



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

December 23, 2020

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

Re: Progress Report – November 2020
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 November 2020.

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 November 2020.
- On November 4, 5, 18, and 19, 2020, 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 November 2020, no on-Site excavation activities below the final cover system occurred.
- On November 4 and 18, 2020, DNAPL gauging was conducted at NW-5, NW-6, NW-8, NW-9 (November 4, 2020 only), NW-10, and NW-11 (November 18, 2020 only). On November 4 and 18, 2020, AKRF completed the monthly gauging of the following groundwater monitoring and DNAPL recovery wells: MW-A, MW-B, MW-C, MW-D, MW-E, MW-F, 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. DNAPL recovery wells are equipped with 3-foot sumps. DNAPL was detected during the November 2020 monitoring events in NW-5, NW-6, NW-8, NW-9, NW-10, and NW-11, as summarized below and detailed in the attached Table 1.

Recovery Well ID	DNAPL Thickness 11/4/20 (feet)	DNAPL Thickness 11/18/2020 (feet)
NW-5	7.60	8.03
NW-6	3.78	4.71
NW-8	Trace	2.05
NW-9	Trace	ND
NW-10	5.74	6.61
NW-11	ND	Trace

ND – Not Detected

Note: Measured DNAPL thicknesses are estimated.

- On November 4 and 18, 2020, AKRF performed DNAPL removal activities with a 2-inch submersible pump and dedicated tubing at recovery wells at the Site. On November 4, 2020, ~4.25 gallons of DNAPL were removed from NW-10. On November 18, 2020, ~2 gallons of DNAPL were removed from NW-8, and ~4.5 gallons of DNAPL were removed from NW-10. 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 November 18, 2020, Veolia Environmental Services (VES) picked up one drum of DNAPL generated during the October 2020 and November 4 and 5, 2020 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 Period Review Report (PRR) for 2020.
- On November 5 and 19, 2020, AKRF performed oversight during additional DNAPL removal, which was completed by Eastern Environmental of Manorville, New York (Eastern). DNAPL was removed from recovery wells NW-5 (~22 gallons total) and NW-6 (~13 gallons total) utilizing a vacuum truck to apply vacuum on an internal 1-inch pipe within the respective recovery well. The recovered DNAPL was containerized in a 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 November 19, 2020, Eastern removed one drum of used PPE and oily debris. 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 A and will be included in the PRR for 2020.
- A total of 45.75 gallons of DNAPL were recovered during the reporting period, and 450.25 gallons of DNAPL have been recovered in total (year to date). DNAPL recovery totals are summarized in Table 2.
- AKRF anticipates to complete DNAPL gauging and removal in December 2020 using the same methods as described above while long-term trends and alternate recovery methods are evaluated.

The following work is planned for December:

- Annual groundwater sampling in accordance with the SMP;
- Annual Site-Wide and Site Cover inspections for the PRR;
- Grading activities with NYSDEC-approved topsoil, ¾-inch stone, and trap rock screenings;
- General site work above the Site-Wide Cover System;
- DNAPL recovery well monitoring and DNAPL recovery at a frequency of twice per month; 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.



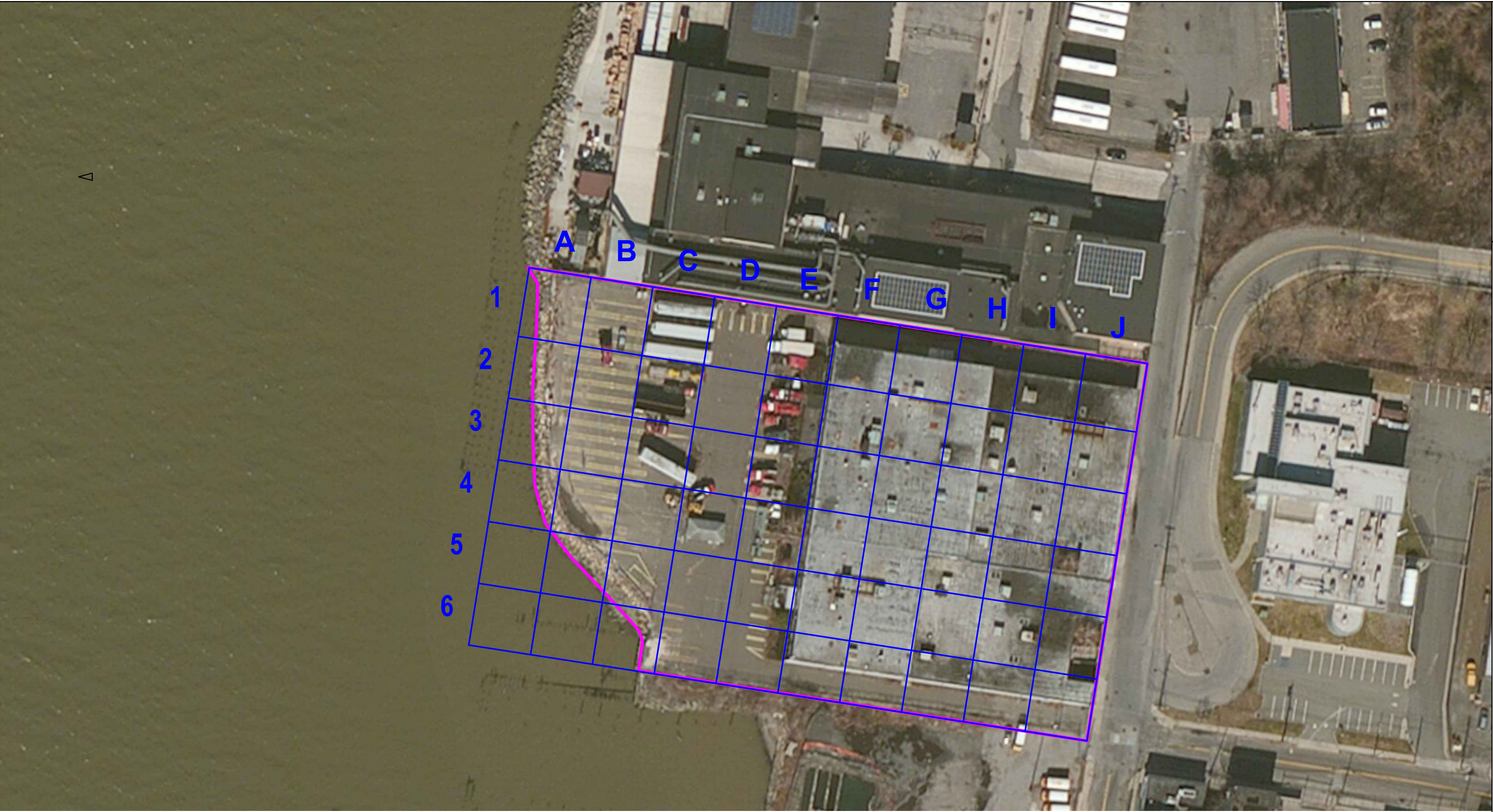
Patrick McHugh, P.E.
Environmental Engineer

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 – Veolia and Eastern 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

©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

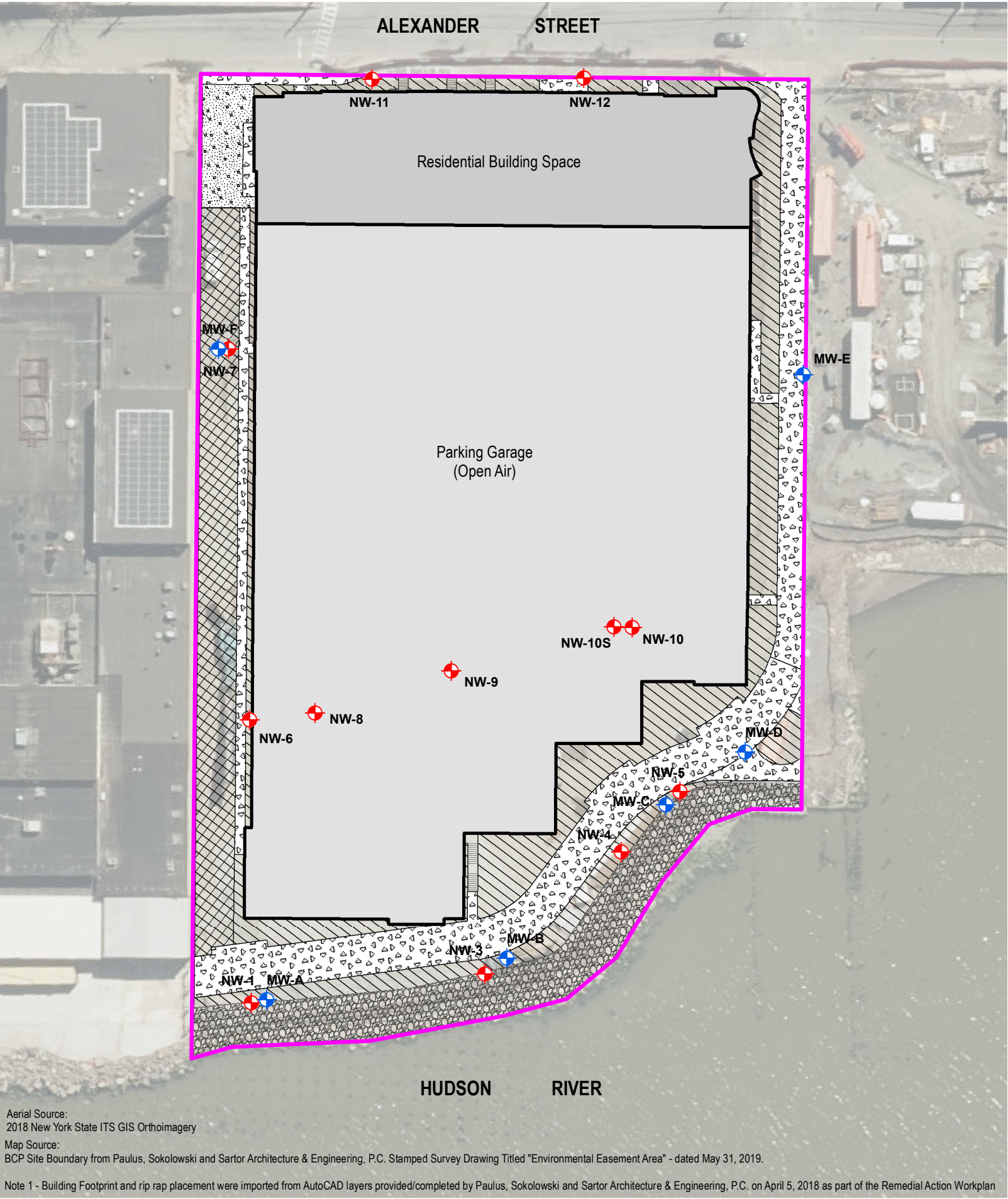
SITE PLAN WITH REFERENCE GRID

DATE

PROJECT NO.
40566

FIGURE
2

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



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)



Polychrome West
NYSDEC Site (BCP #C360099)
Yonkers, New York
NAPL RECOVERY & GROUNDWATER
MONITORING WELL LOCATION PLAN

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	1/9/2020	12:09	ND	8.35	ND	13.10	NA	NA	
	2/19/2020	10:00	ND	7.38	ND	13.11	NA	NA	
	3/25/2020	8:50	ND	7.39	ND	14.22	NA	NA	
	4/21/2020	8:22	ND	6.52	ND	13.18	NA	NA	
	5/19/2020	9:10	ND	6.70	ND	13.09	NA	NA	
	6/24/2020	7:53	ND	7.79	ND	13.11	NA	NA	
	7/15/2020	8:25	ND	6.89	ND	13.08	NA	NA	
	7/26/2020	9:15	ND	8.21	ND	13.20	NA	NA	
	8/12/2020	8:58	ND	7.76	ND	13.18	NA	NA	
	8/25/2020	10:55	ND	8.16	ND	13.20	NA	NA	
	9/10/2020	8:25	ND	7.62	ND	13.13	NA	NA	
	9/23/2020	8:05	ND	7.12	ND	13.16	NA	NA	
	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	
MW-B	1/9/2020	13:34	ND	11.39	ND	14.73	NA	NA	
	2/19/2020	10:00	ND	10.37	ND	14.71	NA	NA	
	3/25/2020	8:40	ND	10.52	ND	14.73	NA	NA	
	4/21/2020	8:30	ND	9.82	ND	14.71	NA	NA	
	5/19/2020	9:21	ND	9.88	ND	14.70	NA	NA	
	6/24/2020	7:51	ND	11.04	ND	14.68	NA	NA	
	7/15/2020	8:20	ND	9.90	ND	14.74	NA	NA	
	7/26/2020	9:22	ND	11.31	ND	14.67	NA	NA	
	8/12/2020	9:13	ND	10.94	ND	14.79	NA	NA	
	8/25/2020	11:00	ND	11.35	ND	14.83	NA	NA	
	9/10/2020	8:20	ND	10.73	ND	14.75	NA	NA	
	9/23/2020	8:00	ND	10.13	ND	14.78	NA	NA	
	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	
MW-C	1/9/2020	12:08	ND	12.38	ND	18.52	NA	NA	
	2/19/2020	10:00	ND	12.02	ND	17.96	NA	NA	
	3/25/2020	8:30	ND	11.74	ND	18.02	NA	NA	
	4/21/2020	8:37	ND	10.83	ND	17.75	NA	NA	
	5/19/2020	9:30	ND	11.36	ND	17.78	NA	NA	
	6/24/2020	7:49	ND	12.39	ND	17.74	NA	NA	
	7/15/2020	8:15	ND	11.37	ND	17.91	NA	NA	
	7/26/2020	9:30	ND	8.57	ND	12.38	NA	NA	
	8/12/2020	9:18	ND	8.40	ND	12.54	NA	NA	
	8/25/2020	11:05	ND	8.50	ND	12.58	NA	NA	
	9/10/2020	8:15	ND	7.99	ND	12.41	NA	NA	
	9/23/2020	7:55	ND	7.27	ND	12.42	NA	NA	
	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	12.55	NA	NA	
MW-D	1/9/2020	16:06	ND	11.16	ND	17.83	NA	NA	
	2/19/2020	10:00	ND	10.41	ND	17.89	NA	NA	
	3/25/2020	8:25	ND	10.65	ND	18.11	NA	NA	
	4/21/2020	8:41	ND	10.37	ND	17.90	NA	NA	
	5/19/2020	9:39	ND	10.35	ND	17.82	NA	NA	
	6/24/2020	7:46	ND	10.23	ND	17.80	NA	NA	
	7/15/2020	8:10	ND	8.40	ND	15.96	NA	NA	Well cut down to pavement level
	7/26/2020	9:37	ND	8.59	ND	15.92	NA	NA	
	8/12/2020	9:20	ND	8.71	ND	16.05	NA	NA	
	8/25/2020	11:10	ND	8.63	ND	16.44	NA	NA	
	9/10/2020	8:05	ND	8.53	ND	15.93	NA	NA	
	9/23/2020	7:50	ND	7.90	ND	15.95	NA	NA	
	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	

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-E	1/9/2020	16:03	ND	12.22	ND	15.39	NA	NA	
	2/19/2020	10:00	ND	7.84	ND	12.59	NA	NA	Well cut down to pavement level
	3/25/2020	8:20	ND	8.63	ND	12.58	NA	NA	
	4/21/2020	8:15	ND	7.77	ND	12.60	NA	NA	
	5/19/2020	9:50	ND	7.77	ND	12.54	NA	NA	
	6/24/2020	7:41	ND	9.21	ND	12.74	NA	NA	
	7/15/2020	8:00	ND	7.77	ND	12.5	NA	NA	
	7/26/2020	9:45	ND	9.13	ND	12.52	NA	NA	
	8/12/2020	9:24	ND	9.02	ND	12.61	NA	NA	
	8/25/2020	11:15	ND	8.75	ND	12.51	NA	NA	
	9/10/2020	8:00	ND	8.40	ND	12.58	NA	NA	
	9/23/2020	7:45	ND	8.22	ND	12.79	NA	NA	
	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	
MW-F	1/9/2020	15:55	ND	12.09	ND	20.04	NA	NA	
	2/19/2020	10:00	ND	12.07	ND	20.09	NA	NA	
	3/25/2020	8:55	ND	9.53	ND	17.79	NA	NA	
	4/21/2020	8:10	ND	9.38	ND	17.79	NA	NA	
	5/19/2020	10:03	ND	9.61	ND	17.65	NA	NA	
	6/24/2020	7:57	ND	9.38	ND	17.64	NA	NA	
	7/15/2020	8:30	ND	9.04	ND	17.66	NA	NA	
	7/26/2020	9:58	ND	9.32	ND	17.68	NA	NA	
	8/12/2020	9:04	ND	9.51	ND	17.7	NA	NA	
	8/25/2020	11:20	ND	9.37	ND	18.26	NA	NA	
	9/10/2020	9:10	ND	9.55	ND	17.67	NA	NA	
	9/23/2020	8:10	ND	9.49	ND	17.69	NA	NA	
	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	
NW-1	1/9/2020	12:47	ND	8.4	ND	20.55	NA	NA	
	2/19/2020	11:30	ND	7.75	ND	20.39	NA	NA	
	3/25/2020	9:45	ND	7.02	ND	20.48	NA	NA	
	4/21/2020	9:07	ND	6.23	ND	20.50	NA	NA	
	5/19/2020	10:58	ND	7.02	ND	20.41	NA	NA	
	6/24/2020	8:43	ND	7.61	ND	20.39	NA	NA	
	7/15/2020	9:20	ND	6.98	ND	20.42	NA	NA	
	7/26/2020	10:40	ND	7.99	ND	20.38	NA	NA	
	8/12/2020	10:06	ND	7.76	ND	20.39	NA	NA	
	8/25/2020	12:05	ND	7.76	ND	20.36	NA	NA	
	9/10/2020	9:45	ND	7.72	ND	20.42	NA	NA	
	9/23/2020	8:50	ND	7.14	ND	20.48	NA	NA	
	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	
NW-3	1/9/2020	12:52	ND	10.84	ND	35.31	NA	NA	
	2/19/2020	11:30	ND	10.21	ND	35.95	NA	NA	
	3/25/2020	9:50	ND	9.04	ND	35.33	NA	NA	
	4/21/2020	9:10	ND	8.32	ND	35.48	NA	NA	
	5/19/2020	11:10	ND	9.30	ND	35.39	NA	NA	
	6/24/2020	8:40	ND	10.03	ND	35.16	NA	NA	
	7/15/2020	9:25	ND	8.97	ND	35.08	NA	NA	
	7/26/2020	10:53	ND	10.58	ND	35.13	NA	NA	
	8/12/2020	10:10	ND	10.19	ND	35.12	NA	NA	
	8/25/2020	12:00	ND	10.15	ND	35.87	NA	NA	
	9/10/2020	9:50	ND	10.08	ND	35.08	NA	NA	
	9/23/2020	8:55	ND	9.09	ND	35.18	NA	NA	
	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	

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	1/9/2020	13:44	ND	11.82	ND	45.89	NA	NA	
	2/19/2020	11:30	ND	11.08	ND	46.26	NA	NA	
	3/25/2020	9:55	ND	11.10	ND	46.48	NA	NA	
	4/21/2020	10:00	ND	10.64	ND	45.71	NA	NA	
	5/19/2020	11:22	ND	10.98	ND	45.48	NA	NA	
	6/24/2020	9:13	ND	10.97	ND	45.43	NA	NA	
	7/15/2020	9:35	ND	10.76	ND	45.37	NA	NA	
	7/26/2020	11:05	ND	9.00	ND	43.19	NA	NA	Well cut to grade, sidewalk flushmount in progress.
	8/12/2020	11:07	ND	8.98	ND	43.22	NA	NA	
	8/25/2020	12:45	ND	8.91	ND	44.52	NA	NA	
	9/10/2020	10:10	ND	8.89	ND	43.12	NA	NA	
	9/23/2020	9:25	ND	8.26	ND	43.28	NA	NA	
	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	
NW-5	1/9/2020	10:00	ND	12.04	32.86	39.97	NA	7.11	Pre-pumping measurement. ~ 7 gallons removed
	1/9/2020	13:36	ND	12.84	ND	38.45	NA	NA	Post-pumping measurement.
	1/10/2020	10:30	ND	11.29	ND	38.39	NA	NA	
	1/10/2020	12:53	ND	12.53	ND	40.38	NA	NA	
	2/19/2020	13:00	ND	12.33	33.39	40.38	NA	6.99	Pre-pumping measurement
	2/21/2020	13:05	ND	12.33	ND	40.38	NA	NA	Post-pumping measurement ~7.5 gallons removed
	3/25/2020	12:00	ND	11.75	33.05	40.38	NA	7.33	Pre-pumping measurement
	3/26/2020	9:00	ND	11.75	37.6	37.80	NA	NA	Post-pumping measurement ~7.5 gallons removed
	4/21/2020	11:20	ND	10.52	33.15	40.38	NA	7.23	Pre-pumping measurement
	4/22/2020	14:30	ND	NA	36.50	39.94	NA	3.44	Post-pumping measurement ~8 gallons removed
	4/30/2020	10:30	ND	NA	33.00	39.94	NA	6.94	
	5/7/2020	9:50	ND	10.40	32.80	39.94	NA	7.14	LNAPL film
	5/14/2020	14:00	ND	11.80	32.70	39.94	NA	7.24	
	5/19/2020	13:15	ND	10.71	32.05	39.82	NA	7.77	Pre-pumping measurement
	5/21/2020	10:45	ND	10.16	35.96	39.82	NA	3.86	Post-pumping measurement ~30 gallons removed (additonal while troubleshooting low flow rate)
	6/12/2020	12:30	ND	11.17	33.00	39.82	NA	6.82	
	6/24/2020	10:39	ND	11.20	32.80	39.82	NA	7.02	Pre-pumping measurement
	6/25/2020	10:00	ND	11.20	37.82	39.82	NA	2.00	Post-pumping measurement ~8 gallons removed
	6/29/2020	13:25	ND	11.86	33.96	39.96	NA	6.00	
	7/8/2020	11:00	ND	10.98	33.10	39.96	NA	6.86	
	7/15/2020	11:30	ND	11.59	32.80	39.96	NA	7.16	Pre-pumping measurement
	7/16/2020	12:20	ND	11.59	37.96	39.96	NA	2.00	Post-pumping measurement ~8 gallons removed
	7/22/2020	12:50	ND	7.80	31.82	36.00*	NA	4.18*	Well in process of being converted to flush mount, change in height. Unable to measure total depth due to DNAPL viscosity. * = ESTIMATED
	7/26/2020	12:55	ND	8.60	29.63	36.00*	NA	6.37*	Pre-pumping measurement
	7/27/2020	10:30	ND	8.59	32.61	36.00*	NA	3.39*	Post-pumping measurement ~3 gallons removed
	8/6/2020	12:45	ND	7.63	32.61	36.00*	NA	3.39*	Unable to measure total depth due to DNAPL viscosity.
	8/12/2020	11:56	ND	9.00	29.71	36.00*	NA	6.29*	Pre-pumping measurement. Unable to measure total depth due to DNAPL viscosity.
	8/13/2020	9:40	ND	8.97	34.00	36.00*	NA	2.0*	Post-pumping measurement ~8 gallons removed. Pumpable DNAPL fully evacuated, but semi-solid/solid high viscosity layer present at 34'.
	8/26/2020	9:15	ND	9.29	NM	36.00*	NA	~5	Pre-pumping measurement. Weighted tape utilized to measure total depth (estimated at 38' bgs). ~5' of DNAPL observed on weighted tape. AKRF to verify final well depth during subsequent pumping event after well surging.
	8/26/2020	11:35	ND	-	ND	36.00*	NA	NA	Post-pumping measurement (~40 gallons removed). Pumpable DNAPL fully evacuated, but semi-solid/solid high viscosity layer present at 34'.
	9/10/2020	11:35	ND	8.71	31.40	37.65	NA	6.25	Pre-pumping measurement (Well cut ~3' to grade within last two months)
	9/11/2020	9:35	ND	8.85	ND	37.69	NA	NA	Post-pumping measurement ~7 gallons removed
	9/23/2020	11:00	ND	8.10	30.10	37.65	NA	7.55	Pre-pumping measurement
	9/24/2020	9:45	ND	9.00	ND	37.10	NA	NA	Post-pumping measurement ~5 gallons removed
	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

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	1/9/2020	10:05	ND	10.82	32.21	38.87	NA	6.66	Pre-pumping measurement ~2 gallons removed
	1/9/2020	10:41	ND	10.83	ND	38.89	NA	NA	Post-pumping measurement.
	1/10/2020	12:50	ND	10.26	ND	39.23	NA	NA	
	1/10/2020	15:00	ND	10.46	ND	39.55	NA	NA	
	2/19/2020	13:00	ND	10.42	32.24	39.55	NA	7.31	Pre-pumping measurement
	2/21/2020	13:05	ND	10.42	ND	39.55	NA	NA	Post-pumping measurement ~7.5 gallons removed
	3/25/2020	11:30	ND	8.88	31.18	38.53	NA	7.35	Well cut down prior to 3/25/20. Pre-pumping measurement.
	3/26/2020	10:00	ND	8.88	ND	38.53	NA	NA	Post-pumping measurement ~7.5 gallons removed
	4/21/2020	11:02	ND	8.45	31.60	38.53	NA	6.93	Pre-pumping measurement
	4/22/2020	11:15	ND	9.15	ND	35.69	NA	NA	Post-pumping measurement ~8 gallons removed
	4/30/2020	10:30	ND	NA	34.02	38.53	NA	4.51	
	5/7/2020	9:50	ND	8.45	32.70	38.53	NA	5.83	
	5/14/2020	14:00	ND	9.49	31.70	38.53	NA	6.83	
	5/19/2020	13:02	ND	9.05	31.39	38.50	NA	7.11	Pre-pumping measurement
	5/21/2020	11:20	ND	9.46	ND	38.51	NA	NA	Post-pumping measurement ~15 gallons removed
	6/12/2020	11:40	ND	9.34	ND	28.59	NA	NA	
	6/24/2020	10:10	ND	9.09	31.40	38.50	NA	7.10	
	6/25/2020	11:15	ND	9.09	ND	38.50	NA	NA	Post-pumping measurement ~8 gallons removed
	6/29/2020	12:20	ND	9.11	34.81	38.70	NA	3.89	
	7/8/2020	10:15	ND	8.96	32.60	38.70	NA	6.10	
	7/15/2020	11:10	ND	8.89	31.40	38.70	NA	7.30	Pre-pumping measurement
	7/16/2020	14:15	ND	8.89	37.70	38.70	NA	1.00	Post-pumping measurement ~8 gallons removed
	7/22/2020	11:45	ND	8.78	37.50	38.64	NA	1.14	
	7/26/2020	12:40	ND	9.32	31.72	38.64	NA	6.92	Pre-pumping measurement
	7/27/2020	9:30	ND	9.32	ND	38.64	NA	NA	Post-pumping measurement ~10 gallons removed
	8/6/2020	11:30	ND	8.74	37.65	38.64	NA	0.99	
	8/12/2020	11:41	ND	9.49	34.78	38.61	NA	3.83	Pre-pumping measurement
	8/13/2020	8:45	ND	9.49	ND	38.61	NA	NA	Post-pumping measurement ~10 gallons removed
	8/26/2020	8:45	ND	6.21	ND	26.24	NA	NA	Pre-pumping measurement, DNAPL depth not indicated on probe. Unable to measure total depth due to high DNAPL viscosity.
	8/26/2020	12:30	ND	8.10	ND	30.19	NA	NA	Post-pumping measurement ~15 gallons removed
	9/10/2020	12:00	ND	9.55	32.85	35.55	NA	2.70	Pre-pumping measurement
	9/11/2020	10:45	ND	9.55	ND	37.26	NA	NA	Post-pumping measurement ~6 gallons removed
	9/23/2020	10:30	ND	8.85	33.50	35.55	NA	2.05	Pre-pumping measurement
	9/24/2020	10:20	ND	9.30	ND	38.40	NA	NA	Post-pumping measurement ~5 gallons removed
	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
NW-7	1/9/2020	14:50	ND	9.59	ND	22.08	NA	NA	
	2/19/2020	11:30	ND	9.55	ND	22.99	NA	NA	
	3/25/2020	9:40	ND	9.37	ND	23.19	NA	NA	Well cut down prior to 3/25/20.
	4/21/2020	9:00	ND	9.19	ND	23.11	NA	NA	
	5/19/2020	11:29	ND	9.49	ND	23.08	NA	NA	
	6/24/2020	8:50	ND	9.19	ND	22.98	NA	NA	
	7/22/2020	9:15	ND	8.94	ND	22.99	NA	NA	
	7/26/2020	11:15	ND	9.14	ND	22.92	NA	NA	
	8/12/2020	10:01	ND	9.33	ND	22.98	NA	NA	
	8/25/2020	12:55	ND	9.24	ND	23.16	NA	NA	
	9/10/2020	9:35	ND	9.40	ND	22.9	NA	NA	
	9/23/2020	8:45	ND	9.24	ND	23.01	NA	NA	
	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	9.27	ND	23.82	NA	NA	
NW-8	1/9/2020	14:36	ND	11.41	33.81	36.20	NA	2.39	
	1/10/2020	12:50	ND	10.43	35.70	36.20	NA	0.50	Pre-pumping measurement ~1.5 gallons removed
	1/10/2020	14:10	ND	10.61	ND	36.25	NA	NA	Post-pumping measurement
	1/10/2020	15:35	ND	10.90	ND	36.34	NA	NA	
	2/19/2020	14:30	ND	10.93	31.64	36.34	NA	4.70	Pre-pumping measurement
	2/19/2020	16:30	ND	10.86	ND	36.34	NA	NA	Post-pumping measurement ~4.5 gallons removed
	3/25/2020	13:00	ND	9.81	32.42	36.30	NA	3.88	Pre-pumping measurement
	3/25/2020	13:30	ND	9.81	ND	36.30	NA	NA	Post-pumping measurement ~4 gallons removed
	4/21/2020	14:05	ND	9.87	32.59	32.64	NA	4.05	Pre-pumping measurement
	4/21/2020	14:55	ND	NA	ND	36.64	NA	NA	Post-pumping measurement ~3 gallons removed
	4/30/2020	10:30	ND	NA	34.20	36.64	NA	2.44	
	5/7/2020	9:50	ND	9.66	33.58	36.64	NA	3.06	

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 (cont)	5/14/2020	14:00	ND	10.83	32.90	36.64	NA	3.74	
	5/19/2020	12:51	ND	10.37	32.92	36.52	NA	3.60	Pre-pumping measurement
	5/20/2020	14:15	ND	10.28	ND	36.52	NA	NA	Post-pumping measurement ~3.25 gallons removed
	6/12/2020	12:00	ND	10.73	34.04	36.52	NA	2.48	
	6/24/2020	13:10	ND	9.90	33.44	36.52	NA	3.08	Pre-pumping measurement
	6/24/2020	14:00	ND	9.90	ND	36.35	NA	NA	Post-pumping measurement ~3 gallons removed
	6/29/2020	12:55	ND	10.50	35.97	36.22	NA	0.25	
	7/8/2020	10:30	ND	10.17	34.52	36.22	NA	1.70	
	7/15/2020	13:00	ND	10.60	34.75	36.20	NA	1.45	Pre-pumping measurement
	7/15/2020	13:30	ND	10.60	ND	36.20	NA	NA	Post-pumping measurement ~2 gallons removed
	7/22/2020	12:10	ND	9.90	35.76	36.25	NA	0.49	
	7/26/2020	14:10	ND	10.21	35.75	36.24	NA	0.49	Pre-pumping measurement
	7/26/2020	14:45	ND	10.21	ND	36.24	NA	NA	Post-pumping measurement ~2 gallons removed
	8/6/2020	12:00	ND	9.93	ND	36.24	NA	NA	
	8/13/2020	11:30	ND	10.11	35.04	36.22	NA	1.18	Pre-pumping measurement
	8/13/2020	12:15	ND	10.11	ND	36.22	NA	NA	Post-pumping measurement ~1.25 gallons removed
	8/25/2020	8:40	ND	10.59	35.65	36.55	NA	0.90	Pre-pumping measurement
	8/25/2020	9:05	ND	10.59	ND	36.55	NA	NA	Post-pumping measurement ~4 gallons removed
	9/10/2020	13:00	ND	10.52	35.35	36.55	NA	1.20	Pre-pumping measurement
	9/10/2020	13:30	ND	10.52	ND	36.55	NA	NA	Post-pumping measurement ~1 gallon removed
	9/23/2020	12:45	ND	9.85	35.70	36.55	NA	0.85	Pre-pumping measurement
	9/23/2020	13:15	ND	9.85	ND	36.55	NA	NA	Post-pumping measurement ~1 gallon removed
	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	Trace	
	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
NW-9	1/9/2020	14:40	ND	11.6	ND	33.78	NA	NA	
	2/19/2020	11:30	ND	10.77	ND	34.17	ND	ND	
	3/25/2020	10:00	ND	10:45	ND	33.73	ND	ND	
	4/21/2020	10:10	ND	10.52	ND	33.80	ND	ND	
	5/19/2020	11:37	ND	10.3	ND	33.69	ND	ND	
	6/24/2020	9:23	ND	10.60	ND	33.58	ND	ND	
	7/15/2020	9:45	ND	10.22	ND	33.52	ND	ND	
	7/26/2020	11:26	ND	10.90	ND	33.52	ND	ND	
	8/12/2020	10:56	ND	10.97	ND	33.6	NA	NA	
	8/25/2020	13:00	ND	11.03	ND	33.18	NA	NA	
	9/10/2020	10:30	ND	11.88	ND	33.60	NA	NA	Trace LNAPL on tape
	9/23/2020	9:25	ND	10.22	ND	33.69	NA	NA	
	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	Trace	
	11/18/2020	10:50	ND	10.89	ND	34.56	NA	NA	
NW-10	1/9/2020	15:02	ND	11.67	28.12	33.58	NA	5.46	
	1/10/2020	11:00	ND	10.64	27.80	33.90	NA	6.10	Pre-pumping measurement ~6 gallons removed
	1/10/2020	11:25	ND	10.64	ND	33.80	NA	NA	Post-pumping measurement
	1/10/2020	15:30	ND	10.86	ND	33.80	NA	NA	
	2/19/2020	13:30	ND	11.00	27.39	33.80	NA	6.41	Pre-pumping measurement
	2/19/2020	15:00	ND	11.14	ND	33.80	NA	NA	Post-pumping measurement ~4.5 gallons removed
	3/25/2020	14:00	ND	10.00	28.04	33.91	NA	5.87	Pre-pumping measurement
	3/25/2020	13:45	ND	10.00	ND	33.91	NA	NA	Post-pumping measurement ~5 gallons removed
	4/21/2020	12:38	ND	9.86	27.90	33.91	NA	6.01	Pre-pumping measurement
	4/21/2020	13:50	ND	NA	ND	33.78	NA	NA	Post-pumping measurement ~4 gallons removed
	4/30/2020	10:30	ND	NA	27.80	33.78	NA	5.98	
	5/7/2020	9:50	ND	10.00	27.65	33.78	NA	6.13	LNAPL film
	5/14/2020	14:00	ND	11.18	27.30	33.78	NA	6.48	
	5/19/2020	12:40	ND	10.50	27.68	33.75	NA	6.07	Pre-pumping measurement
	5/20/2020	13:15	ND	10.56	ND	33.75	NA	NA	Post-pumping measurement ~4.75 gallons removed
	6/12/2020	12:00	ND	10.09	27.27	33.75	NA	6.48	
	6/24/2020	12:00	ND	10.28	27.43	33.75	NA	6.32	Pre-pumping measurement
	6/24/2020	13:00	ND	10.28	ND	33.64	NA	NA	Post-pumping measurement ~5 gallons removed
	6/29/2020	12:40	ND	10.63	29.27	33.62	NA	4.35	
	7/8/2020	10:45	ND	10.36	27.86	33.62	NA	5.76	
	7/15/2020	13:45	ND	10.69	27.70	34.65	NA	6.95	Pre-pumping measurement
	7/15/2020	14:25	ND	10.69	ND	34.65	NA	NA	Post-pumping measurement ~4 gallons removed
	7/22/2020	12:25	ND	10.16	28.74	34.15	NA	5.41	
	7/26/2020	13:10	ND	10.70	27.55	34.17	NA	6.62	Pre-pumping measurement
	7/26/2020	14:00	ND	10.70	ND	34.17	NA	NA	Post-pumping measurement ~4.75 gallons removed
	8/6/2020	12:20	ND	10.43	27.86	34.17	NA	6.31	

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)	8/12/2020	13:30	ND	10.93	27.70	33.63	NA	5.93	Pre-pumping measurement
	8/12/2020	14:00	ND	10.93	ND	33.63	NA	NA	Post-pumping measurement ~6.5 gallons removed
	8/25/2020	10:20	ND	10.79	ND	*	NA	NA	Post-pumping measurement ~6 gallons removed. Total depth unobtained due to obstruction at 23'.
	9/10/2020	13:50	ND	10.71	29.75	33.18	NA	3.43	Pre-pumping measurement
	9/10/2020	14:30	ND	10.71	ND	33.18	NA	NA	Post-pumping measurement ~4 gallons removed
	9/23/2020	13:45	ND	9.95	27.70	33.18	NA	5.48	Pre-pumping measurement
	9/23/2020	14:00	ND	9.95	ND	33.18	NA	NA	Post-pumping measurement ~5 gallons removed
	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
NW-10S	1/9/2020	15:00	ND	11.15	ND	18.11	NA	NA	
	2/19/2020	11:30	ND	10.60	ND	17.99	NA	NA	
	3/25/2020	9:35	ND	10.59	ND	18.03	NA	NA	
	4/21/2020	9:15	ND	10.25	ND	18.06	NA	NA	
	5/19/2020	11:45	ND	10.44	ND	18.00	NA	NA	
	6/24/2020	8:37	ND	10.39	ND	17.98	NA	NA	
	7/15/2020	9:00	ND	10.2	ND	18.00	NA	NA	
	7/26/2020	11:36	ND	10.55	ND	18.00	NA	NA	
	8/12/2020	10:14	ND	10.60	ND	18.04	NA	NA	
	8/26/2020	10:25	ND	10.55	ND	18.61	NA	NA	
	9/10/2020	9:30	ND	10.57	ND	18.00	NA	NA	
	9/23/2020	9:05	ND	9.94	ND	18.03	NA	NA	
	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	
NW-11	1/9/2020	9:07	ND	6.06	17.51	24.37	NA	6.86	Pre-pumping measurement ~ 3 gallons removed
	1/9/2020	9:36	ND	9.03	ND	24.81	NA	NA	Post-pumping measurement.
	1/10/2020	9:50	ND	6.07	ND	24.38	NA	NA	
	1/10/2020	14:50	ND	6.04	ND	24.39	NA	NA	
	2/19/2020	13:00	ND	5.96	22.31	24.39	NA	2.08	Pre-pumping measurement
	2/21/2020	9:50	ND	5.96	ND	24.39	NA	NA	Post-pumping measurement ~3 gallons removed
	3/25/2020	11:05	ND	5.98	ND	24.52	NA	NA	
	3/26/2020	10:05	ND	5.98	24.2	24.6	NA	0.4	Pumping not completed (less than 0.5 feet of DNAPL)
	4/21/2020	10:16	ND	5.80	23.48	24.6	NA	1.12	Pre-pumping measurement
	4/22/2020	10:15	ND	8.53	ND	26.68	NA	NA	Post-pumping measurement ~4 gallons removed
	4/30/2020	10:30	ND	NA	ND	26.68	NA	NA	
	5/7/2020	9:50	ND	5.45	23.95	26.68	NA	2.73	LNAPL film
	5/14/2020	14:00	ND	5.78	23.75	26.68	NA	2.93	
	5/19/2020	12:30	ND	8.90	23.74	26.65	NA	2.91	Pre-pumping measurement
	5/21/2020	9:15	ND	12.16	ND	26.68	NA	NA	Post-pumping measurement ~10 gallons removed
	6/12/2020	12:00	ND	6.09	23.96	26.68	NA	2.72	
	6/24/2020	9:30	ND	5.85	23.85	26.68	NA	2.83	Pre-pumping measurement
	6/25/2020	9:15	ND	5.85	ND	26.68	NA	NA	Post-pumping measurement ~4 gallons removed
	6/29/2020	12:00	ND	6.01	23.79	24.73	NA	0.94	
	7/8/2020	10:00	ND	6.10	23.30	24.73	NA	1.43	
	7/15/2020	10:50	ND	5.87	22.86	24.58	NA	1.72	Pre-pumping measurement
	7/16/2020	10:30	ND	5.87	ND	24.55	NA	NA	Post-pumping measurement ~4 gallons removed
	7/22/2020	11:30	ND	5.99	24.31	24.55	NA	0.24	
	7/26/2020	12:20	ND	5.95	23.17	24.56	NA	1.39	Pre-pumping measurement
	7/27/2020	8:50	ND	5.97	ND	24.56	NA	NA	Post-pumping measurement ~2 gallons removed
	8/6/2020	11:10	ND	5.97	24.40	24.56	NA	0.16	
	8/12/2020	11:33	ND	6.03	< 6"	24.69	NA	NA	No product detected, minor NAPL on probe.
	8/25/2020	14:00	ND	5.98	ND	24.84	NA	NA	No product detected, minor NAPL on probe.
	9/10/2020	11:15	ND	6.10	23.20	24.53	NA	1.33	Pre-pumping measurement
	9/11/2020	8:05	ND	8.35	ND	24.68	NA	NA	Post-pumping measurement ~2 gallons removed
	9/23/2020	10:00	ND	6.21	24.35	24.53	NA	0.18	
	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	Trace	

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	1/9/2020	12:01	ND	6.98	ND	24.21	NA	NA	
	2/19/2020	11:30	ND	6.89	ND	23.94	NA	NA	
	3/25/2020	10:10	ND	13.75	ND	20.95	NA	NA	Well cut down prior to 3/25/20.
	4/21/2020	9:20	ND	3.61	ND	21.09	NA	NA	
	5/19/2020	11:55	ND	3.74	ND	21.04	NA	NA	
	6/24/2020	8:53	ND	3.35	ND	21.03	NA	NA	
	7/15/2020	9:05	ND	3.63	ND	21.04	NA	NA	
	7/26/2020	11:45	ND	3.71	ND	21.09	NA	NA	
	8/12/2020	9:56	ND	3.81	ND	21.07	NA	NA	
	8/25/2020	13:10	ND	3.79	ND	21.32	NA	NA	
	9/10/2020	10:00	ND	3.94	ND	21.10	NA	NA	
	9/23/2020	9:00	ND	3.95	ND	21.21	NA	NA	
	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	

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	Monthly Total	Date Generated	Off-Site Disposal Date	Disposal Location
Jan-20	NA	NA	NA	7	2	NA	1.5	NA	6	3	NA	19.5	1/9 -1/10/20	2/21/2020	Veolia ES
Feb-20	NA	NA	NA	7.5	7.5	NA	4.5	NA	4.5	3	NA	27	2/19 and 2/21/20	2/21/2020	Veolia ES
Mar-20	NA	NA	NA	7.5	7.5	NA	4	NA	5	NA	NA	24	3/25 and 3/26/20	5/20/2020	Veolia ES
Apr-20	NA	NA	NA	8	8	NA	3	NA	4	4	NA	27	4/21 and 4/22/20	5/20/2020	Veolia ES
May-20	NA	NA	NA	30	15	NA	3.25	NA	4.75	10	NA	63	5/20 and 5/21/20	7/29/2020	Veolia ES
Jun-20	NA	NA	NA	8	8	NA	3	NA	5	4	NA	28	6/24 and 6/25/20	7/29/2020	Veolia ES
Jul-20	NA	NA	NA	11	18	NA	4	NA	8.75	6	NA	47.75	7/15, 7/16, 7/26, and 7/27	7/29/2020	Veolia ES
Aug-20	NA	NA	NA	48	25	NA	5.25	NA	12.5	NA	NA	90.75	8/12, 8/13, 8/24, and 8/25	8/26/2020	Veolia ES
Sep-20	NA	NA	NA	12	11	NA	2	NA	9	2	NA	36	9/10, 9/11, 9/23, and 9/24	10/8/2020	Veolia ES
Oct-20	NA	NA	NA	16	11	NA	1.75	0.5	9.25	3	NA	41.5	10/7, 10/14, and 10/21	11/18/2020	Veolia ES
Nov-20	NA	NA	NA	22	13	NA	2	NA	8.75	NA	NA	45.75	11/4, 11/5, 11/18, and 11/19	*11/18/2020 /Pending	Veolia ES
TOTAL TO DATE:												450.25	gallons		

Notes: * On November 18, 2020, Veolia ES disposed of one drum of DNAPL generated from NW-5, NW-6, NW-8, NW-9, and NW-10 on between October 7 and November 5, 2020. Approximately fifteen (15) gallons of DNAPL that were generated at NW-5 and NW-6 on November 19, 2020 are currently pending off-site disposal and remain on-Site.
 DNAPL - Dense Non-Aqueous Phase Liquid
 NA - Not Applicable

ATTACHMENT A – VES AND EASTERN MANIFESTS



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Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD001833847	2. Page 1 of 1	3. Emergency Response Phone (677) 318-0087	4. Manifest Tracking Number 001885686 VES	
5. Generator's Name and Mailing Address POLYCHROME WEST 34 SOUTH BROADWAY SUITE #401 WHITE PLAINS, NY 10701 Generator's Phone: 202 415 7360		6. Generator's Site Address (if different than mailing address) 130-145 ALEXANDER STREET BUILDING 2 YONKERS, NY 10701				
8. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number NYD080631369				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS L.L.C. 1 ELDEN LANE FLANDERS, NJ 07836		U.S. EPA ID Number NJD980536593				
Facility's Phone: 973 347-7111						
GENERATOR	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.o.s., (BENZENE, CUAL-TAR), 3, II	1	DM	250 489	P	DO01 B DO18
	2.					
	3.					
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS - Contract retained by generator unless agency authority on initial transporter to add or substitute additional transporters on generator's behalf - 1) W: 297344 A: MARCULP#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/Officer's Printed/Typed Name x John Fitzpatrick						
Signature [Signature]						
Month Day Year 12 11 20						
TRANSPORTER INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Michael L. Smith						
Signature [Signature]						
Month Day Year 11 18 20						
Transporter 2 Printed/Typed Name						
Signature						
Month Day Year						
DESIGNATED FACILITY	13. Discrepancy					
	13a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Manifest Reference Number:					
	13b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone:					
18a. 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. HLH 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 Shiner						
Signature [Signature]						
Month Day Year 11 18 20						

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address <i>139-145 Alexander Street Hickory</i>			Generator's Site Address (if different than mailing address)		
Generator's Phone: <i>Amherst Reg. Services</i>					
6. Transporter 1 Company Name <i>EASTERN ENVIRONMENT SOLUTIONS</i>			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>CLERK WASTE CO 3347 RICHMOND TERR STATEN ISLAND NY</i>			U.S. EPA ID Number		
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. <i>NON-HAZ OILY/TPPE</i>		<i>1</i>	<i>DM35 P</i>		
2. <i>NON-HAZ OILY/TPPE</i>		<i>1</i>	<i>DM35 P</i>		
3.					
4.					
13. Special Handling Instructions and Additional Information					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>John J. Pappas</i>			Signature <i>[Signature]</i>		Month Day Year <i>11/19/20</i>
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Month Day Year <i>11/19/20</i>
	Transporter Signature (for exports only):		Date leaving U.S.:		
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials		Signature		Month Day Year <i>11/19/20</i>
	Transporter 1 Printed/Typed Name <i>Michael R. DDD</i>		Signature <i>[Signature]</i>		Month Day Year <i>11/19/20</i>
TRANSPORTER	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:				
	U.S. EPA ID Number				
DESIGNATED FACILITY	17b. Alternate Facility (or Generator)				
	Facility's Phone:				
DESIGNATED FACILITY	17c. Signature of Alternate Facility (or Generator)				
	Month Day Year				
DESIGNATED FACILITY	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
	Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year <i>11/20/20</i>