



Environmental, Planning, and Engineering Consultants

34 South Broadway
Suite 401
White Plains, NY 10601
tel: 914 949-7336
fax: 914 949-7559
www.akrf.com

April 11, 2022

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

Re: Progress Report – January 2022
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 January 2022.

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

- No intrusive soil work occurred below the final cover system at the Site during the January 2022 reporting period.
- On January 13, 14, 27, and 28, 2022, 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 January, no on-Site excavation activities below the final cover system occurred.
- On January 13 and 27, 2022, DNAPL gauging was conducted at NW-1, NW-3, NW-4, NW-5, NW-6, NW-7, NW-8, NW-9, NW-10, NW-10S, NW-11, and NW-12. Gauging of groundwater monitoring wells MW-A, MW-B, MW-C, MW-D, MW-E, and MW-F will be performed during the next annual groundwater sampling event in December 2022. DNAPL recovery wells are equipped with 3-foot sumps. DNAPL was detected during the January 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 1/13/22 (feet)	DNAPL Thickness 1/27/22 (feet)
NW-5	10.01	9.99
NW-6	3.96	2.77
NW-8	1.03	0.53
NW-10	2.05	1.19
NW-11	ND	0.51

ND – No Detection

Note: Measured DNAPL thicknesses are estimated.

- On January 13 and 27, 2022, AKRF performed DNAPL removal activities with a 2-inch submersible pump and dedicated tubing at recovery wells NW-8 (~2.5 gallons total) and NW-10 (~4 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 January 14 and 28, 2022, AKRF performed oversight during additional DNAPL removal, which was completed by Eastern Environmental of Manorville, New York (Eastern). DNAPL was removed from recovery well NW-5 (~30 gallons total), NW-6 (~9 gallons removed), and NW-11 (~4 gallons removed, 1/27 only) utilizing a vacuum truck to apply vacuum on an internal 1-inch pipe within the 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 January 3, 2022, Veolia Environmental Services (VES) picked up five drums of DNAPL generated during the November and December 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 PRR for 2022.
- On January 27, 2022, Brookside Environmental of Copiague, New York (Brookside) picked up one drum of groundwater, which was generated during the December 2021 annual sampling event, and one drum of used personal protective equipment (PPE) and oily debris generated during previous DNAPL recovery events. The drums were disposed of at Clean Waters of New York in Staten Island, New York. The non-hazardous waste manifest is included in Attachment A and will be included in the PRR for 2022.
- A total of approximately 49.5 gallons of DNAPL were recovered during the reporting period. Since DNAPL removal activities began in January 2020, a total of 1,936.45 gallons of DNAPL have been removed, transported, and disposed of. DNAPL recovery totals are summarized in Table 2.

The following work is planned for February 2022:

- AKRF anticipates completing DNAPL gauging and removal in February 2022 using the same methods as described above while long-term trends and alternate recovery methods are evaluated;
- DNAPL recovery well monitoring and DNAPL recovery at a frequency of once every two weeks;
- 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) 922-2356.

Sincerely,
AKRF, Inc.



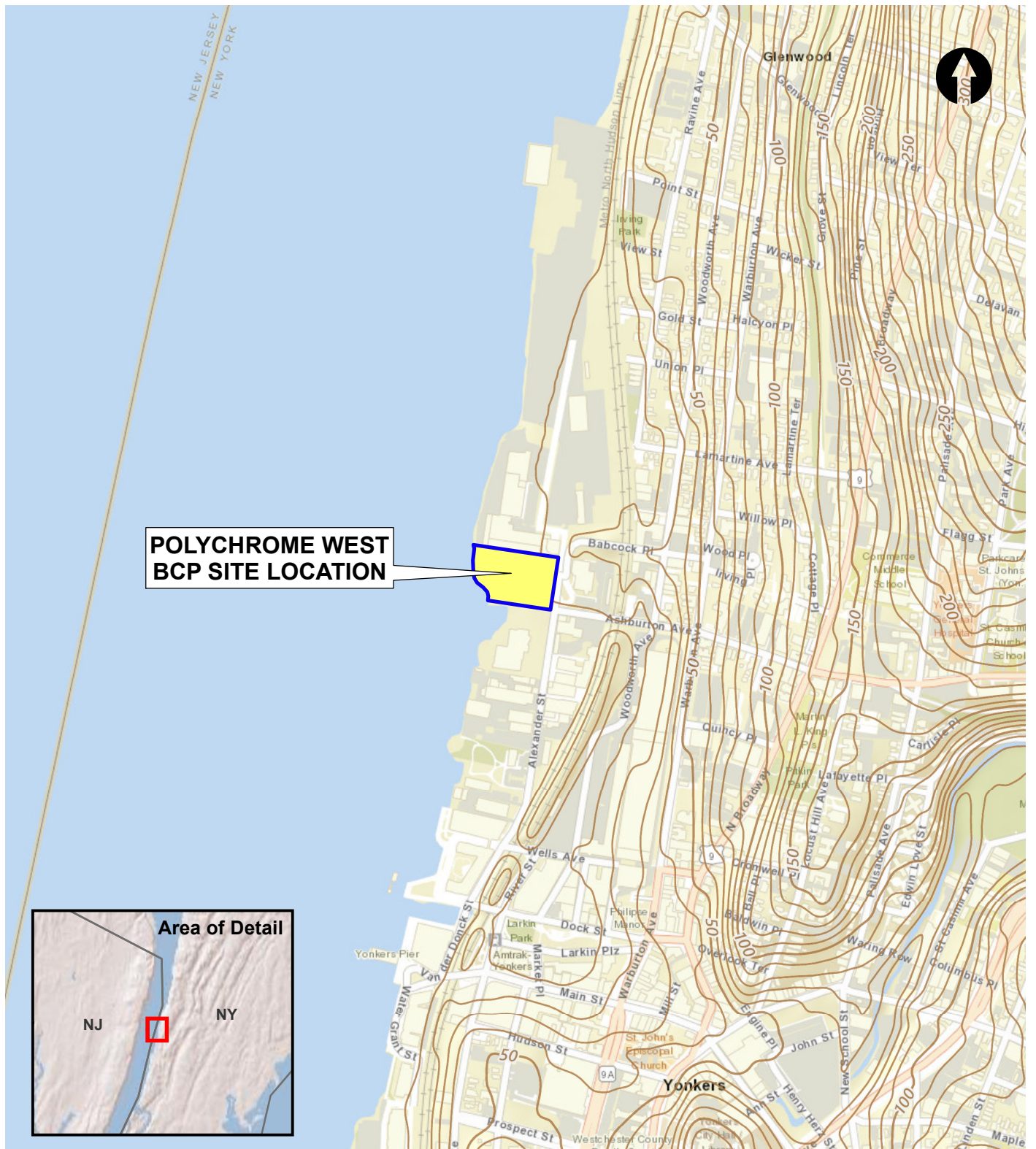
Marc Godick
Senior Vice President

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 – Veolia and 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/Steve Grens/Rebecca Kinal/John Sulich – AKRF

ATTACHMENTS

© 2019 AKRF Q:\Projects\180017 - AVALONBAY YONKERS - BLD 2 - PCW\Technical\GIS and Graphics\Hazmat\FER180017 Fig 1 site loc map.mxd/25/2019 3:39:54 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 West
NYSDEC Site (BCP #C360099)
Yonkers, New York

SITE LOCATION MAP

DATE	12/19/2019
PROJECT NO.	180017
FIGURE	1

©2018 AKRF, Inc Q:\Projects\40566 - AVALONBAY YONKERSTechnical\Hazmat\CAD\40566 Fig 2 WC Grid (Polychrome West).dwg last save: mvelieux 1/5/2018 2:34 PM

Aerial Source:
2014 New York Statewide Digital Orthoimagery.





LEGEND

PROJECT SITE BOUNDARY

1



ALPHANUMERIC GRID



Polychrome West Site
BCP Site C360099
Yonkers, New York



440 Park Avenue South, New York, NY 10016

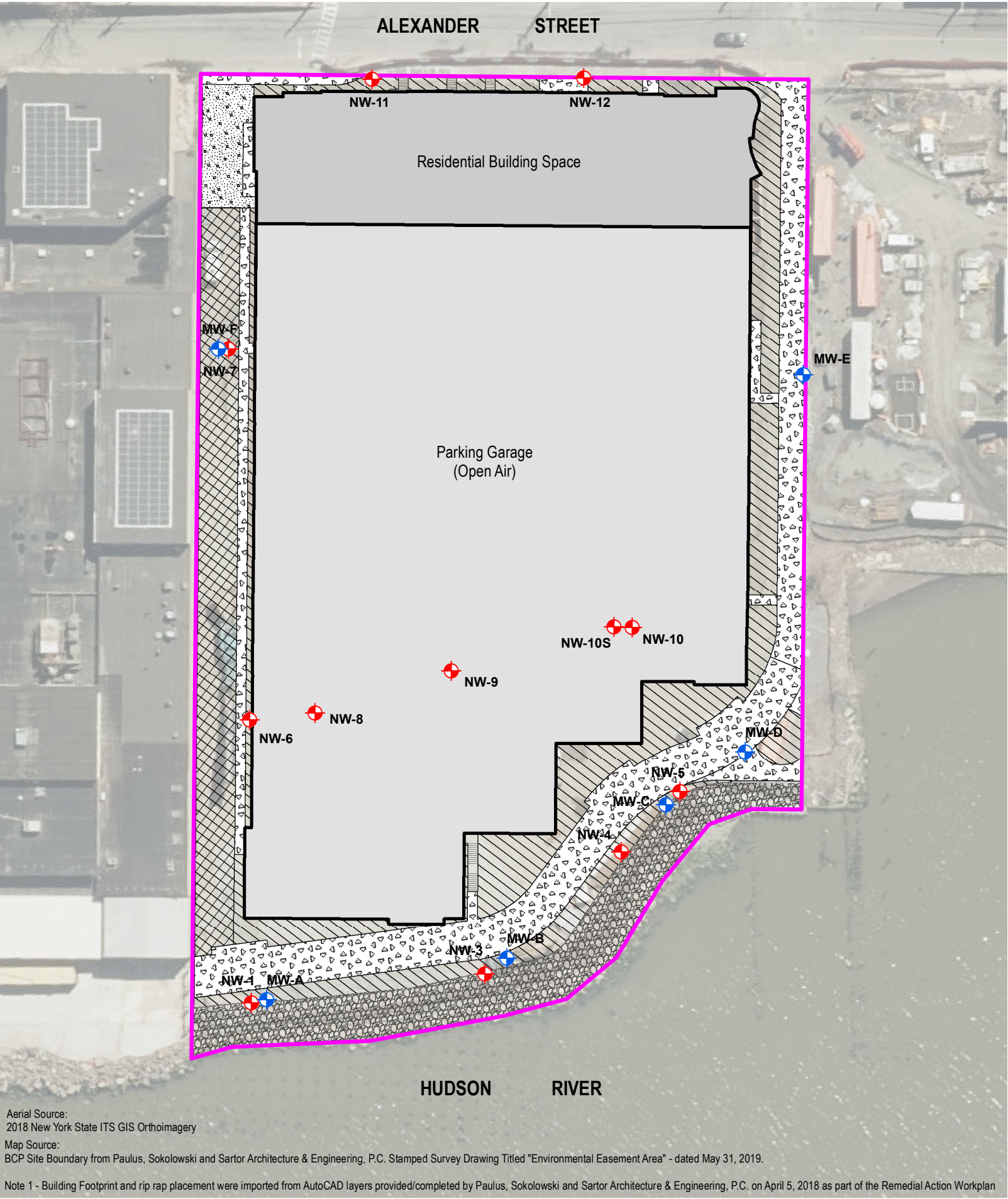
SITE PLAN WITH REFERENCE GRID

DATE

PROJECT NO.
40566

FIGURE
2

©2019 AKRF C:\Projects\180017 - AVALONBAY YONKERS - BLD 2 - PCW\Technical\GIS and Graphics\Hazmat\FER180017 Fig 7 NAPL Recovery and GW Wells.mxd 12/19/2019 2:26:59 PM mveilleux



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)



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
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	
	5/5/2021	9:45	ND	6.70	ND	20.33	NA	NA	
	5/17/2021	9:20	ND	7.74	ND	20.34	NA	NA	
	6/2/2021	9:19	ND	7.43	ND	20.31	NA	NA	
	6/16/2021	9:43	ND	7.61	ND	20.43	NA	NA	
	6/30/2021	9:00	ND	7.89	ND	20.40	NA	NA	
	7/14/2021	9:00	ND	7.46	ND	20.41	NA	NA	
	7/27/2021	8:43	ND	7.40	ND	20.41	NA	NA	
	8/11/2021	11:05	ND	6.75	ND	20.42	NA	NA	
	8/23/2021	9:50	ND	5.15	ND	20.44	NA	NA	
	9/8/2021	8:37	ND	6.95	ND	20.43	NA	NA	
	9/21/2021	10:05	ND	5.93	ND	20.48	NA	NA	
	10/7/2021	10:03	ND	5.66	ND	20.36	NA	NA	
	10/20/2021	7:45	ND	7.37	ND	20.34	NA	NA	
	11/4/2021	10:20	ND	5.16	ND	20.45	NA	NA	
	11/17/2021	7:45	ND	6.53	ND	20.47	NA	NA	
	12/1/2021	9:55	ND	7.43	ND	20.41	NA	NA	
	12/14/2021	8:20	ND	7.90	ND	20.41	NA	NA	
	12/28/2021	10:30	ND	7.21	ND	20.40	NA	NA	
	1/13/2022	9:20	ND	7.82	ND	20.41	NA	NA	
	1/27/2022	9:30	ND	7.77	ND	20.41	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	
	5/5/2021	9:55	ND	6.63	ND	33.04	NA	NA	
	5/17/2021	9:25	ND	7.99	ND	33.00	NA	NA	
	6/2/2021	9:25	ND	7.42	ND	33.00	NA	NA	
	6/16/2021	9:48	ND	7.73	ND	32.96	NA	NA	
	6/30/2021	8:55	ND	7.84	ND	33.05	NA	NA	
	7/14/2021	9:05	ND	7.74	ND	33.03	NA	NA	
	7/27/2021	8:40	ND	7.89	ND	33.06	NA	NA	
	8/11/2021	11:10	ND	7.04	ND	33.10	NA	NA	
	8/23/2021	9:55	ND	5.97	ND	33.04	NA	NA	
	9/8/2021	8:45	ND	7.27	ND	33.10	NA	NA	
	9/21/2021	10:09	ND	6.27	ND	33.08	NA	NA	
	10/7/2021	10:09	ND	6.04	ND	33.09	NA	NA	
	10/20/2021	10:20	ND	6.68	ND	33.03	NA	NA	
	11/4/2021	10:25	ND	5.69	ND	32.99	NA	NA	
	11/17/2021	7:50	ND	6.63	ND	33.05	NA	NA	
	12/1/2021	10:00	ND	7.45	ND	33.04	NA	NA	
	12/14/2021	8:25	ND	7.81	ND	33.02	NA	NA	
	12/28/2021	10:45	ND	7.24	ND	33.02	NA	NA	
	1/13/2022	9:25	ND	7.79	ND	33.01	NA	NA	
	1/27/2022	09:15	ND	7.81	ND	33.00	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-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	
	5/5/2021	9:58	ND	8.43	ND	43.20	NA	NA	
	5/17/2021	9:30	ND	9.06	ND	43.19	NA	NA	
	6/2/2021	9:30	ND	8.81	ND	43.11	NA	NA	
	6/16/2021	9:52	ND	8.71	ND	43.20	NA	NA	
	6/30/2021	9:35	ND	8.96	ND	43.24	NA	NA	
	7/14/2021	9:35	ND	8.61	ND	43.30	NA	NA	
	7/27/2021	9:15	ND	8.63	ND	43.17	NA	NA	
	8/11/2021	11:25	ND	8.73	ND	43.19	NA	NA	
	8/23/2021	10:20	ND	8.03	ND	43.13	NA	NA	
	9/8/2021	9:42	ND	8.51	ND	43.20	NA	NA	
	9/21/2021	11:20	ND	8.62	ND	43.16	NA	NA	
	10/7/2021	10:15	ND	8.56	ND	43.19	NA	NA	
	10/20/2021	10:30	ND	8.65	ND	43.14	NA	NA	
	11/4/2021	12:45	ND	8.17	ND	43.25	NA	NA	
	11/17/2021	8:50	ND	8.90	ND	43.19	NA	NA	
	12/1/2021	10:05	ND	9.00	ND	43.22	NA	NA	
	12/14/2021	9:00	ND	9.49	ND	43.19	NA	NA	
	12/28/2021	11:00	ND	8.58	ND	43.19	NA	NA	
	1/13/2022	9:30	ND	9.32	ND	43.21	NA	NA	
	1/27/2022	9:42	ND	9.26	ND	43.21	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 measurement ~6 gallons removed
	10/21/2020	11:00	ND	7.93	30.12	37.61	NA	7.49	Pre-pumping measurement
	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 measurement
	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 measurement
	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

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-5 (cont.)	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.
	5/5/2021	12:00	ND	8.20	29.12	37.88	NA	8.76	
	5/6/2021	10:10	ND	7.81	29.45	37.88	NA	8.43	Pre-pumping measurement
	5/6/2021	11:40	ND	8.31	ND	37.88	NA	NA	Post-pumping measurement ~10 gallons removed
	5/17/2021	11:30	ND	8.67	27.94	37.94	NA	10.00	
	5/20/2021	9:30	ND	8.63	27.90	37.94	NA	10.04	Pre-pumping measurement
	5/20/2021	10:30	ND	8.67	ND	37.94	NA	NA	Post-pumping measurement ~13 gallons removed
	6/2/2021	10:55	ND	8.90	30.20	38.34	NA	8.14	
	6/3/2021	9:00	ND	8.90	30.17	38.31	NA	8.14	Pre-pumping measurement
	6/3/2021	9:45	ND	8.93	ND	38.40	NA	NA	Post-pumping measurement ~13 gallons removed
	6/16/2021	10:52	ND	8.67	29.71	38.34	NA	8.63	
	6/17/2021	8:25	ND	8.66	29.70	38.34	NA	8.64	Pre-pumping measurement
	6/17/2021	9:55	ND	8.70	ND	38.34	NA	NA	Post-pumping measurement ~17 gallons removed
	6/30/2021	11:00	ND	8.98	29.98	38.65	NA	8.67	
	7/1/2021	8:15	ND	8.80	29.98	38.65	NA	8.67	Pre-pumping measurement
	7/1/2021	8:35	ND	8.82	ND	38.65	NA	NA	Post-pumping measurement ~4.7 gallons removed
	7/14/2021	10:45	ND	7.95	29.90	38.65	NA	8.75	
	7/15/2021	9:15	ND	8.75	29.90	38.65	NA	8.75	Pre-pumping measurement
	7/15/2021	9:55	ND	8.80	ND	38.65	NA	NA	Post-pumping measurement ~5.95 gallons removed
	7/27/2021	3:36	ND	7.59	29.80	38.19	NA	8.39	
	7/29/2021	8:45	ND	8.70	29.80	38.19	NA	8.39	Pre-pumping measurement
	7/29/2021	9:20	ND	8.75	ND	38.19	NA	NA	Post-pumping measurement ~9.35 gallons removed
	8/11/2021	13:05	ND	7.20	30.30	38.19	NA	7.89	
	8/12/2021	8:35	ND	8.95	30.30	38.19	NA	7.89	Pre-pumping measurement
	8/12/2021	9:45	ND	8.97	ND	38.19	NA	NA	Post-pumping measurement ~5.95 gallons removed
	8/23/2021	12:45	ND	5.98	29.60	38.18	NA	8.58	
	8/24/2021	8:10	ND	7.81	29.60	38.18	NA	8.58	Pre-pumping measurement
	8/24/2021	8:35	ND	7.82	ND	38.18	NA	NA	Post-pumping measurement ~6.8 gallons removed
	9/8/2021	11:35	ND	6.82	30.00	38.18	NA	8.18	
	9/9/2021	8:50	ND	6.81	30.00	38.18	NA	8.18	Pre-pumping measurement
	9/9/2021	9:05	ND	6.82	ND	38.18	NA	NA	Post-pumping measurement ~6.8 gallons removed
	9/21/2021	12:15	ND	6.98	29.90	38.18	NA	8.28	
	9/23/2021	8:25	ND	8.00	29.90	38.18	NA	8.28	Pre-pumping measurement
	9/23/2021	8:45	ND	8.01	ND	38.18	NA	NA	Post-pumping measurement ~11 gallons removed
	10/7/2021	12:45	ND	6.76	30.11	38.18	NA	8.07	
	10/8/2021	8:50	ND	7.81	29.99	38.18	NA	8.19	Pre-pumping measurement
	10/8/2021	9:25	ND	7.61	ND	38.18	NA	NA	Post-pumping measurement ~6.75 gallons removed
	10/20/2021	11:30	ND	7.40	29.80	38.19	NA	8.39	
	10/21/2021	8:30	ND	7.70	29.80	38.19	NA	8.39	Pre-pumping measurement
	10/21/2021	9:05	ND	7.75	ND	38.19	NA	NA	Post-pumping measurement ~5 gallons removed
	11/4/2021	13:35	ND	8.15	29.50	38.18	NA	8.68	
	11/5/2021	8:50	ND	7.05	30.09	38.19	NA	8.10	Pre-pumping measurement
	11/5/2021	9:15	ND	7.12	ND	38.19	NA	NA	Post-pumping measurement ~4 gallons removed
	11/17/2021	12:25	ND	8.35	29.50	38.18	NA	8.68	
	11/19/2021	10:45	ND	7.86	29.50	38.18	NA	8.68	Pre-pumping measurement
	11/19/2021	11:45	ND	7.87	ND	38.18	NA	NA	Post-pumping measurement ~6 gallons removed
	12/1/2021	12:00	ND	9.13	28.86	38.17	NA	9.31	
	12/2/2021	9:05	ND	7.38	28.86	38.17	NA	9.31	Pre-pumping measurement
	12/2/2021	9:40	ND	7.39	ND	38.17	NA	NA	Post-pumping measurement ~3 gallons removed
	12/14/2021	12:20	ND	9.59	29.20	38.18	NA	8.98	
	12/15/2021	9:30	ND	8.98	29.70	38.18	NA	8.48	Pre-pumping measurement
	12/15/2021	10:10	ND	9.01	ND	38.18	NA	NA	Post-pumping measurement ~5 gallons removed
	12/28/2021	11:15	ND	8.52	29.70	38.16	NA	8.46	
	12/29/2021	8:00	ND	7.32	29.65	38.15	NA	8.50	Pre-pumping measurement
	12/29/2021	8:50	ND	9.06	ND	38.17	NA	NA	Post-pumping measurement ~445 gallons removed
	1/13/2022	11:30	ND	9.41	28.14	38.15	NA	10.01	
	1/14/2022	8:30	ND	9.41	28.16	38.15	NA	9.99	Pre-pumping measurement
	1/14/2022	9:10	ND	9.32	ND	38.15	NA	NA	Post-pumping measurement ~15 gallons removed
	1/27/2022	11:30	ND	9.41	28.16	38.15	NA	9.99	
	1/28/2022	9:00	ND	7.71	29.71	38.15	NA	8.44	Pre-pumping measurement
	1/28/2022	9:30	ND	9.32	ND	38.15	NA	NA	Post-pumping measurement ~15 gallons 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-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
	5/5/2021	11:00	ND	8.40	33.41	38.52	NA	5.11	
	5/6/2021	12:45	ND	8.61	33.45	38.50	NA	5.05	No vacuum event performed at NW-6
	5/17/2021	11:00	ND	9.10	31.89	37.99	NA	6.10	
	5/20/2021	10:45	ND	9.11	31.85	38.00	NA	6.15	Pre-pumping measurement
	5/20/2021	11:15	ND	9.14	ND	38.06	NA	NA	Post-pumping measurement ~7 gallons removed
	6/2/2021	10:35	ND	8.75	32.18	38.49	NA	6.31	
	6/3/2021	10:00	ND	8.74	32.16	38.49	NA	6.33	Pre-pumping measurement
	6/3/2021	10:30	ND	8.78	ND	38.49	NA	NA	Post-pumping measurement ~9 gallons removed
	6/16/2021	10:34	ND	8.84	32.50	38.03	NA	5.53	
	6/17/2021	10:10	ND	8.83	32.50	38.00	NA	5.50	Pre-pumping measurement
	6/17/2021	10:35	ND	8.84	ND	38.05	NA	NA	Post-pumping measurement ~17.25 gallons removed
	6/30/2021	10:35	ND	9.11	33.00	38.10	NA	5.10	
	7/1/2021	8:50	ND	9.18	33.00	38.10	NA	5.10	Pre-pumping measurement
	7/1/2021	9:20	ND	9.19	ND	38.10	NA	NA	Post-pumping measurement ~5.5 gallons removed
	7/14/2021	10:25	ND	8.45	32.95	37.70	NA	4.75	
	7/15/2021	10:35	ND	8.65	32.95	37.70	NA	4.75	Pre-pumping measurement
	7/15/2021	11:05	ND	8.69	ND	37.70	NA	NA	Post-pumping measurement ~15.3 gallons removed
	7/27/2021	11:05	ND	8.36	33.05	36.78	NA	3.73	
	7/29/2021	9:45	ND	9.02	33.05	36.78	NA	3.73	Pre-pumping measurement
	7/29/2021	10:15	ND	9.09	ND	36.78	NA	NA	Post-pumping measurement ~18.7 gallons removed
	8/11/2021	12:50	ND	8.32	33.00	36.77	NA	3.77	
	8/12/2021	11:15	ND	8.70	33.00	37.40	NA	4.40	No pumping due to stinger maintenance
	8/23/2021	12:25	ND	7.11	31.55	37.40	NA	5.85	
	8/24/2021	9:30	ND	8.00	31.55	37.40	NA	5.85	Pre-pumping measurement
	8/24/2021	9:45	ND	8.01	ND	37.40	NA	NA	Post-pumping measurement ~17.9 gallons removed
	9/8/2021	11:05	ND	7.97	31.80	37.40	NA	5.60	
	9/9/2021	9:25	ND	8.28	31.80	37.40	NA	5.60	Pre-pumping measurement
	9/9/2021	9:35	ND	8.31	ND	37.40	NA	NA	Post-pumping measurement ~2.6 gallons removed
	9/21/2021	12:35	ND	8.02	31.70	37.40	NA	5.70	
	9/23/2021	9:30	ND	8.54	31.70	37.40	NA	5.70	Pre-pumping measurement

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 (cont.)	9/23/2021	9:40	ND	8.55	ND	37.40	NA	NA	Post-pumping measurement ~20.4 gallons removed
	10/7/2021	12:15	ND	7.88	32.01	37.40	NA	5.39	
	10/8/2021	10:06	ND	8.41	31.90	37.40	NA	5.50	Pre-pumping measurement
	10/8/2021	10:28	ND	8.85	ND	37.60	NA	NA	Post-pumping measurement ~22.5 gallons removed
	10/20/2021	12:10	ND	8.33	32.50	37.41	NA	4.91	
	10/21/2021	10:00	ND	7.30	32.50	37.41	NA	4.91	Pre-pumping measurement
	10/21/2021	10:10	ND	7.33	ND	37.41	NA	NA	Post-pumping measurement ~8 gallons removed
	11/4/2021	13:25	ND	8.02	32.00	37.40	NA	5.40	
	11/5/2021	9:25	ND	8.75	32.11	37.41	NA	5.30	Pre-pumping measurement
	11/5/2021	10:10	ND	8.15	ND	37.38	NA	NA	Post-pumping measurement ~4 gallons removed
	11/17/2021	12:10	ND	8.52	32.00	37.40	NA	5.40	
	11/19/2021	12:30	ND	7.78	32.00	37.40	NA	5.40	Pre-pumping measurement
	11/19/2021	12:45	ND	7.79	ND	37.40	NA	NA	Post-pumping measurement ~8 gallons removed
	12/1/2021	11:39	ND	9.38	31.98	37.40	NA	5.42	
	12/2/2021	10:10	ND	8.43	31.98	37.40	NA	5.42	Pre-pumping measurement
	12/2/2021	10:20	ND	8.44	ND	37.40	NA	NA	Post-pumping measurement ~4 gallons removed
	12/14/2021	12:40	ND	9.66	32.20	37.40	NA	5.20	
	12/15/2021	11:00	ND	9.06	32.20	37.40	NA	5.20	Pre-pumping measurement
	12/15/2021	11:02	ND	9.08	ND	37.40	NA	NA	Post-pumping measurement ~6 gallons removed
	12/28/2021	11:30	ND	8.79	32.35	37.40	NA	5.05	
	12/29/2021	9:10	ND	8.35	32.29	37.38	NA	5.09	Pre-pumping measurement
	12/29/2021	10:05	ND	8.41	ND	37.40	NA	NA	Post-pumping measurement ~15 gallons removed
	1/13/2022	10:55	ND	9.45	33.42	37.38	NA	3.96	
	1/14/2022	10:00	ND	9.45	33.42	37.38	NA	3.96	Pre-pumping measurement
	1/14/2022	10:15	ND	9.36	ND	37.38	NA	NA	Post-pumping measurement ~5 gallons removed
	1/27/2022	11:00	ND	9.41	34.61	37.38	NA	2.77	
	1/28/2022	10:00	ND	9.42	34.60	37.38	NA	2.78	Pre-pumping measurement
	1/28/2022	10:30	ND	9.39	ND	37.38	NA	NA	Post-pumping measurement ~4 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	Inaccessible due to snow coverage
	2/24/2021	8:15	NA	NA	NA	NA	NA	NA	Inaccessible 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	
	5/5/2021	9:40	ND	8.90	ND	22.86	NA	NA	
	5/17/2021	9:35	ND	9.33	ND	22.89	NA	NA	
	6/2/2021	9:14	ND	8.76	ND	22.85	NA	NA	
	6/16/2021	9:40	ND	8.85	ND	22.97	NA	NA	
	6/30/2021	9:02	ND	9.29	ND	22.93	NA	NA	
	7/14/2021	8:55	ND	8.55	ND	22.89	NA	NA	
	7/27/2021	8:30	ND	8.39	ND	22.92	NA	NA	
	8/11/2021	11:00	ND	9.02	ND	22.90	NA	NA	
	8/23/2021	9:40	ND	7.70	ND	22.90	NA	NA	
	9/8/2021	8:30	ND	8.37	ND	22.93	NA	NA	
	9/21/2021	9:57	ND	8.97	ND	22.95	NA	NA	
	10/7/2021	9:50	ND	8.82	ND	22.93	NA	NA	
	10/20/2021	7:40	ND	8.83	ND	22.94	NA	NA	
	11/4/2021	10:15	ND	8.55	ND	22.91	NA	NA	
	11/17/2021	7:40	ND	8.95	ND	22.91	NA	NA	
	12/1/2021	9:40	ND	9.51	ND	22.92	NA	NA	
	12/14/2021	8:15	ND	9.75	ND	22.90	NA	NA	
	12/28/2021	11:40	ND	9.63	ND	22.91	NA	NA	
	1/13/2022	9:15	ND	9.71	ND	22.89	NA	NA	
	1/27/2022	9:25	ND	9.78	ND	22.89	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-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 gallon 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
	5/5/2021	13:20	ND	10.18	35.81	36.28	NA	0.47	Pre-pumping measurement
	5/5/2021	13:45	ND	10.20	ND	36.26	NA	NA	Post-pumping measurement ~1 gallon removed
	5/17/2021	13:00	ND	10.52	35.39	36.28	NA	0.89	Pre-pumping measurement
	5/17/2021	13:45	ND	10.44	ND	36.28	NA	NA	Post-pumping measurement ~0.75 gallon removed
	6/2/2021	12:10	ND	10.51	35.39	36.28	NA	0.89	Pre-pumping measurement
	6/2/2021	12:40	ND	10.53	ND	36.30	NA	NA	Post-pumping measurement ~0.75 Gallon removed
	6/16/2021	13:10	ND	10.24	35.56	36.28	NA	0.72	Pre-pumping measurement
	6/16/2021	13:35	ND	10.19	ND	36.33	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	6/30/2021	12:30	ND	10.65	32.49	35.64	NA	3.15	Pre-pumping measurement
	6/30/2021	12:55	ND	10.66	ND	35.67	NA	NA	Post-pumping measurement ~1 Gallon removed
	7/14/2021	12:45	ND	9.77	35.70	36.32	NA	0.62	Pre-pumping measurement
	7/14/2021	13:15	ND	9.80	ND	36.32	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	7/27/2021	13:10	ND	9.41	35.70	36.32	NA	0.62	Pre-pumping measurement
	7/27/2021	13:40	ND	9.47	ND	36.32	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	8/11/2021	13:30	ND	9.55	35.25	36.35	NA	1.10	Pre-pumping measurement
	8/11/2021	14:00	ND	9.60	ND	36.35	NA	NA	Post-pumping measurement ~1 Gallon removed
	8/23/2021	13:15	ND	8.50	35.75	36.32	NA	0.57	Pre-pumping measurement
	8/23/2021	13:45	ND	8.53	ND	36.32	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	9/8/2021	13:20	ND	9.06	35.40	36.37	NA	0.97	Pre-pumping measurement
	9/8/2021	13:55	ND	9.09	ND	36.37	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	9/21/2021	14:15	ND	9.63	35.40	36.33	NA	0.93	Pre-pumping measurement
	9/21/2021	14:50	ND	9.65	ND	36.33	NA	NA	Post-pumping measurement ~1 Gallon removed
	10/7/2021	13:45	ND	9.32	35.27	36.37	NA	1.10	Pre-pumping measurement
	10/7/2021	14:05	ND	9.43	ND	36.34	NA	NA	Post-pumping measurement ~1.25 Gallon removed
	10/20/2021	13:30	ND	9.92	35.50	36.27	NA	0.77	Pre-pumping measurement
	10/20/2021	14:10	ND	9.95	ND	36.27	NA	NA	Post-pumping measurement ~1 Gallon removed
	11/4/2021	17:00	ND	10.18	34.80	36.37	NA	1.57	Pre-pumping measurement
	11/4/2021	17:25	ND	10.20	ND	36.37	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	11/17/2021	14:00	ND	10.28	35.80	36.27	NA	0.47	
	12/1/2021	13:30	ND	10.34	34.78	36.32	NA	1.54	Pre-pumping measurement
	12/1/2021	13:50	ND	10.36	ND	36.32	NA	NA	Post-pumping measurement ~1.5 Gallon removed
	12/14/2021	14:15	ND	11.36	35.60	36.33	NA	0.73	Pre-pumping measurement
	12/14/2021	14:45	ND	11.39	ND	36.33	NA	NA	Post-pumping measurement ~0.5 Gallon removed
	12/28/2021	13:00	ND	10.34	35.41	36.32	NA	0.91	Pre-pumping measurement
	12/28/2021	13:20	ND	10.96	ND	36.32	NA	NA	Post-pumping measurement ~1.5 Gallon removed
	1/13/2022	11:05	ND	10.86	35.29	36.32	NA	1.03	Pre-pumping measurement
	1/13/2022	14:00	ND	10.96	ND	36.32	NA	NA	Post-pumping measurement ~1.5 Gallon removed
	1/27/2022	14:00	ND	10.79	35.79	36.32	NA	0.53	Pre-pumping measurement
	1/27/2022	14:30	ND	10.88	ND	36.32	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 gallon 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 gallon 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	
	5/5/2021	10:10	ND	9.92	ND	33.52	NA	NA	
	5/17/2021	9:50	ND	10.95	ND	33.49	NA	NA	
	6/2/2021	11:10	ND	10.72	ND	33.51	NA	NA	
	6/16/2021	10:30	ND	10.58	ND	33.42	NA	NA	
	6/30/2021	9:45	ND	10.95	ND	33.52	NA	NA	
	7/14/2021	9:40	ND	10.44	ND	33.53	NA	NA	
	7/27/2021	9:30	ND	10.36	ND	33.53	NA	NA	
	8/11/2021	11:30	ND	10.16	ND	33.53	NA	NA	
	8/23/2021	10:35	ND	8.97	ND	33.48	NA	NA	
	9/8/2021	9:30	ND	10.03	ND	33.48	NA	NA	
	9/21/2021	11:05	ND	9.69	ND	33.50	NA	NA	
	10/7/2021	10:35	ND	9.66	ND	33.48	NA	NA	
	10/20/2021	10:40	ND	10.89	ND	33.46	NA	NA	
	11/4/2021	12:50	ND	10.32	ND	32.55	NA	NA	
	11/17/2021	9:00	ND	10.27	ND	33.48	NA	NA	
	12/1/2021	10:35	ND	10.74	ND	33.51	NA	NA	
	12/14/2021	9:15	ND	11.18	ND	33.48	NA	NA	
	12/28/2021	11:50	ND	10.39	ND	33.45	NA	NA	
	1/13/2022	9:45	ND	11.14	ND	33.97	NA	NA	
	1/27/2022	10:22	ND	11.11	ND	33.49	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
	5/5/2021	12:30	ND	10.37	30.42	33.59	NA	3.17	Pre-pumping measurement
	5/5/2021	12:55	ND	9.69	ND	33.60	NA	NA	Post-pumping measurement ~3 gallons removed
	5/17/2021	11:58	ND	10.95	30.01	33.59	NA	3.58	Pre-pumping measurement

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-10 (cont.)	5/17/2021	12:45	ND	10.86	ND	33.59	NA	NA	Post-pumping measurement ~3 gallons removed
	6/2/2021	11:30	ND	10.76	29.17	33.59	NA	4.42	Pre-pumping measurement
	6/2/2021	12:00	ND	10.81	ND	33.59	NA	NA	Post-pumping measurement ~4 gallons removed
	6/16/2021	11:55	ND	10.63	29.81	33.67	NA	3.86	Pre-pumping measurement
	6/16/2021	12:55	ND	10.59	ND	33.67	NA	NA	Post-pumping measurement ~3.5 gallons removed
	6/30/2021	11:50	ND	10.98	32.45	33.64	NA	1.19	Pre-pumping measurement
	6/30/2021	12:15	ND	11.01	ND	33.65	NA	NA	Post-pumping measurement ~3 gallons removed
	7/14/2021	12:00	ND	10.19	30.05	33.69	NA	3.64	Pre-pumping measurement
	7/14/2021	12:30	ND	10.22	ND	33.69	NA	NA	Post-pumping measurement ~3 gallons removed
	7/27/2021	12:20	ND	9.90	29.40	33.79	NA	4.39	Pre-pumping measurement
	7/27/2021	12:50	ND	10.20	ND	33.79	NA	NA	Post-pumping measurement ~3.5 gallons removed
	8/11/2021	14:30	ND	9.96	29.80	33.73	NA	3.93	Pre-pumping measurement
	8/11/2021	14:45	ND	9.97	ND	33.73	NA	NA	Post-pumping measurement ~3 gallons removed
	8/23/2021	14:15	ND	8.80	31.05	33.70	NA	2.65	Pre-pumping measurement
	8/23/2021	14:45	ND	8.87	ND	33.70	NA	NA	Post-pumping measurement ~2.5 gallons removed
	9/8/2021	12:15	ND	9.51	28.50	33.66	NA	5.16	Pre-pumping measurement
	9/8/2021	12:55	ND	9.53	ND	33.66	NA	NA	Post-pumping measurement ~4 gallons removed
	9/21/2021	13:10	ND	9.64	30.30	33.62	NA	3.32	Pre-pumping measurement
	9/21/2021	13:40	ND	9.66	ND	33.62	NA	NA	Post-pumping measurement ~3 gallons removed
	10/7/2021	13:00	ND	9.45	30.45	33.64	NA	3.19	Pre-pumping measurement
	10/7/2021	13:30	ND	9.45	ND	33.65	NA	NA	Post-pumping measurement ~2.5 gallons removed
	10/20/2021	12:30	ND	10.00	30.10	33.63	NA	3.53	Pre-pumping measurement
	10/20/2021	13:10	ND	10.03	ND	33.63	NA	NA	Post-pumping measurement ~2.5 gallons removed
	11/4/2021	16:10	ND	10.29	30.45	33.70	NA	3.25	Pre-pumping measurement
	11/4/2021	16:45	ND	9.45	ND	33.70	NA	NA	Post-pumping measurement ~2.5 gallons removed
	11/17/2021	13:00	ND	10.40	30.30	33.65	NA	3.35	Pre-pumping measurement
	11/17/2021	13:45	ND	10.41	ND	33.65	NA	NA	Post-pumping measurement ~2.5 gallons removed
	12/1/2021	13:00	ND	11.02	29.81	33.63	NA	3.82	Pre-pumping measurement
	12/1/2021	13:20	ND	11.06	ND	33.63	NA	NA	Post-pumping measurement ~2.75 gallons removed
	12/14/2021	13:30	ND	11.61	31.20	33.70	NA	2.50	Pre-pumping measurement
	12/14/2021	14:00	ND	11.62	ND	33.70	NA	NA	Post-pumping measurement ~2.5 gallons removed
	12/28/2021	12:30	ND	10.49	32.08	33.70	NA	1.62	Pre-pumping measurement
	12/28/2021	12:50	ND	10.82	ND	33.70	NA	NA	Post-pumping measurement ~2 gallons removed
	1/13/2022	11:15	ND	10.91	31.65	33.70	NA	2.05	Pre-pumping measurement
	1/13/2022	13:20	ND	10.82	ND	33.70	NA	NA	Post-pumping measurement ~2.5 gallons removed
	1/27/2022	13:00	ND	10.83	32.51	33.70	NA	1.19	Pre-pumping measurement
	1/27/2022	13:30	ND	10.62	ND	33.70	NA	NA	Post-pumping measurement ~1.5 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	
	5/5/2021	9:35	ND	10.01	ND	17.97	NA	NA	
	5/17/2021	9:45	ND	10.72	ND	17.94	NA	NA	
	6/2/2021	11:20	ND	10.46	ND	17.96	NA	NA	
	6/16/2021	9:45	ND	10.41	ND	18.04	NA	NA	
	6/30/2021	9:10	ND	10.63	ND	18.02	NA	NA	
	7/14/2021	8:50	ND	10.03	ND	17.98	NA	NA	
	7/27/2021	8:23	ND	9.94	ND	18.07	NA	NA	
	8/11/2021	11:20	ND	10.23	ND	17.98	NA	NA	
	8/23/2021	10:10	ND	9.20	ND	18.07	NA	NA	
	9/8/2021	8:55	ND	10.89	ND	18.04	NA	NA	
	9/21/2021	10:30	ND	10.10	ND	18.03	NA	NA	
	10/7/2021	9:41	ND	10.06	ND	17.94	NA	NA	
	10/20/2021	7:45	ND	10.40	ND	18.00	NA	NA	
	11/4/2021	12:30	ND	9.92	ND	18.00	NA	NA	
	11/17/2021	8:00	ND	10.39	ND	18.02	NA	NA	
	12/1/2021	9:20	ND	10.64	ND	17.99	NA	NA	
	12/14/2021	8:05	ND	11.10	ND	18.01	NA	NA	
	12/28/2021	12:05	ND	10.39	ND	18.01	NA	NA	
	1/13/2022	9:05	ND	11.01	ND	18.01	NA	NA	
	1/27/2022	9:10	ND	11.00	ND	18.01	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-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	
	5/5/2021	10:55	ND	3.83	22.25	22.88	NA	0.63	
	5/6/2021	7:16	ND	3.84	22.60	22.88	NA	0.28	
	5/17/2021	10:21	ND	3.82	ND	22.86	NA	NA	
	6/2/2021	9:49	ND	3.80	21.84	22.89	NA	1.05	
	6/3/2021	8:40	ND	3.82	21.84	22.89	NA	1.05	Pre-pumping measurement
	6/3/2021	8:50	ND	3.85	ND	22.91	NA	NA	Post-pumping measurement ~3 gallons removed
	6/16/2021	10:25	ND	3.80	ND	22.74	NA	NA	
	6/30/2021	10:07	ND	3.86	ND	22.74	NA	NA	
	7/14/2021	9:20	ND	3.77	ND	22.96	NA	NA	
	7/27/2021	9:25	ND	3.83	21.83	22.93	NA	1.10	
	7/29/2021	8:10	ND	3.84	21.83	22.93	NA	1.10	Pre-pumping measurement
	7/29/2021	8:25	ND	8.25	ND	22.93	NA	NA	Post-pumping measurement ~5.1 gallons removed
	8/11/2021	11:40	ND	3.96	ND	23.00	NA	NA	
	8/23/2021	10:55	ND	3.81	22.65	22.80	NA	0.15	
	9/8/2021	9:52	ND	3.80	22.05	22.95	NA	0.90	
	9/9/2021	8:20	ND	3.76	22.05	22.95	NA	0.90	Pre-pumping measurement
	9/9/2021	8:25	ND	7.20	ND	22.95	NA	NA	Post-pumping measurement ~3.4 gallons removed
	9/21/2021	11:38	ND	3.83	ND	23.00	NA	NA	
	10/7/2021	11:45	ND	3.72	22.10	22.96	NA	0.86	
	10/8/2021	7:25	ND	3.73	22.06	22.95	NA	0.89	Pre-pumping measurement
	10/8/2021	8:33	ND	7.75	ND	22.96	NA	NA	Post-pumping measurement ~4 gallons removed
	10/20/2021	11:20	ND	3.75	ND	22.90	NA	NA	
	11/4/2021	12:55	ND	3.82	22.55	22.82	NA	0.27	
	11/17/2021	9:15	ND	4.03	22.20	22.79	NA	0.59	
	11/19/2021	10:05	ND	4.06	22.20	22.79	NA	0.59	Pre-pumping measurement
	11/19/2021	10:20	ND	4.07	ND	22.79	NA	NA	Post-pumping measurement ~6 gallons removed
	12/1/2021	11:25	ND	4.21	ND	22.97	NA	NA	
	12/14/2021	12:00	ND	4.51	22.70	23.00	NA	0.30	
	12/28/2021	12:10	ND	4.51	22.59	23.01	NA	0.42	
	1/13/2022	10:45	ND	4.41	ND	22.99	NA	NA	
	1/27/2022	10:50	ND	4.41	22.48	22.99	NA	0.51	
	1/28/2022	8:30	ND	4.39	22.44	22.99	NA	0.55	Pre-pumping measurement
	1/28/2022	8:35	ND	4.50	ND	22.99	NA	NA	Post-pumping measurement ~4 gallons 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-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	
	5/5/2021	10:05	ND	3.61	ND	21.17	NA	NA	
	5/17/2021	9:55	ND	3.71	ND	21.15	NA	NA	
	6/2/2021	9:39	ND	3.55	ND	21.21	NA	NA	
	6/16/2021	9:35	ND	3.65	ND	21.14	NA	NA	
	6/30/2021	9:05	ND	3.69	ND	21.16	NA	NA	
	7/14/2021	9:15	ND	3.53	ND	21.19	NA	NA	
	7/27/2021	8:38	ND	3.54	ND	21.11	NA	NA	
	8/11/2021	11:15	ND	3.73	ND	21.26	NA	NA	
	8/23/2021	10:15	ND	3.49	ND	21.12	NA	NA	
	9/8/2021	9:18	ND	3.36	ND	21.26	NA	NA	
	9/21/2021	10:17	ND	3.59	ND	21.15	NA	NA	
	10/7/2021	10:20	ND	3.46	ND	21.11	NA	NA	
	10/20/2021	7:35	ND	3.58	ND	22.17	NA	NA	
	11/4/2021	10:30	ND	3.62	ND	21.12	NA	NA	
	11/17/2021	8:05	ND	3.81	ND	21.05	NA	NA	
	12/1/2021	10:10	ND	4.07	ND	21.04	NA	NA	
	12/14/2021	8:30	ND	4.24	ND	21.09	NA	NA	
	12/28/2021	12:15	ND	4.17	ND	21.10	NA	NA	
	1/13/2022	9:40	ND	4.16	ND	21.11	NA	NA	
	1/27/2022	9:37	ND	4.11	ND	21.10	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 and 5/3/2021	Veolia ES
May-21	NA	NA	NA	23	7	NA	1.75	NA	6	NA	NA	37.75	5/5, 5/6, 5/17, and 5/20	6/16/2021	Veolia ES
Jun-21	NA	NA	NA	30	26.25	NA	2.25	NA	10.5	3	NA	72	6/2, 6/3, 6/30	8/11/21021	Veolia ES
Jul-21	NA	NA	NA	20	39.5	NA	1	NA	6.5	5.1	NA	72.1	7/1, 7/14, 7/15, 7/27, 7/29	8/11/2021	Veolia ES
Aug-21	NA	NA	NA	12.75	17.9	NA	1.5	NA	5.5	NA	NA	37.65	8/11, 8/12, 8/23, 8/24	9/23/2021	Veolia ES
Sep-21	NA	NA	NA	17.8	23	NA	1.5	NA	7	3.4	NA	52.7	9/8, 9/9, 9/21, 9/23	9/23/21 and 12/17/2021	Veolia ES
Oct-21	NA	NA	NA	11.75	30.5	NA	2.25	NA	5	4	NA	53.5	10/7, 10/8, 10/20, 10/21	12/17/2021	Veolia ES
Nov-21	NA	NA	NA	10	12	NA	0.5	NA	5	6	NA	33.5	11/4, 11/5, 11/17, 11/19	1/3/2022	Veolia ES
Dec-21	NA	NA	NA	453	25	NA	3.5	NA	7.25	NA	NA	488.75	12/1, 12/2, 12/14, 12/15, 12/28, 12/29	*1/3/2022 and Pending	Veolia ES
Jan-22	NA	NA	NA	30	9	NA	2.5	NA	4	4	NA	49.5	1/13, 1/14, 1/27, 1/28	Pending	Veolia ES
TOTAL TO DATE:												1936.45	gallons		

Notes: * On January 3, 2022, Veolia ES disposed of 275 gallons of DNAPL, including the 3.2 gallons of DNAPL that were generated on November 19, 2021, and 271.8 gallons of DNAPL that were generated on December 1, 2, 14, 15, 28, and 29, 2021. The remaining 216.95 gallons of DNAPL that were generated on December 29, 2021 and the 49.5 gallons of DNAPL that were generated on January 13, 14, 27, and 28, 2022 are currently pending off-site disposal.

DNAPL - Dense Non-Aqueous Phase Liquid
 NA - Not Applicable

ATTACHMENT A
VEOLIA AND BROOKSIDE MANIFESTS



A6

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYDCU: 633847		2. Page 1 of 1		3. Emergency Response Phone (870) 638-0387		4. Manifest Tracking Number 002087401 VES					
		5. Generator's Name and Mailing Address AVALON SUN SET LLC 1499 POST ROAD RAVENHILL, NY 12524 Generator's Phone: 518-415-7389								Generator's Site Address (if different than mailing address) 157-145 ALEXANDER STREET POLYCHROME WEST YONKERS, NY 10701			
GENERATOR		6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS						U.S. EPA ID Number NJ0080631365					
		7. Transporter 2 Company Name						U.S. EPA ID Number					
DESIGNATED FACILITY		9. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS LLC 1 EDEN LANE FLANDERS, NY 12536						U.S. EPA ID Number NJ0080536503					
		Facility's Phone: 518-447-7111											
TRANSPORTER		9a. 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.e.s., (BENZENE, COAL TAR), 3, 1				5 D M		2050		F		D001 B	
		2.											
		3.											
TRANSPORTER INT'L		4. Special Handling Instructions and Additional Information agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -/- 15 W 797344 A MARZULLI				E.R. Service Contracted by VES -/- Contract retained by generator's confers							
		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/Officer's Printed/Typed Name John Kasack						Signature 		Month Day Year 01/03/22			
		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 Tim Soja						Signature Tim Soja		Month Day Year 01/03/22			
DESIGNATED FACILITY		18. Discrepancy 18a. Discrepancy Indication: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						Manifest Reference Number:					
		18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
		Facility's Phone:						Month Day Year					
		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. 2. 3. 4.											
DESIGNATED FACILITY		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 Doreen Connors						Signature 		Month Day Year 01/03/22			

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

1

3. Emergency Response Phone

4. Waste Tracking Number

2481

5. Generator's Name and Mailing Address

Avalon Yonkers Sun Sites, LLC, 1499 Post Rd.
Fairfield CT 06824

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

Polychrome East
80-94 Alexander Street
Yonkers, NY 10701

Generator's Phone:

6. Transporter 1 Company Name

Brookside Environmental, Inc.

U.S. EPA ID Number

NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

3249 Richmond Terrace
Staten Island NY 10303

U.S. EPA ID Number

Facility's Phone:

718 981-4600

NYD0000968545

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity12. Unit
Wt./Vol.

1. Non-regulated material, solid

1

DM

150

GAL

NONE

2. Non-regulated material, liquid

1

DM

40

G

NONE

3.

4.

13. Special Handling Instructions and Additional Information

Treated PPE and debris. 2 Approval 237-257 City water Approval 237-238

Fungal water.

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/Offor's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

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:

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 Day Year