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June 26, 2020

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

Re: Progress Report – May 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 May 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 May 2020.
- On May 19, 20 and 21, 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 May 2020, no on-Site excavation activities below the final cover system occurred. Building construction and general site work were paused due to ongoing COVID-19 limitations.
- On May 7 and 14, 2020, DNAPL gauging was conducted at NW-5, NW-6, NW-8, NW-10, and NW-11. On May 19, 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 May 2020 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 5/7/20 (feet)	DNAPL Thickness 5/14/20 (feet)	DNAPL Thickness 5/19/20 (feet)
NW-5	7.14	7.24	7.77
NW-6	5.83	6.83	7.11
NW-8	3.06	3.74	3.60
NW-10	6.13	6.48	6.07
NW-11	2.73	2.93	2.91

Note: Measured DNAPL thicknesses are estimated.

- On May 20, 2020, AKRF performed DNAPL removal activities with a 2-inch submersible pump and dedicated tubing at recovery wells NW-8 (~3.25 gallons) and NW-10 (~4.75 gallons). 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 May 20, 2020 Eastern Environmental of Manorville, New York (Eastern) removed and replaced the internal 1-inch PVC vacuum pipes located within wells NW-5, NW-6 and NW-11 with 1-inch stainless steel pipes. The corrosive nature of the DNAPL had deteriorated the previously installed PVC rendering it unusable during removal with a vacuum truck. Eastern removed, decontaminated, and containerized the internal PVC vacuum piping into a DOT-approved 55-gallon drum, which was subsequently transported for off-site disposal as non-hazardous waste (oily debris) at Clean Waters of New York in Staten Island, New York. The final disposal manifest will be included in the PRR for 2020.
- On May 20, 2020, Veolia Environmental Services (VES) picked up one drum of DNAPL generated during the March and April 2020 DNAPL pumping events for off-site disposal their facility in Flanders, New Jersey. The final disposal manifest is included in Attachment A and will be included in the PRR for 2020.
- On May 21, 2020, AKRF performed oversight during additional DNAPL removal, which was completed by Eastern using the newly installed stainless steel stinger pipping. Measurable DNAPL was removed from recovery wells NW-5 (~30 gallons), NW-6 (~15 gallons), and NW-11 (~10 gallons) utilizing a vacuum truck to apply vacuum on an internal 1-inch pipe within the respective recovery well. During this recovery event, DNAPL was pumped from recovery well NW-5 for approximately 1.5 hours. Due to the depth and high viscosity of the DNAPL, recovery rates were poor. The measurable post-pumping measurable thickness was greater than 6 inches (~3.86 feet); however, the high viscosity DNAPL remaining along the sides of the NAPL recovery well may have affected post-pumping measurements. AKRF, in consultation with NYSDEC, are continuing to evaluate alternative long-term recovery methods that would increase recovery rates and achieve post-pumping measurable thicknesses less than 6 inches. 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.
- A total of 63 gallons of DNAPL was recovered during the reporting period, and 160.5 gallons of DNAPL have been recovered in total (year to date). The increase in recovery for this reporting period is due to the removal of additional groundwater during DNAPL pumping activities, specifically at NW-5. DNAPL recovery totals are summarized in Table 2.
- AKRF anticipates to complete DNAPL gauging and removal in June 2020 using the same methods as described above while long term trends and alternate recovery methods are evaluated.
- No soil or stone was imported to the Site during the month of May 2020.

The following work is planned for June:

- Grading activities with NYSDEC-approved Category 1 soil, ¾-inch gravel, and/or trap rock screenings;
- SSDS installation (finalizing vertical riser location and chase);
- NAPL recovery well bi-weekly monitoring and monthly NAPL recovery; 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.

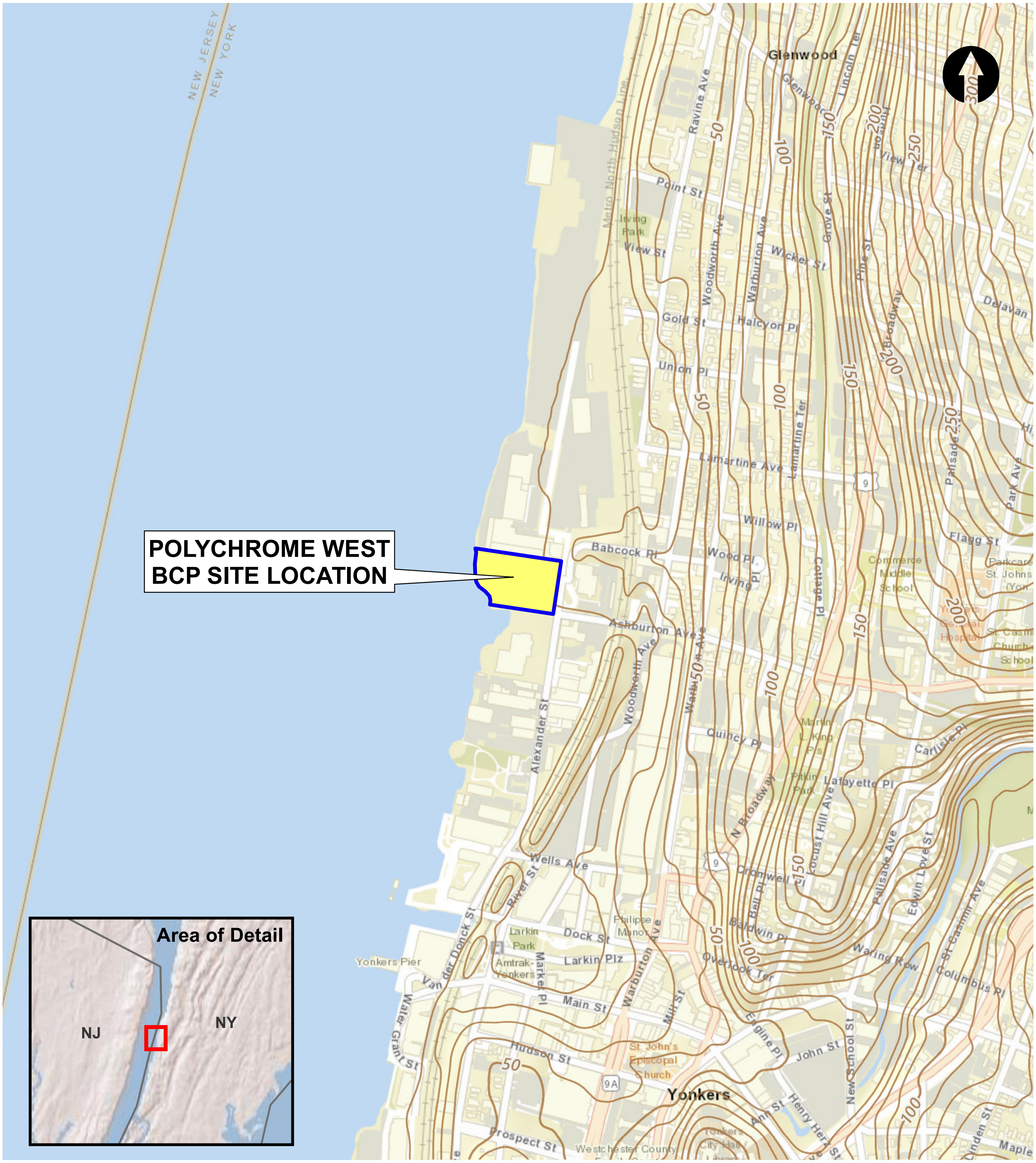
Sincerely,
AKRF, Inc.

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 – VES Manifest

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

ATTACHMENTS



Service Layer Credits: ESRI Worlwide Street Map data; 2019.

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

0 800 1,600

SCALE IN FEET

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

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

SITE LOCATION MAP

DATE
12/19/2019

PROJECT NO.
180017

FIGURE
1

©2019 AKRF Q:\Projects\180017 - AVALONBAY YONKERS - BLD 2 - PCW\Technical\GIS and Graphics\Hazmat\FER\180017 Fig 1 site loc map.mxd9/25/2019 3:39:54 PM mveilleux

LEGEND

PROJECT SITE BOUNDARY

A
1
ALPHANUMERIC GRID

0 40 80 160
SCALE IN FEET

Aerial Source:
2014 New York Statewide Digital Orthoimagery.

AKRF
440 Park Avenue South, New York, NY 10016

Polychrome West Site
BCP Site C360099
Yonkers, New York

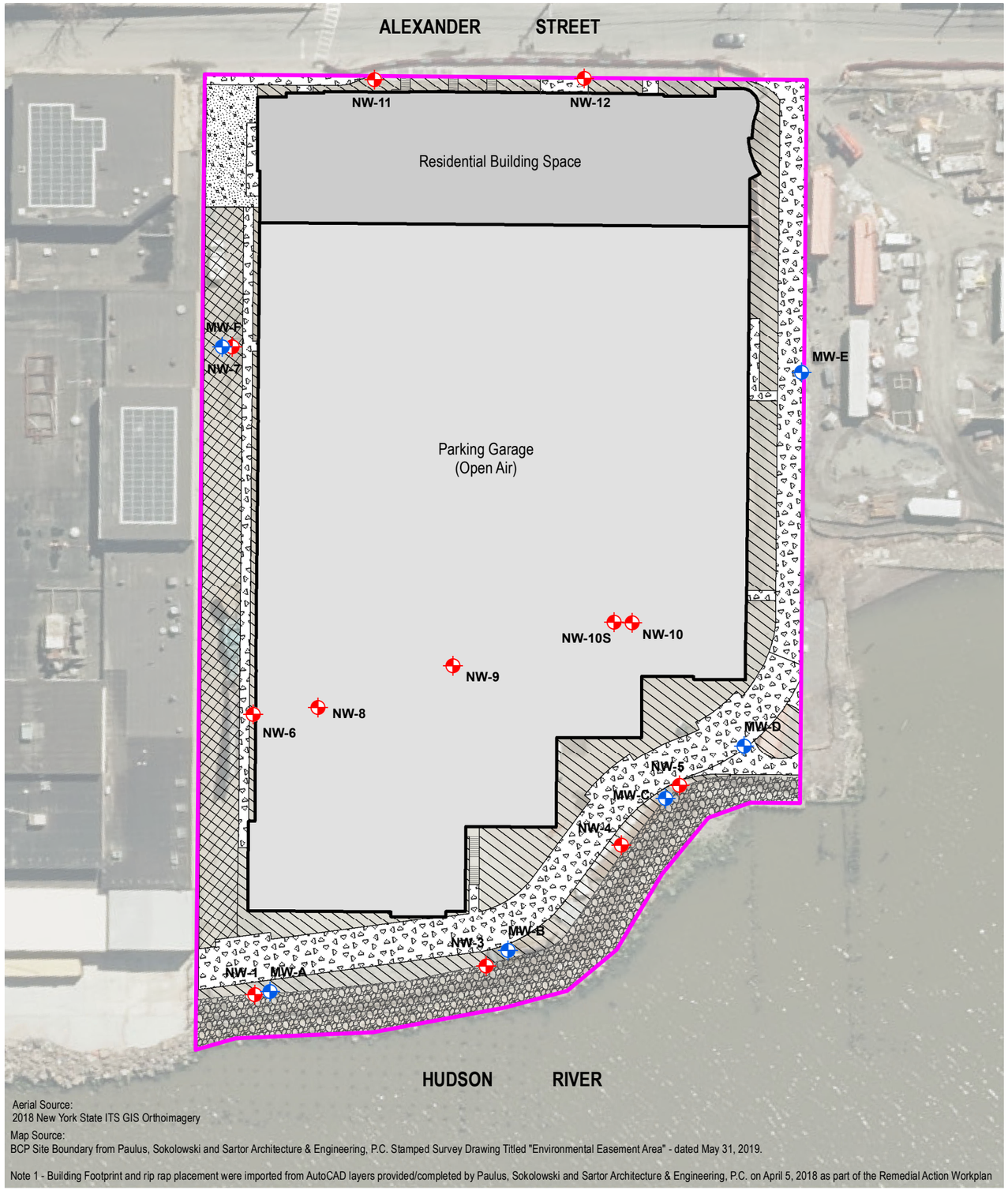
SITE PLAN WITH REFERENCE GRID

DATE

PROJECT NO.
40566

FIGURE
2

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



Aerial Source:
2018 New York State ITS GIS Orthoimagery

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

Note 1 - Building Footprint and rip rap placement were imported from AutoCAD layers provided/completed by Paulus, Sokolowski and Sartor Architecture & Engineering, P.C. on April 5, 2018 as part of the Remedial Action Workplan

LEGEND

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

0 30 60 120

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

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

NAPL RECOVERY & GROUNDWATER MONITORING WELL LOCATION PLAN

DATE
12/19/2019

PROJECT NO.
180017

FIGURE
3

©2019 AKRF Q:\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 mvelleux

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	
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	
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	
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	
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	
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	
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	
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	
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	
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)
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 Gal. 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 Gal. 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 Gal. 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	
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	
	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**
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	
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**
NW-10S	1/9/2020	15:00	ND	11.15	ND	18.11	NA	NA	
	2/19/2020	11:30	ND	10.6	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	
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**
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	

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

Table 2
Polychrome 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	Pending	Pending
									TOTAL TO DATE:			**160.5**	gallons		

Notes: **DNAPL - Dense Non-Aqueous Phase Liquid**
NA - Not Applicable

ATTACHMENT A - VES MANIFEST

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: N Y V S Q G	2. Page 1 of 1	3. Emergency Response Phone: (877) 818-0087	4. Manifest Tracking Number: 001802661 VES

5. Generator's Name and Mailing Address PATRICK MCHUGH
POLYCHROME WEST
84 SOUTH BROADWAY SUITE #401
WHITE PLAINS, NY 10701
Generator's Phone: 203 415-7399

Generator's Site Address (if different than mailing address)
130-145 ALEXANDER STREET
BUILDING 2
YONKERS, NY 10701

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: N J D 0 8 0 6 3 1 3 6 9

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

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: N J D 9 8 0 5 3 6 5 9 3

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (BENZENE, COAL TAR), 3, II	1	D M	400	P	D001	B	
						D018		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) W:
797344 A:MARPULP#1

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

Generator's/Offeror's Printed/Typed Name: John Fitzpatrick — Signature: [signature] — Month 05 Day 20 Year 20

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Patel — Signature: [signature] — Month 05 Day 20 Year 20
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

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

1.	2.	3.	4.
H141			

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: Dunnesa Cunnell — Signature: [signature] — Month 05 Day 20 Year 20

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY