Monthly Progress Report 2023 No. 2
Former NuHart West Site
10-14 Clay Street, 55-57 Dupont Street & 280 Franklin Street, Brooklyn, NY
NYSDEC Site No. 224136
Reporting Period: February 1, 2023 – March 1, 2023

1. Introduction

In accordance with the reporting requirements for the Former NuHart West Site, located at 10-14 Clay Street, 55-57 Dupont Street & 280 Franklin Street, Brooklyn, NY (Site), Haley & Aldrich of New York (Haley & Aldrich), has prepared this monthly progress report, on behalf of Dupont Street Owner LLC, to summarize the work performed at the Site from February 1 through March 1, 2023.

The Former NuHart West Site is located in the Greenpoint neighborhood of Brooklyn, NY and is identified as Block 2487 Lots 1, 10, 12, 72, and 78 on the New York City tax map. The Site is listed in the New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Registry as a Class 2 Site (Site No. 224136). The Site is underlain by sub-grade footings, utility networks, closed underground storage tanks (USTs), and piping and trench systems. The USTs and trench systems were cleaned out and the USTs were closed in accordance with applicable regulations in 2006. Former industrial operations at the Site have impacted onsite and offsite soil and groundwater with phthalates and lubricating oil (Hecla oil), most likely released from the tank and piping/trench systems. Phthalates and a phthalate/oil mixture are present in soil and as a light non-aqueous-phase liquid (LNAPL) plume floating on the groundwater surface primarily beneath Lots 1, 10, and 78 of the Site and extending somewhat offsite to the southwest. Groundwater is encountered at approximately 8 to 10 feet below ground surface (ft bgs). Currently, the site is a vacant 49,000-square foot lot with a concrete slab on grade.

Resource Conservation and Recovery Act (RCRA) closure activities were completed at the Site in May 2022. Interim remedial measure (IRM) activities are no longer being conducted at the Site since the product recovery systems were decommissioned as part of the RCRA Closure. IRM activities concluded in February 2022. Eastern Environmental Solutions, Inc. (Eastern) previously conducted waste management activities for disposal of product from the IBC tanks at the Site. Prior to 2022, Eastern has transported and disposed an estimated 2,116 gallons of product at the CycleChem facility in Elizabeth, NJ as hazardous waste. In January 2022, ACV Environmental Services Inc. (ACV) transported and disposed a total of 2,529 gallons of product at the CycleChem facility in Elizabeth, NJ as hazardous waste.

2. Investigation or Remedial Actions Relative to the Site during this Reporting Period

- Installation of the OU-2 LNAPL barrier wall began on 7 November 2022 and is ongoing. Installation of the on-site (OU-1) LNAPL barrier walls began on 23 January 2023 and is ongoing.

3. Monthly On-Site and Off-Site Monitoring Well Gauging

Gauging of on-site and off-site monitoring wells associated with the Site was performed on 1

March 2023. Gauging results are included in the attached table. Monitoring wells MW-4, MW-21, MW-22, MW-34, MW-35, MW-40, RW-1, RW-2, RW-3, RW-5, RW-6, RW-8, RW-9, RW-10, RW-11, and RW-12 were inaccessible due to storage of sheet piles or equipment. The wells that could not be accessed are identified in the attached figure.

On 28 February 2023 during daily gauging of monitoring wells along Franklin and Dupont Street, Haley & Aldrich observed LNAPL in MW-24. LNAPL was observed at a depth of 13.70 ft bgs, and water was observed at 13.72 ft bgs. MW-24 has been gauged multiple times daily since 28 February 2023 and LNAPL has been recovered daily using a bailer. The amount of LNAPL removed from the well daily is recorded in the Site's daily reports. A total of 0.75 gallons of LNAPL was recovered from MW-24 during this reporting period.

4. Actions Relative to the Site Anticipated for the Next Reporting Period

- Completion of the OU-2 LNAPL barrier wall.
- Additional monitoring wells will be installed in the vicinity of the OU-2 LNAPL barrier wall in accordance with NYSDEC guidance.
- Continuing installation of the OU-1 LNAPL barrier walls.

5. Approved Activity Modifications (changes of work scope and/or schedule)

There have been no modifications to the work scope.

6. Results of Sampling, Testing and Other Relevant Data

Sampling was not conducted during this reporting period.

7. Deliverables Submitted During This Reporting Period

The 100% Remedial Design Report was submitted to NYSDEC on 16 February 2023 based on comments received from NYSDEC on 20 January 2023. The revised Request for Reuse of soil from NuHart East (Lot 57) on the Site was submitted to NYSDEC on 6 February 2023 and was approved by NYSDEC on 16 February 2023.

8. Information Regarding Percentage of Completion

Installation of the OU-2 LNAPL barrier wall is approximately 95% complete. Installation of the OU-1 LNAPL barrier wall is approximately 50% complete.

9. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None.

10. Community Participation (CP) Plan Activities during This Reporting Period

A Community Board Meeting was held on 16 February 2023 to discuss current and upcoming work on the Site and the neighboring NuHart East Site.

11. Activities Anticipated in Support of the CP Plan for the Next Reporting Period:

None.

12. Miscellaneous Information

None.

Table 1:
Attachment A: Apparent Thickness of LNAPL
Former NuHart Plastic Manufacturing Site, NYSDEC #224136
280 Franklin Street
Brooklyn, NY

Readings taken 3/1/2023 between 7:00 am and 12:00 pm (low tide @ 11:16am and high tide @ 4:54am)

Apparent Thickness of LNAPL (feet)

Well Number	Depth to Water (feet)	Depth to Product (feet)	2023		2022												
			Feb-23	Jan-23	Dec-22	Nov-22	Nov-22	Oct-22	Sept-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22
MW – 4	ND*	ND*	ND*	ND*	ND*	ND*	NA	NA	NA	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*
MW – 5	16.84	11.82	5.02	0.59	5.22	6.94	NA	NA	NA	4.85	4.85	4.07	4.00	4.50	3.20	2.73	6.88
MW – 6	10.9*	ND	ND	0.74	0.99	1.55	NA	NA	NA	2.63	3.20	3.36	3.01	3.05	1.65	2.55	2.61
MW – 7	15.55	10.7	4.85	3.17	1.42	3.17	NA	NA	NA	0.40	1.10	3.35	2.13	2.82	1.00	1.00	2.07
MW – 8	9.15	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
MW – 12	8.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 13	8.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 14	11.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	13.90	13.37	0.53	1.27	1.76	2.36	NA	NA	NA	0.85	1.30	0.85	1.30	3.05	4.43	0.38	1.04
MW – 16	16.46	13.75	2.71	3.47	0.47	0.15	NA	NA	NA	0.1	ND	0.02	0.40	0.58	0.03	0.20	0.56
MW – 20	15.75	13.50	2.25	1.41	3.66	2.69	2.36	2.80	2.73	3.1	3.05	2.61	2.60	2.61	2.02	3.22	2.29
MW – 21	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.95	1.90	1.54	1.40	2.09	2.68	0.75	0.86
MW – 22	NA	NA	NA	1.23	1.15	ND*	NA	NA	NA	0.78	1.20	5.13	1.30	1.55	ND*	ND*	0.58
MW – 23	14.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	13.70	13.78	0.08	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 25	17.16	13.44	3.72	3.23	3.06	2.86	3.83	4.71	4.51	4.5	4.55	5.87	4.20	4.44	3.87	3.29	3.78
MW – 26	18.19	13.26	4.93	0.61	4.09	4.01	3.76	4.84	3.78	3.4	3.50	4.02	3.40	4.39	3.02	1.90	4.45
MW – 27	13.01	ND	ND	ND	ND	ND*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 28	14.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 29	13.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 30	13.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 31	12.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 32	13.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 34	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
MW – 35	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
MW – 36	14.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 37	14.47	ND	ND	ND*	ND*	ND*	ND*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 38	9.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 39	8.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 40	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	—	—	ND	ND	ND	—
MW – 41	13.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 42	12.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-A	13.90	13.85	0.05	4.45	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	NA	NA	NA	NA	3.16	4.55	NA	NA	NA	3.45	3.10	5.67	3.39	5.78	5.25	3.15	5.19
RW – 3	NA	NA	NA	NA	NA	2.51	NA	NA	NA	2.45	3.40	5.35	3.04	3.90	1.34	2.30	3.20
RW – 4	NA	NA	NA	0.40	2.18	1.53	NA	NA	NA	3.23	4.40	4.97	4.01	4.40	2.97	3.13	1.92
RW – 5	NA	NA	NA	NA	3.47	0.86	NA	NA	NA	5.85	5.85	5.02	5.31	5.40	5.18	5.60	2.81
RW – 6	NA	NA	NA	NA	0.40	ND*	NA	NA	NA	0.7	1.30	0.48	1.20	1.15	0.35	1.05	1.10
RW – 8 ***	NA	NA	NA	0.36	0.88	1.52	NA	NA	NA	3.77	3.80	4.06	4.06	3.55	2.35	—	—
RW – 9	NA	NA	NA	3.55	3.92	4.46	NA	NA	NA	4.07	6.65	4.02	3.70	6.55	2.50	3.70	5.97
RW – 10	NA	NA	NA	NA	NA	2.13	NA	NA	NA	3	4.2	5.31	5.74	4.02	3.00	3.30	3.61
RW – 11	NA	NA	NA	2.92	2.48	3.76	NA	NA	NA	4.1	4.9	3.48	4.01	5.22	3.35	2.85	0.68
RW– 12 ***	NA	NA	NA	NA	5.42	6.10	NA	NA	NA	4.17	4.7	7.02	3.86	3.30	3.50	—	—
MW - 1	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	…	NG
RW - 7	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG

Well Number	2021										2020								
	Dec-21	Nov-21	Oct-21	Sep-21	Aug-21	Jul-21	Jun-21	May-21	Apr-21	Mar-21	Nov-20	Oct-20	Jul-20	Jun-20	May-20	Apr-20	Mar-20	Feb-20	Jan-20
MW – 4	—	—	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND	ND	ND	ND	ND	ND	ND	ND	ND*	ND*
MW – 5	3.85	0.71	4.27	2.17	3.52	0.78	0.10	0.42	0.78	0.29	3.59	4.76	2.94	5.43	3.71	4.18	4.46	4.21	3.44
MW – 6	2.71	2.83	2.42	2.90	3.45	2.74	3.17	0.28	3.03	3.18	3.00	2.78	2.48	0.99	3.00	2.20	2.29	2.39	2.98
MW – 7	1.59	0.67	0.88	0.37	0.42	0.46	2.26	0.54	1.76	1.28	1.15	1.56	2.10	3.89	2.81	3.85	3.53	1.59	0.99
MW – 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	1.05	0.10	0.48	0.38	0.83	0.46	0.57	0.61	2.44	4.46	0.29	1.30	1.00	3.13	2.36	2.75	3.29	2.66	0.83
MW – 16	0.12	0.14	0.17	0.29	0.63	0.10	1.59	1.17	1.80	0.04	0.35	0.85	0.85	0.41	0.22	0.84	0.36	ND	ND
MW – 20	1.78	2.78	2.36	3.03	3.05	2.95	3.08	2.06	2.71	1.09	2.66	3.71	1.23	2.92	2.91	1.01	3.12	2.18	2.75
MW – 21	1.60	1.15	2.45	0.05	0.35	1.39	1.33	1.06	1.91	2.61	1.33	3.13	2.98	5.44	4.29	4.29	4.57	3.63	1.11
MW – 22	—	—	0.93	0.11	0.86	1.13	1.62	0.39	0.99	0.45	0.37	1.95	0.76	2.56	2.13	1.54	1.55	1.59	1.44
MW – 23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 25	3.52	4.49	3.78	3.81	3.90	3.08	4.37	3.63	3.81	3.24	3.28	4.35	4.23	3.68	0.98	3.79	6.72	4.57	4.89
MW – 26	3.24	3.44	2.89	7.14	3.58	3.07	4.01	3.02	3.32	3.32	2.97	3.56	3.79	3.78	3.71	3.47	4.13	4.14	4.11
MW – 27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 34	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 35	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND*	ND	ND	ND	ND	ND
MW – 38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 41	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—
MW – 42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	3.03	2.11	2.00	2.16	2.12	2.92	02.15	1.74	3.28	2.44	3.81	2.90	3.95	4.56	3.25	4.93	4.78	4.59	3.31
RW – 3	0.67	2.70	2.79	2.60	3.67	4.61	05.02	1.45	3.85	2.50	1.99	3.25	4.41	2.31	2.05	3.82	3.85	3.48	3.24
RW – 4	2.89	3.50	3.17	0.86	4.35	4.52	03.87	2.64	4.35	3.69	3.23	2.99	3.94	3.35	2.92	3.55	2.46	3.78	2.64
RW – 5	0.51	5.81	3.80	1.10	6.45	1.15	5.91	0.73	4.78	0.67	4.93	5.30	6.32	4.59	1.60	2.91	4.91	5.18	2.54
RW – 6	—	0.90	1.12	0.53	0.21	1.14	1.33	0.58	2.49	##	##	2.82	1.85	2.17	0.44	1.21	0.98	1.05	1.67
RW – 8 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW – 9	4.46	2.54	2.70	0.78	4.12	2.95	3.65	3.42	4.39	5.42	6.45	4.64	4.30	4.90	4.65	4.22	5.01	5.36	4.08
RW – 10	1.65	2.95	3.04	0.70	2.90	3.30	4.71	3.1	4.32	1.38	5.96	3.88	3.59	4.31	2.93	2.86	3.80	3.59	4.58
RW – 11	4.78	4.13	3.64	1.11	4.48	2.67	6.11	2.00	4.20	1.43	3.25	4.24	3.45	3.89	4.32	4.31	5.77	5.13	3.80
RW– 12 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW - 1	NG	—	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	—	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
RW - 7	NG	—	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG

Well Number	2019												2018									
	Dec-19	Nov-19	Oct-19	Sep-19	Aug-19	Jul-19	Jun-19	May-19	Apr-19	Mar-19	Feb-19	Jan-19	Dec-18	Oct-18	Jun-18	May-18	Apr-18	Mar-18	Feb-18	Jan-18	Nov-17	Oct-17
MW – 4	ND*	ND*	ND*	ND*	ND	ND*	ND*	##	ND*	ND*	ND*	ND*	ND*	ND*	0.12	1.13	0.65	0.73	ND*	0.92	2.12	0.81
MW – 5	4.47	4.61	5.65	5.18	1.30	3.73	5.15	2.89	2.46	2.26	3.28	2.62	2.83	4.12	1.66	1.83	2.77	2.19	2.21	4.65	5.83	2.19
MW – 6	0.85	##	##	##	##	##	0.50	2.35	##	##	##	##	##	ND	0.55	0.50	2.47	0.74	##	##	##	1.22
MW – 7	1.67	1.59	1.63	1.96	0.84	0.45	1.30	0.14	0.35	0.26	1.54	1.14	0.93	0.54	1.89	1.99	1.80	2.03	2.55	3.32	4.91	1.48
MW – 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	0.85	1.08	1.99	0.18	0.03	0.11	0.87	0.08	0.08	1.08	1.00	0.84	0.26	0.12	0.04	0.04	0.07	0.07	0.08	3.16	1.78	0.31
MW – 16	ND	1.95	0.56	0.81	0.01	0.04	1.17	0.45	0.73	0.07	0.39	0.17	0.19	0.20	0.06	0.10	0.13	—	0.1	0.34	0.25	0.35
MW – 20	2.82	3.73	3.37	3.25	2.29	2.09	3.66	1.45	1.47	2.17	2.43	2.77	3.49	2.51	1.4	1.55	2.52	1.77	1.02	3.15	3.99	2.52
MW – 21	2.88	3.07	3.13	1.99	1.51	1.41	1.84	0.52	1.25	1.01	1.57	1.48	2.81	1.73	1.43	1.42	1.62	1.38	2.29	3.83	4.79	3.26
MW – 22	1.22	1.06	1.94	2.95	0.69	0.51	2.28	2.98	1.03	1.05	1.83	1.68	0.83	0.69	0.97	0.89	0.76	1.11	0.28	0.37	1.77	1.25
MW – 23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 25	4.66	4.93	4.31	3.18	3.38	3.83	4.61	3.76	3.81	4.19	4.77	3.86	3.89	3.44	2.85	2.89	4.03	3.45	3.44	3.66	4.54	4.03
MW – 26	4.65	4.02	4.62	5.21	3.43	3.19	4.90	0.69	2.46	2.94	3.37	3.14	3.84	3.45	0.75	2.35	3.14	2.48	3.19	3.95	5.59	3.81
MW – 27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND*	ND	ND	ND	ND	ND	ND	ND	ND
MW – 38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	ND	ND	ND	ND	ND	ND	ND
MW – 42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND*	ND*	ND	ND	ND	ND	ND	ND	ND	ND
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	4.49	2.42	5.03	2.19	1.41	0.66	4.08	1.64	1.47	1.27	4.73	5.12	1.63	5.54	0.06	0.08	1.65	0.08	5.52	4.01	5.19	0.56
RW – 3	2.62	4.30	4.03	4.09	3.50	3.25	3.96	1.61	2.11	2.26	4.71	2.22	2.63	3.77	2.08	2.03	2.52	2.12	3.03	ND	3.31	3.17
RW – 4	3.02	4.15	##	4.21	3.56	3.07	4.72	1.13	0.53	2.85	##	##	03.37	2.85	2.96	2.97	3.80	3.01	02.39	3.06	4.32	4.33
RW – 5	##	##	##	5.74	##	##	##	0.71	##	##	##	##	##	ND*	0.44	0.33	0.65	0.34	4.64	0.49	4.49	5.28
RW – 6	1.51	1.61	2.19	1.49	0.7	0.46	1.57	0.28	0.55	0.49	02.33	0.91	00.73	1.91	0.83	0.88	0.96	0.91	00.90	2.61	1.64	0.73
RW – 8 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02	0.03	0.03	0.96	1.99	—	1.15
RW – 9	4.65	4.37	5.59	4.23	2.99	3.55	4.57	2.32	1.73	2.23	3.79	1.53	3.45	4.52	0.11	2.38	2.28	1.51	2.88	4.32	5.58	3.72
RW – 10	3.64	4.41	4.37	3.99	0.76	3.04	3.92	3.25	3.11	3.24	4.53	3.80	4.06	2.46	1.52	1.60	3.70	0.66	3.48	4.64	4.28	3.65
RW – 11	5.58	4.54	6.30	4.85	4.12	3.78	4.65	3.32	1.92	2.35	4.74	2.69	3.02	2.21	2.51	2.52	4.34	2.41	2.50	5.01	5.5	2.97
RW– 12 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.02	2.61	0.02	1.12	1.5	5.96	3.65
MW - 1	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	—	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	—	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
RW - 7	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	—	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG

Notes:

Data recorded using an oil/water interface probe, measurements from the tops of well casings
= NAPL observed, apparent thickness not determined
NI = Not Installed **ND = Not Detected** **NA= No Access** **NG = Not Gauged**
Wells MW-1, MW-2, MW-9, MW-10, MW-17, MW-18, MW-19, and RW-7 are associated with NYSDEC Spill 06-01852 and are under a separate investigation
est= Estimated Value **** = Water not detected; well filled with sediment, value is the total depth of the well**
*** = Well was dry** `
Wells were gauged on 1 March 2023

Table 1:
Attachment A: Apparent Thickness of LNAPL
Former NuHart Plastic Manufacturing Site, NYSDEC #224136
280 Franklin Street
Brooklyn, NY

Well Number	Depth to Water (feet)	Depth to Product (feet)	2017				2017					2016										
			Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	Mar-17	Feb-17	Jan-17	Dec-16	Nov-16	Oct-16	Sep-16	Aug-16	Jul-16	Jun-16	May-16	Apr-16	Mar-16	Feb-16
MW – 4	ND*	ND*	1.76	1.73	1.23	1.77	ND*	1.32	1.61	1.13	1.31	1.30	1.00	1.18	1.35	1.71	1.73	1.80	1.53	1.73	1.43	1.85
MW – 5	16.84	11.82	4.44	4.4	3.71	3.54	2.81	2.80	3.13	4.05	3.00	3.55	4.43	3.64	3.22	4.31	4.03	4.29	3.07	3.18	3.14	1.85
MW – 6	10.9*	ND	3.19	3.15	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##
MW – 7	15.55	10.7	1.45	1.41	0.9	0.00	1.50	1.92	2.53	3.71	1.28	0.78	1.73	0.91	0.04	1.89	1.58	2.22	2.11	1.90	1.66	2.31
MW – 8	9.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 12	8.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—
MW – 13	8.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—
MW – 14	11.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	13.90	13.37	0.29	0.26	0.26	0.24	0.12	0.22	0.28	0.40	0.31	0.20	0.80	0.20	0.17	0.81	0.07	0.48	0.22	0.71	0.03	0.04
MW – 16	16.46	13.75	0.37	0.35	0.08	0.28	0.03	0.10	0.23	0.20	0.31	ND	ND	ND	ND	ND	0.01	0.25	0.02	0.01	0.02	0.16
MW – 20	15.75	13.50	2.58	2.63	2.9	2.83	2.61	2.94	2.33	3.02	3.02	2.88	3.28	2.90	3.16	2.89	2.88	2.85	2.22	2.49	2.43	1.99
MW – 21	NA	NA	3.35	2.13	1.45	2.75	3.31	3.30	3.04	3.62	7.59	3.27	3.32	1.25	2.39	3.61	2.96	2.95	2.63	4.18	2.68	2.42
MW – 22	NA	NA	1.24	1.21	0.75	0.66	0.66	0.78	0.64	0.65	0.50	0.51	0.38	0.30	0.01	0.51	0.87	0.62	0.45	0.48	0.44	0.15
MW – 23	14.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	13.70	13.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 25	17.16	13.44	4.05	4.02	3.73	4.09	3.85	3.70	3.74	3.47	3.89	3.62	3.60	4.20	3.79	3.65	4.01	3.75	3.55	3.33	3.42	3.32
MW – 26	18.19	13.26	3.82	3.79	3.65	3.42	3.29	3.73	3.64	3.24	3.14	3.20	3.56	4.00	3.28	4.26	3.58	3.82	3.41	3.37	2.97	3.82
MW – 27	13.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 28	14.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 29	13.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 30	13.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 31	12.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND	ND	ND	ND	ND	ND
MW – 32	13.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 34	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 35	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 36	14.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 37	14.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 38	9.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND	ND	ND	ND	ND	ND
MW – 39	8.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 40	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 41	13.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 42	12.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-A	13.90	13.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	NA	NA	0.58	0.53	6.09	6.25	0.42	1.13	2.90	3.09	3.53	1.65	1.18	1.26	1.35	1.88	2.05	2.41	3.02	2.12	3.34	2.70
RW – 3	NA	NA	3.15	3.22	2.28	3.44	2.85	2.71	3.46	2.98	3.10	1.91	3.95	2.40	2.50	3.08	1.97	2.49	1.64	2.17	2.09	1.64
RW – 4	NA	NA	4.17	4.18	3.1	4.1	03.69	3.65	3.69	3.67	3.05	3.80	2.80	2.77	3.30	2.73	2.65	2.32	2.02	2.22	2.93	2.03
RW – 5	NA	NA	5.27	5.26	5.42	3.75	5.00	5.44	5.10	0.70	2.95	1.55	3.05	0.42	0.36	0.50	4.97	2.76	2.47	2.66	3.21	2.53
RW – 6	NA	NA	0.6	1.61	0.93	5.35	1.05	1.27	1.22	0.90	0.90	0.85	0.68	0.87	0.92	1.46	1.29	0.81	0.67	0.73	0.74	0.76
RW – 8 ***	NA	NA	2.2	3.62	1.2	2.34	0.02	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW – 9	NA	NA	3.77	3.69	2.84	3.25	2.70	2.69	3.50	3.66	2.47	3.09	3.57	2.45	2.35	3.19	2.15	3.18	2.75	3.09	3.81	2.42
RW – 10	NA	NA	3.67	3.71	3.67	3.78	4.07	3.79	4.27	4.70	4.15	3.86	3.45	3.80	3.36	4.44	3.91	3.69	3.74	3.66	3.67	4.69
RW – 11	NA	NA	4.57	3.93	2.33	3.00	2.92	3.00	3.55	3.73	2.65	1.90	2.04	2.43	2.12	3.66	2.98	3.43	3.08	2.94	3.05	2.45
RW– 12 ***	NA	NA	5.4	2.68	0.01	0.03	0.01	0.02	0.80	3.89	—	—	—	—	—	—	—	—	—	—		—
MW - 1	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
RW - 7	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG

Well Number	2015											2014								
	Jan-16	Dec-15	Nov-15	Oct-15	Sep-15	Aug-15	Jul-15	Jun-15	May-15	Apr-15	Mar-15	Jan-15	Sep-14	Aug-14	Jul-14	Jun-14	May-14	Apr-14	Mar-14	Feb-14
MW – 4	1.77	1.96	2.04	1.99	1.77	2.22	4.27	0.35	0.44	—	0.56	—	1.75	1.90	1.24	Trace	—	0.01	Trace	0.23
MW – 5	3.24	4.83	5.41	4.16	4.26	4.45	4.22	2.30	2.41	2.55	3.10	4.40	4.79	5.03	1.97	3.39	—	3.14	2.80	2.98
MW – 6	##	##	##	##	##	##	##	2.30	##	##	##	##	##	##	##	##	—	—	2.84	3.43
MW – 7	2.47	3.44	3.31	2.58	1.46	1.28	0.99	1.58	ND	1.94	1.79	##	2.01	2.16	0.60	0.01	—	0.17	0.17	—
MW – 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	ND	ND	—
MW – 12	—	ND	ND	—	—	—	—	ND	ND	ND	ND	—	ND	—	ND	ND	—	ND	ND	—
MW – 13	—	ND	ND	—	—	—	—	ND	ND	ND	ND	—	ND	—	ND	ND	—	ND	ND	—
MW – 14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—
MW – 15	0.60	3.08	3.07	1.97	1.05	1.05	ND	1.24	1.21	1.56	1.67	1.71	2.19	2.32	##	0.45	—	0.61	0.30	0.38
MW – 16	0.02	0.11	0.02	0.12	0.05	0.05	0.14	0.13	0.15	0.03	0.08	0.02	—	0.03	0.99	Trace	—	0.01	0.01	0.10
MW – 20	2.46	3.52	3.02	3.33	3.25	3.12	2.88	2.58	2.79	3.84	4.38	5.13	1.87	1.71	2.92	2.06	—	1.47	2.90	2.58
MW – 21	2.97	4.46	3.85	4.51	3.63	3.32	2.97	2.53	2.77	2.98	3.46	3.23	3.62	4.64	4.90	1.99	—	2.69	2.47	2.48
MW – 22	0.22	1.33	1.01	0.49	1.17	1.04	0.79	0.86	0.84	0.74	1.33	1.27	1.03	1.02	0.54	0.85	—	0.74	0.86	0.75
MW – 23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—
MW – 25	3.43	3.68	3.53	3.63	3.53	3.68	3.53	2.81	3.24	3.36	1.07	1.03	3.16	4.02	3.65	3.48	—	3.91	3.75	—
MW – 26	3.41	4.23	4.08	3.77	4.00	3.70	3.65	3.18	3.33	3.64	4.14	4.11	3.84	3.70	4.50	3.02	—	2.71	3.48	3.80
MW – 27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—
MW – 28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND
MW – 30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—
MW – 31	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—
MW – 32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—
MW – 34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND
MW – 35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND
MW – 36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI
MW – 37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI
MW – 38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	NI	NI	NI	NI	NI	NI	NI
MW – 39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI
MW – 40	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI
MW – 41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW – 42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND
RW – 2	2.83	4.28	—	2.64	2.97	3.41	5.54	5.28	5.44	2.82	4.19	4.52	4.52	4.53	4.52	0.11	—	1.30	3.05	2.31
RW – 3	2.37	4.27	2.92	4.14	1.39	2.14	4.31	2.23	2.23	1.81	3.28	3.41	3.50	3.45	3.56	4.12	—	1.58	2.90	2.28
RW – 4	2.51	2.82	2.31	1.99	1.09	2.02	3.65	3.66	3.53	3.53	1.43	1.35	2.78	2.88	##	2.86	—	1.81	3.25	3.27
RW – 5	1.92	1.96	5.64	4.18	2.03	5.79	4.87	4.69	4.75	0.70	0.85	0.91	0.85	0.43	0.17	0.17	—	0.12	0.93	0.43
RW – 6	0.74	0.77	0.65	0.66	0.65	0.61	0.78	1.96	2.35	0.71	1.19	1.14	0.71	0.64	0.78	0.79	—	0.45	1.28	0.96
RW – 8 ***	—	—	—	—	—	—	—	—	—	2.14	2.93	2.92	4.01	4.48	##	2.95	—	0.65	1.47	0.86
RW – 9	3.46	4.62	4.37	3.52	2.68	3.23	3.04	4.82	4.79	4.28	5.68	5.65	4.81	4.59	4.92	4.14	—	1.02	2.90	2.71
RW – 10	4.77	4.46	5.32	4.45	4.12	4.12	5.71	3.80	3.95	3.65	4.96	5.04	3.93	3.74	3.57	3.18	—	3.38	3.89	3.48
RW – 11	3.07	4.65	4.39	3.59	3.24	3.62	3.43	3.66	3.67	3.00	3.87	3.97	4.43	4.42	4.46	3.87	—	2.03	2.54	2.59
RW– 12 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW - 1	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
RW - 7	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG

Well Number	2013										2012				
	Jan-14	Dec-13	Nov-13	Oct-13	Sep-13	Aug-13	Jul-13	Apr-13	Mar-13	Feb-13	Jan-13	Dec-12	Nov-12	Oct-12	Sep-12
MW – 4	0.22	0.30	0.66	0.78	##	3.49	2.22	0.59	0.67	0.44	0.44	0.80	0.31	0.33	3.13
MW – 5	—	6.46	7.17	5.54	##	5.08	3.92	3.00	2.39	4.32	3.00	4.11	3.50	3.41	5.58
MW – 6	—	2.89	2.76	2.00	##	2.42	2.82	—	—	—	—	—	—	3.49	2.14
MW – 7	—	4.78	4.70	4.00	##	2.77	1.06	1.92	4.92	5.45	1.30	1.36	2.00	1.84	1.83
MW – 8	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 12	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 13	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 14	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	—	3.11	3.19	3.34	##	2.14	0.70	–	0.32	1.07	–	1.56	0.99	0.76	2.67
MW – 16	—	0.23	0.22	0.19	##	0.05	0.07	0.02	0.01	0.10	0.25	0.20	ND	0.24	0.20
MW – 20	4.19	5.07	4.90	4.11	##	3.33	1.37	3.32	1.20	1.10	1.35	1.38	3.39	3.15	3.80
MW – 21	3.37	3.13	3.72	4.66	##	4.37	3.66	3.38	3.43	3.75	4.10	4.23	2.89	2.04	4.15
MW – 22	1.22	1.07	0.69	0.50	##	1.12	0.86	0.50	0.62	1.15	1.20	0.18	0.21	0.18	1.80
MW – 23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 25	—	5.66	5.56	4.01	##	4.41	3.58	3.96	3.96	4.34	3.70	2.82	7.86	4.40	3.96
MW – 26	4.34	4.44	4.47	4.62	##	4.18	3.69	2.86	2.33	1.00	2.45	1.62	–	2.61	4.02
MW – 27	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.99	ND	ND
MW – 28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI
MW – 29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI
MW – 30	—	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 31	—	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 32	—	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 34	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 35	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 37	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 40	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 42	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	ND	ND	ND	ND	ND	–	ND	ND	ND	ND	ND	ND	ND
RW – 2	2.80	3.19	5.09	3.86	##	4.07	2.96	2.92	3.48	3.75	4.20	2.52	1.92	1.50	5.85
RW – 3	4.60 (est)	3.60	3.33	1.68	##	2.96	1.44	3.90	3.20	3.34	3.70	3.58	2.84	3.50	3.88
RW – 4	2.45	2.67	2.30	1.46	##	2.75	1.08	3.06	3.15	3.00	3.05	2.95	—	3.45	3.35
RW – 5	0.52	0.60	0.79	0.54	##	0.69	0.51	2.62	—	—	—	2.35	3.00	1.88	–
RW – 6	0.41	0.94	1.30	0.67	##	0.10	0.08	0.45	0.50	0.21	0.40	0.15	0.90	0.22	0.06
RW – 8 ***	2.37	2.46	3.92	4.13	##	4.59	3.64	—	—	—	—	—	—	—	—
RW – 9	4.34	5.25	4.88	3.08	##	4.09	2.37	4.40	2.62	3.11	3.50	3.08	3.83	2.98	5.33
RW – 10	3.80	3.81	3.99	4.11	##	4.11	3.55	—	—	—	—	—	—	—	—
RW – 11	3.66	4.27	5.48	2.65	##	3.91	3.49	3.15	2.67	3.11	3.50	2.93	4.49	2.58	4.40
RW– 12 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW - 1	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG
RW - 7	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG

Notes:

Data recorded using an oil/water interface prol

= NAPL observed, apparent thickness not c

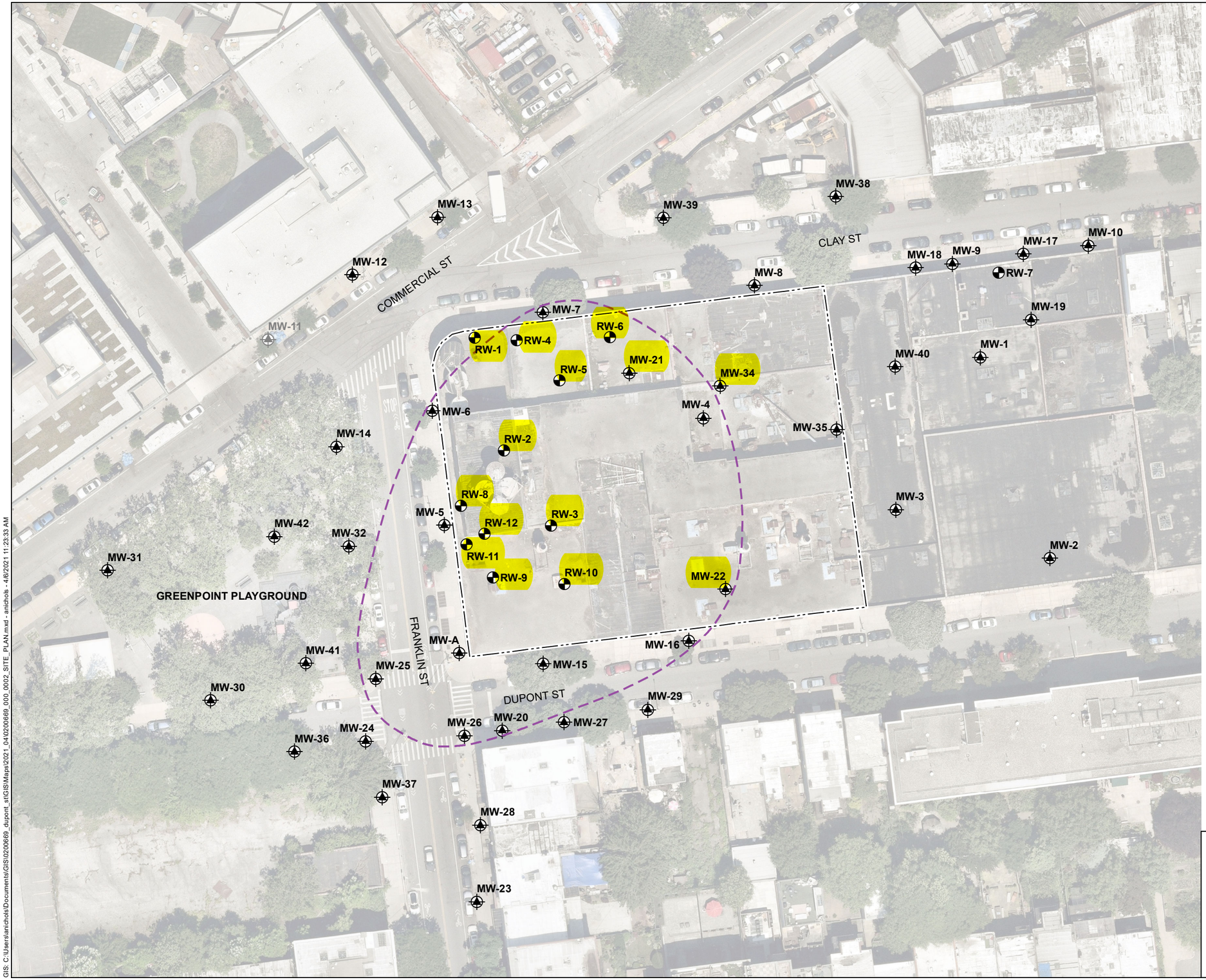
NI = Not Installed ND = Not De

Wells MW-1, MW-2, MW-9, MW-10, MW-1

est= Estimated Value ** = Water n

*** = Well was dry** `

Wells were gauged on 1 March 2023



LEGEND

- GROUNDWATER MONITORING WELL
- PRODUCT RECOVERY WELL
- GROUNDWATER MONITORING WELL, DESTROYED
- EXTENT OF LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL) ON GROUNDWATER
- SITE BOUNDARY
- YELLOW HIGHLIGHTED WELLS ARE INACCESSILBLE DUE TO STORAGE OF SHEETPILES OR EQUIPMENT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SITE BOUNDARY, GROUNDWATER MONITORING WELL LOCATIONS, PRODUCT RECOVERY WELL LOCATIONS, AND APPROXIMATE EXTENT OF LNAPL DIGITIZED FROM FIGURE TITLED, "FIGURE 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", PREPARED BY GZA, DATED AUGUST 2016.
3. AERIAL IMAGERY SOURCE: NEARMAP, 9 JUNE 2020

N

0 60 120
SCALE IN FEET

HALEY ALDRICH

49 DUPONT STREET
BROOKLYN, NEW YORK

SITE PLAN

FEBRUARY 2022

FIGURE 1

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OU-1 LNAPL BARRIER:
INSTALL STEEL SHEET PILES, USING A VIBRATORY METHOD, TO A DEPTH OF 30 FEET BELOW GROUND.

OU-1 LNAPL BARRIER:
INSTALL STEEL SHEET PILES, USING A NON VIBRATORY METHOD, TO A DEPTH OF 30 FEET BELOW GROUND SURFACE IN AREAS OF KNOWN LNAPL IMPACTS ALONG FRANKLIN STREET AND DUPONT STREET.

OU-2 LNAPL BARRIER:
INSTALL 10-IN WIDE SECANT WALL TO A DEPTH OF 25 FEET BELOW GROUND SURFACE IN SIDEWALK ALONG FRANKLIN STREET (75 FEET) AND DUPONT STREET (75 FEET)

MW-38 MW-39 MW-13 MW-12 MW-8 MW-18 MW-9 MW-17 MW-10 RW-7 MW-19 MW-7 RW-6 RW-4 RW-1 MW-1 MW-40 RW-5 MW-21 MW-34 MW-4 MW-6 MW-14 RW-2 MW-35 MW-3 RW-8 MW-5 RW-12 RW-3 MW-42 MW-32 RW-11 MW-31 RW-9 RW-10 MW-22 MW-2 GREENPORT PLAYGROUND MW-A MW-16 MW-41 MW-25 MW-15 MW-30 MW-29 MW-26 MW-20 MW-27 MW-24 MW-36 MW-37 MW-28 MW-23

COMMERCIAL ST
CLAY ST
FRANKLIN ST
DUPONT ST

LEGEND

- GROUNDWATER MONITORING WELL
- PRODUCT RECOVERY WELL
- GROUNDWATER MONITORING WELL, DESTROYED
- EXTENT OF LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL) ON GROUNDWATER
- SITE BOUNDARY
- OU-1 SHEET PILE WALL (NON-VIBRATORY INSTALLATION)
- OU-1 SHEET PILE WALL (VIBRATORY INSTALLATION)
- OU-2 SECANT PILE WALL
- PROJECTTED LIMITS OF LNAPL BOUNDARY TO THE PROPERTY BOUNDARY AT 257 FRANKLIN STREET.

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. SITE BOUNDARY, GROUNDWATER MONITORING WELL LOCATIONS, PRODUCT RECOVERY WELL LOCATIONS, AND APPROXIMATE EXTENT OF LNAPL DIGITIZED FROM FIGURE TITLED, "FIGURE 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", PREPARED BY GZA, DATED AUGUST 2016.

3. AERIAL IMAGERY SOURCE: NEARMAP, 9 JUNE 2020

4. DETAILS OF THE OU-1 SHEET PILE WALL ARE PROVIDED IN THE "OU-1 BARRIER WALL FOR FORMER NUHART PLASTIC MANUFACTURING SITE" DRAWING SET ISSUED ON 9/12/22 BY JZN ENGINEERING.

5. DETAILS OF THE OU-2 SECANT PILE WALL ARE PROVIDED IN THE "257 FRANKLIN STREET CUTOFF PLAN VIEW" DRAWING ISSUED ON 9/27/22 BY JZN ENGINEERING.

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0 60 120
SCALE IN FEET

HALEY ALDRICH

49 DUPONT STREET
BROOKLYN, NEW YORK

OU-1 AND OU-2 LNAPL PHYSICAL BARRIER WALL PLAN

SEPTEMBER 2022

FIGURE 1

GIS: C:\Users\anichols\Documents\GIS\0200669_dupont_st\GIS\Maps\2021_0402\00669_000_0002_SITE_PLAN.mxd - anichols - 4/6/2021 11:23:33 AM