	NA	
	11/4/2020	7:15	ND	9.15	ND	22.97	NA	NA	
	11/18/2020	10:25	ND	9.37	ND	23.82	NA	NA	
	12/1/2020	9:25	ND	8.89	ND	22.98	NA	NA	
	12/16/2020	9:10	ND	9.41	ND	22.84	NA	NA	
	12/29/2020	9:25	ND	9.14	ND	22.97	NA	NA	
	1/13/2021	8:35	ND	9.51	ND	22.92	NA	NA	
	1/27/2021	9:00	ND	9.67	ND	22.94	NA	NA	
	2/8/2021	9:10	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	2/24/2021	8:15	NA	NA	NA	NA	NA	NA	Innaccessible due to snow coverage
	3/10/2021	10:10	ND	9.40	ND	22.95	NA	NA	
	3/24/2021	9:32	ND	9.27	ND	22.96	NA	NA	
	4/7/2021	9:20	ND	9.00	ND	22.90	NA	NA	
	4/21/2021	9:30	ND	8.90	ND	22.89	NA	NA	
NW-8	10/7/2020	13:40	ND	9.93	35.24	36.24	NA	1.00	Pre-pumping measurment
	10/7/2020	14:30	ND	9.93	ND	36.24	NA	NA	Post-pumping measurement ~1 gallon removed
	10/21/2020	14:30	ND	9.70	35.33	36.23	NA	0.90	Pre-pumping measurment
	10/21/2020	14:45	ND	9.70	ND	36.25	NA	NA	Post-pumping measurement ~0.75 gallons removed
	11/4/2020	9:15	ND	10.75	Trace	38.14	NA	NA	
	11/18/2020	12:50	ND	10.18	35.49	37.54	NA	2.05	Pre-pumping measurment
	11/18/2020	12:50	ND	10.18	ND	37.54	NA	NA	Post-pumping measurement ~2 gallons removed
	12/1/2020	11:55	ND	8.88	35.04	36.32	NA	1.28	Pre-pumping measurment
	12/1/2020	12:30	ND	8.88	ND	36.32	NA	NA	Post-pumping measurement ~1 gallon removed
	12/16/2020	12:45	ND	9.97	35.15	36.30	NA	1.15	Pre-pumping measurment
	12/16/2020	13:15	ND	9.97	ND	36.30	NA	NA	Post-pumping measurement ~1 gallon removed
	12/29/2020	12:00	ND	10.26	35.35	36.28	NA	0.93	Pre-pumping measurment
	12/29/2020	12:15	ND	10.26	ND	36.28	NA	NA	Post-pumping measurement ~0.75 gallon removed
	1/13/2021	12:15	ND	9.80	35.50	36.28	NA	0.78	Pre-pumping measurment
	1/13/2021	12:35	ND	9.82	ND	36.28	NA	NA	Post-pumping measurement ~1 gallon removed
	1/27/2021	12:30	ND	10.01	35.40	36.28	NA	0.88	Pre-pumping measurment
	1/27/2021	12:40	ND	9.92	ND	36.28	NA	NA	Post-pumping measurement ~1 gallon removed
	2/8/2021	12:30	ND	10.80	35.55	36.27	NA	0.72	Pre-pumping measurment
	2/8/2021	12:50	ND	10.80	ND	36.27	NA	NA	Post-pumping measurement ~0.5 gallon removed
	2/24/2021	11:35	ND	10.50	35.50	36.33	NA	0.83	Pre-pumping measurment
	2/24/2021	12:25	ND	10.52	ND	36.33	NA	NA	Post-pumping measurement ~0.5 gallon removed
	3/10/2021	12:30	ND	10.62	35.50	36.28	NA	0.78	Pre-pumping measurement
	3/10/2021	13:00	ND	10.65	ND	36.33	NA	NA	Post-pumping measurement ~0.75 gallon removed
	3/24/2021	12:32	ND	10.42	35.42	36.34	NA	0.92	Pre-pumping measurement
	3/24/2021	13:15	ND	10.52	ND	36.36	NA	NA	Post-pumping measurement ~0.75 gallon removed
	4/7/2021	12:30	ND	10.19	35.56	36.23	NA	0.67	Pre-pumping measurement
	4/7/2021	13:15	ND	10.25	ND	36.23	NA	NA	Post-pumping measurement ~1 Gallon removed
	4/21/2021	12:55	ND	10.30	35.74	36.24	NA	0.50	Pre-pumping measurement
	4/21/2021	13:20	ND	10.31	ND	36.29	NA	NA	Post-pumping measurement ~1 Gallon removed

Table 1
Polychrome West
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-9	10/7/2020	NA	NA	NA	NA	NA	NA	NA	Parked vehicle obstructing access to well
	10/14/2020	NA	NA	NA	NA	NA	NA	NA	Parked vehicle obstructing access to well
	10/21/2020	**9:30**	**ND**	**10.83**	**32.96**	**33.56**	**NA**	**0.60**	**Pre-pumping measurment**
	10/21/2020	**16:15**	**ND**	**10.83**	**ND**	**33.56**	**NA**	**NA**	**Post-pumping measurement ~0.5 gallons removed**
	11/4/2020	8:15	ND	11.27	Trace	33.60	NA	NA	
	11/18/2020	10:50	ND	10.89	ND	34.56	NA	NA	
	12/1/2020	10:10	ND	9.26	ND	33.57	NA	NA	
	12/16/2020	9:55	ND	10.66	ND	33.47	NA	NA	
	12/29/2020	10:40	ND	10.39	ND	33.63	NA	NA	
	1/13/2021	9:40	ND	10.25	ND	33.53	NA	NA	
	1/27/2021	**9:50**	**ND**	**10.09**	**33.30**	**33.58**	**NA**	**0.28**	**Pre-pumping measurment**
	1/27/2021	**11:50**	**ND**	**10.22**	**ND**	**33.58**	**NA**	**NA**	**Post-pumping measurement ~1 gallons removed**
	2/8/2020	12:20	NA	NA	NA	NA	NA	NA	Parked vehicle obstructing access to well
	2/24/2021	9:40	ND	10.49	ND	33.72	NA	NA	
	3/10/2021	10:50	ND	10.78	Trace	33.70	NA	NA	
	3/24/2021	9:05	ND	10.45	Trace	33.61	NA	NA	
	4/7/2021	9:25	ND	10.01	Trace	33.51	NA	NA	
	4/21/2021	9:35	ND	10.30	ND	33.52	NA	NA	
NW-10	**10/7/2020**	**14:05**	**ND**	**10.15**	**27.23**	**33.58**	**NA**	**6.35**	**Pre-pumping measurement**
	10/7/2020	**15:00**	**ND**	**10.15**	**ND**	**33.58**	**NA**	**NA**	**Post-pumping measurement ~4.5 gallons removed**
	10/21/2020	**14:50**	**ND**	**9.92**	**28.38**	**33.57**	**NA**	**5.19**	**Pre-pumping measurement**
	10/21/2020	**15:45**	**ND**	**9.92**	**ND**	**33.57**	**NA**	**NA**	**Post-pumping measurement ~4.75 gallons removed**
	11/4/2020	**9:45**	**ND**	**11.08**	**28.00**	**33.74**	**NA**	**5.74**	**Pre-pumping measurement**
	11/4/2020	**10:00**	**ND**	**11.08**	**ND**	**33.74**	**NA**	**NA**	**Post-pumping measurement ~4.25 gallons removed**
	11/18/2020	**13:25**	**ND**	**10.49**	**27.14**	**33.75**	**NA**	**6.61**	**Pre-pumping measurement**
	11/18/2020	**14:15**	**ND**	**10.49**	**ND**	**33.75**	**NA**	**NA**	**Post-pumping measurement ~4.5 gallons removed**
	12/1/2020	**12:35**	**ND**	**9.19**	**28.83**	**33.66**	**NA**	**4.83**	**Pre-pumping measurement**
	12/1/2020	**13:20**	**ND**	**9.19**	**ND**	**33.66**	**NA**	**NA**	**Post-pumping measurement ~3.5 gallons removed**
	12/16/2020	**11:30**	**ND**	**10.51**	**27.80**	**33.65**	**NA**	**5.85**	**Pre-pumping measurement**
	12/16/2020	**12:00**	**ND**	**10.51**	**ND**	**33.65**	**NA**	**NA**	**Post-pumping measurement ~4 gallons removed**
	12/29/2020	**12:30**	**ND**	**10.52**	**30.90**	**33.73**	**NA**	**2.83**	**Pre-pumping measurement**
	12/29/2020	**13:00**	**ND**	**10.52**	**ND**	**33.73**	**NA**	**NA**	**Post-pumping measurement ~3.5 gallons removed**
	1/13/2021	**11:20**	**ND**	**10.11**	**28.28**	**33.73**	**NA**	**5.45**	**Pre-pumping measurement**
	1/13/2021	**12:10**	**ND**	**10.15**	**ND**	**33.73**	**NA**	**NA**	**Post-pumping measurement ~2.5 gallons removed**
	1/27/2021	**13:10**	**ND**	**10.30**	**28.00**	**33.64**	**NA**	**5.64**	**Pre-pumping measurement**
	1/27/2021	**13:25**	**ND**	**10.44**	**ND**	**33.64**	**NA**	**NA**	**Post-pumping measurement ~4 gallons removed**
	2/8/2021	**13:00**	**ND**	**10.97**	**29.85**	**33.65**	**NA**	**3.80**	**Pre-pumping measurement**
	2/8/2021	**13:30**	**ND**	**11.00**	**ND**	**33.65**	**NA**	**NA**	**Post-pumping measurement ~3 gallons removed**
	2/24/2021	**10:40**	**ND**	**10.56**	**29.68**	**33.64**	**NA**	**3.96**	**Pre-pumping measurement**
	2/24/2021	**11:30**	**ND**	**10.58**	**ND**	**33.64**	**NA**	**NA**	**Post-pumping measurement ~3 gallons removed**
	3/10/2021	**13:30**	**ND**	**10.90**	**29.48**	**33.73**	**NA**	**4.25**	**Pre-pumping measurement**
	3/10/2021	**14:00**	**ND**	**10.94**	**ND**	**33.73**	**NA**	**NA**	**Post-pumping measurement ~3 gallons removed**
	3/24/2021	**11:30**	**ND**	**10.56**	**31.11**	**33.54**	**NA**	**2.43**	**Pre-pumping measurement**
	3/24/2021	**12:15**	**ND**	**10.68**	**ND**	**33.68**	**NA**	**NA**	**Post-pumping measurement ~4 gallons removed**
	4/7/2021	**11:45**	**ND**	**10.24**	**29.29**	**33.70**	**NA**	**4.41**	**Pre-pumping measurement**
	4/7/2021	**12:15**	**ND**	**10.30**	**ND**	**33.70**	**NA**	**NA**	**Post-pumping measurement ~4 gallons removed**
	4/21/2021	**12:15**	**ND**	**10.49**	**30.29**	**33.59**	**NA**	**3.30**	**Pre-pumping measurement**
	4/21/2021	**12:45**	**ND**	**10.48**	**ND**	**33.61**	**NA**	**NA**	**Post-pumping measurement ~3 gallons removed**
NW-10S	10/7/2020	10:45	ND	10.50	ND	18.00	NA	NA	
	10/21/2020	9:25	ND	10.49	ND	18.02	NA	NA	
	11/4/2020	7:25	ND	10.33	ND	18.04	NA	NA	
	11/18/2020	10:35	ND	10.51	ND	18.04	NA	NA	
	12/1/2020	9:40	ND	9.82	ND	18.01	NA	NA	
	12/16/2020	9:00	ND	10.82	ND	17.92	NA	NA	
	12/29/2020	9:00	ND	10.57	ND	18.02	NA	NA	
	1/13/2021	8:30	ND	10.62	ND	18.06	NA	NA	
	1/27/2021	8:50	ND	10.57	ND	18.03	NA	NA	
	2/8/2021	10:00	ND	10.50	ND	17.98	NA	NA	
	2/24/2021	9:20	ND	9.55	ND	18.07	NA	NA	
	3/10/2021	10:00	ND	10.89	ND	18.06	NA	NA	
	3/24/2021	9:02	ND	10.67	ND	17.93	NA	NA	
	4/7/2021	9:30	ND	10.27	ND	18.01	NA	NA	
	4/21/2021	9:36	ND	10.23	ND	18.00	NA	NA	
NW-11	**10/7/2020**	**11:55**	**ND**	**4.13**	**21.71**	**22.80**	**NA**	**1.09**	**Pre-pumping measurement**
	10/14/2020	**8:30**	**ND**	**5.70**	**ND**	**22.90**	**NA**	**ND**	**Post-pumping measurement ~3 gallons removed**
	10/21/2020	10:25	ND	4.12	ND	22.87	NA	NA	
	11/4/2020	8:25	ND	4.08	ND	22.73	NA	NA	
	11/18/2020	11:15	ND	4.11	Trace	23.36	NA	NA	
	12/1/2020	10:00	ND	3.95	Trace	22.81	NA	NA	
	12/16/2020	10:15	ND	4.09	Trace	22.85	NA	NA	
	12/29/2020	10:50	ND	4.01	ND	22.79	NA	NA	
	1/13/2021	10:10	ND	4.13	21.55	22.79	NA	1.24	
	1/14/2021	**8:10**	**ND**	**4.13**	**21.44**	**22.71**	**NA**	**1.27**	**Pre-pumping measurement**
	1/14/2021	**8:20**	**ND**	**4.46**	**ND**	**22.71**	**NA**	**NA**	**Post-pumping measurement ~5 gallons removed**
	1/27/2021	10:50	ND	4.24	22.70	23.00	NA	0.30	
	1/28/2021	**8:45**	**ND**	**4.36**	**22.70**	**23.00**	**NA**	**0.30**	**Pre-pumping measurement**
	1/28/2021	**8:55**	**ND**	**4.38**	**ND**	**23.00**	**NA**	**NA**	**Post-pumping measurement ~4 gallons removed**
	2/8/2021	10:55	ND	4.20	ND	22.80	NA	NA	
	2/24/2021	9:50	ND	4.09	22.48	22.98	NA	0.50	
	2/25/2021	**8:20**	**ND**	**4.11**	**22.45**	**22.98**	**NA**	**0.53**	**Pre-pumping measurement**
	2/25/2021	**8:25**	**ND**	**4.12**	**ND**	**22.97**	**NA**	**NA**	**Post-pumping measurement ~2 gallons removed**
	3/10/2021	11:30	ND	4.06	22.48	22.91	NA	0.43	
	3/11/2021	**8:40**	**ND**	**4.08**	**22.34**	**22.91**	**NA**	**0.57**	**Pre-pumping measurement**
	3/11/2021	**8:50**	**ND**	**6.51**	**ND**	**22.96**	**NA**	**NA**	**Post-pumping measurement ~2 gallons removed**
	3/24/2021	9:50	ND	3.78	ND	22.81	NA	NA	
	4/7/2021	9:35	ND	3.41	22.54	22.90	NA	0.36	
	4/8/2021	8:10	ND	3.48	22.65	22.90	NA	0.25	
	4/21/2021	9:45	ND	3.88	22.52	22.88	NA	0.36	
	4/22/2021	9:00	ND	3.91	22.49	22.88	NA	0.39	

Table 1
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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-12	10/7/2020	11:15	ND	3.75	ND	21.10	NA	NA	
	10/21/2020	8:50	ND	3.76	ND	21.25	NA	NA	
	11/4/2020	7:35	ND	3.86	ND	21.20	NA	NA	
	11/18/2020	10:20	ND	4.02	ND	21.89	NA	NA	
	12/1/2020	9:20	ND	3.70	ND	21.29	NA	NA	
	12/16/2020	9:05	ND	3.98	ND	21.13	NA	NA	
	12/29/2020	9:05	ND	3.92	ND	21.14	NA	NA	
	1/13/2021	9:45	ND	4.00	ND	21.55	NA	NA	
	1/27/2021	8:55	ND	4.10	ND	21.25	NA	NA	
	2/8/2021	10:15	ND	4.04	ND	NA	NA	NA	Bottom depth not measured.
	2/24/2021	9:10	ND	3.89	ND	21.18	NA	NA	
	3/10/2021	10:40	ND	3.83	ND	21.33	NA	NA	
	3/24/2021	9:28	ND	3.71	ND	21.23	NA	NA	
	4/7/2021	9:40	ND	3.64	ND	21.16	NA	NA	
	4/21/2021	9:50	ND	3.64	ND	21.23	NA	NA	

Notes:
Pre/post pumping event readings are bolded.
LNAPL - Light Non-Aqueous Phase Liquid
DNAPL - Dense Non-Aqueous Phase Liquid
*** - Estimated due to High Viscous DNAPL**
NA - Not Applicable
NM - Not Measurable (High Viscosity)

Table 2
Polychrome West
Yonkers, NY
DNAPL Recovery Totals

Recovery Event	DNAPL Recovered Volume (gal)												Disposal Info		
	NW-1	NW-3	NW-4	NW-5	NW-6	NW-7	NW-8	NW-9	NW-10	NW-11	NW-12	Event Total	Date Generated	Off-Site Disposal Date	Disposal Location
2020 Total	NA	NA	NA	203	142	NA	37	0.5	88.5	35	NA	506	1/9/2020 – 12/30/2020	2/21/2020 – 2/11/2021	Veolia ES
Jan-21	NA	NA	NA	28	23	NA	2	1	6.5	9	NA	69.5	1/13, 1/14, 1/27, and 1/28	*2/11/2021	Veolia ES
Feb-21	NA	NA	NA	24	10	NA	1	NA	6	2	NA	43	2/8, 2/11, 2/24, and 2/25	3/26/2021	Veolia ES
Mar-21	NA	NA	NA	23	13	NA	1.5	NA	7	2	NA	46.5	3/10, 3/11, 3/24, and 3/25	4/20/2021	Veolia ES
Apr-21	NA	NA	NA	330	35	NA	2	NA	7	NA	NA	374	4/7, 4/8, 4/21, and 4/22	*4/20//21 Pending	Veolia ES
									TOTAL TO DATE:			**1039**	gallons		

Notes: *** On April 20, 2021, Veolia ES disposed of 246.5 gallons of DNAPL generated at NW-5, NW-6, NW-8, NW-10, and NW-11 on March 10, 11, 24, and 25, 2021 and 200 gallons of DNAPL generated at NW-5 on April 8, 2021. The remaining 194 gallons of DNAPL that were generated at NW-5, NW-6, NW-8, and NW-10 on April 7, 8, 21, and 22, 2021 are currently pending off-site disposal.**

NA - Not Applicable

ATTACHMENT A – PHOTOLOG

Site Photographs	
Photograph 1 - Photographs of corrosion on 1-inch internal pipe of NW-5.	
Photograph 2 - Photograph of damaged union from internal pipe of NW-5.	

Site Photographs	
Photograph 3 - Photograph of corrosion on NW-5 internal pipe.	

ATTACHMENT B – VEOLIA, EASTERN, & BROOKSIDE MANIFESTS

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001933847	1	(877) 818-0087	001885831 VES

GENERATOR

5. Generator's Name and Mailing Address: AVALONBAY SITES LLC. 1499 POST ROAD FAIRFIELD, CT 06824 Generator's Phone: 203 415 7399

Generator's Site Address (if different than mailing address): 137-145 ALEXANDER STREET POLYCHROME WEST YONKERS, NY 10701

U.S. EPA ID Number

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD088631369

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: VEOLIA ES TECHNICAL SOLUTIONS LLC 1 EDEN LANE FLANDERS, NJ 07836 — U.S. EPA ID Number: NJD980536393

Facility's Phone: 973 347-7111

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (BENZENE, COAL TAR), 3, II	5	DM	2000	P	D001	B	
						D018		
	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. + 1) W-797344 A. MARPULP#1

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/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/Offeror's Printed/Typed Name: Joe LaRivière — Signature — Month: 04 Day: 20 Year: 21

TRANSPORTER INT'L

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

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael L. Smith — Signature — Month: 09 Day: 20 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

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: Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141 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 Stoler — Signature — Month: 4 Day: 20 Year: 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	631-727-2700	

GENERATOR

5. Generator's Name and Mailing Address
AVALON YONKERS SUNSITES LLC
1499 POST RD
FAIRFIELD CT. 06824
Generator's Phone: 201-694-3954

Generator's Site Address (if different than mailing address)
POLYCHROME WEST
137-145 ALEXANDER ST.
YONKERS NY 10701

6. Transporter 1 Company Name
EASTERN ENVIRONMENTAL SOLUTIONS
U.S. EPA ID Number: NYR000135624

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

8. Designated Facility Name and Site Address
CLEAN WATER NY
3249 RICHMOND TERR.
STATEN ISLAND NY
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZ NON RCRA OILY/PPE	1	DM	50	LBS	
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/Offeror's Printed/Typed Name | Signature | Month 4 | Day 29 | Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 4 | Day 29 | Year 21

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
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 | Signature | Month 4 | Day 29 | Year 21

TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	

GENERATOR

5. Generator's Name and Mailing Address
Avalon Yonkers Sun Sites, LLC
1499 Post Road
Fairfield CT 06824
Generator's Phone: 201 694-3957

Generator's Site Address (if different than mailing address)
Polychrome West
137-145 Alexander Street
Yonkers NY 10701

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000008'1661

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

8. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4600
U.S. EPA ID Number: NYD000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-regulated material, water	1	DM	50	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
groundwater approval
237-238

14. **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/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Joe LaRocque — Signature — Month: 4 Day: 23 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Kunnacke — Signature — Month: 4 Day: 23 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
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 Rivera — Signature — Month: 4 Day: 29 Year: 21

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1