Monthly Progress Report 2023 No. 3
Former NuHart West Site
10-14 Clay Street, 55-57 Dupont Street & 280 Franklin Street, Brooklyn, NY
NYSDEC Site No. 224136
Reporting Period: March 1, 2023 – April 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 March 1 through April 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 was completed on 8 March 2023. All equipment was demobilized, and the temporary construction fencing was removed on 24 March 2023. Installation of the on-site (OU-1) LNAPL barrier walls began on 23 January 2023 and is ongoing.
- Three permanent groundwater monitoring wells were installed in OU-2 on 13 March 2023 in accordance with NYSDEC guidance and email correspondence on 8 March 2022.

Activities were detailed in the Summary of Corrective Action Letter submitted to NYSDEC on 20 March 2023.

- A request was sent to NYSDEC via email on 21 March 2023 regarding sheet piles installed on the eastern boundary of NuHart West which did not meet target depth outlined in the Record of Decision due to the presence of weathered rock and/or dense clay material be deemed acceptable based on supporting documentation from the geotechnical engineer, JZN Engineering. On 24 March 2023 NYSDEC approved that the sheet piles provide an adequate barrier for LNAPL migration and comply with the intent of the barrier wall pursuant to the Record of Decision. The sheets were cut to uniform height in order to install the base plate component to anchor the tent.

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-21, MW-22, MW-34, MW-35, MW-40, RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-8, RW-9, RW-10, RW-11, and RW-12 were inaccessible due to site work or equipment storage. 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 0.88 gallons of LNAPL was recovered from MW-24 during this reporting period. Upon removal of the temporary construction fencing, an absorbent sock (New Pig) was inserted into MW-24.

The three additional monitoring wells (MW-45, MW-46, and MW-47) installed as part of the Corrective Action were gauged following installation on 13 March 2023. LNAPL was not observed in any of the newly installed wells and daily gauging is ongoing, results of which are included in the daily reports.

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

- 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 Summary of Corrective Action Letter was submitted to NYSDEC on 20 March 2023. No other deliverables were submitted during this reporting period. During the previous 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.

8. Information Regarding Percentage of Completion

Installation of the OU-2 LNAPL barrier wall has been completed. Installation of the OU-1 LNAPL barrier wall is approximately 90% 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

None.

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

A Community Board Meeting will be held at the Dupont Street Senior Housing Center on 3 April 2023 to discuss next steps in the remediation of the Site.

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 23-Mar	2023 Feb-23	2023 Jan-23	2022 Dec-22	2022 Nov-22	2022 Nov-22	2022 Oct-22	2022 Sept-22	2022 Aug-22	2022 Jul-22	2022 Jun-22
MW – 4	ND*	ND*	ND*	ND*	ND*	ND*	ND*	NA	NA	NA	ND*	ND*	ND*
MW – 5	16.91	12.67	4.24	5.02	0.59	5.22	6.94	NA	NA	NA	4.85	4.85	4.07
MW – 6	11.08*	ND	ND	ND	0.74	0.99	1.55	NA	NA	NA	2.63	3.20	3.36
MW – 7	15.61	11.21	4.40	4.85	3.17	1.42	3.17	NA	NA	NA	0.40	1.10	3.35
MW – 8	9.24	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND
MW – 12	8.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 13	8.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 14	12.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	13.79	13.53	0.26	0.53	1.27	1.76	2.36	NA	NA	NA	0.85	1.30	0.85
MW – 16	8.67	8.56	0.11	2.71	3.47	0.47	0.15	NA	NA	NA	0.1	ND	0.02
MW – 20	15.91	13.86	2.05	2.25	1.41	3.66	2.69	2.36	2.80	2.73	3.1	3.05	2.61
MW – 21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.95	1.90	1.54
MW – 22	NA	NA	NA	NA	1.23	1.15	ND*	NA	NA	NA	0.78	1.20	5.13
MW – 23	14.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	13.79	13.76	0.03	0.08	NA	NA	ND	ND	ND	ND	ND	ND	ND
MW – 25	17.64	13.62	4.02	3.72	3.23	3.06	2.86	3.83	4.71	4.51	4.5	4.55	5.87
MW – 26	17.42	13.42	4.00	4.93	0.61	4.09	4.01	3.76	4.84	3.78	3.4	3.50	4.02
MW – 27	13.88	ND	ND	ND	ND	ND	ND*	ND	ND	ND	ND	ND	ND
MW – 28	14.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 29	13.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 30	13.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 31	12.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 32	13.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 34	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND
MW – 35	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND
MW – 36	14.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 37	14.74	ND	ND	ND	ND*	ND*	ND*	ND*	ND	ND	ND	ND	ND
MW – 38	8.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 39	8.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 40	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	ND	—
MW – 41	13.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 42	12.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW - 45	14.06	ND	ND	-	-	-	-	-	-	-	-	-	-
MW - 46	14.76	ND	ND	-	-	-	-	-	-	-	-	-	-
MW - 47	14.21	ND	ND	-	-	-	-	-	-	-	-	-	-
MW-A	14.15	14.11	0.04	0.05	4.45	-	-	-	-	-	-	-	-
RW – 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
RW – 2	NA	NA	NA	NA	NA	3.16	4.55	NA	NA	NA	3.45	3.10	5.67
RW – 3	NA	NA	NA	NA	NA	NA	2.51	NA	NA	NA	2.45	3.40	5.35
RW – 4	NA	NA	NA	NA	0.40	2.18	1.53	NA	NA	NA	3.23	4.40	4.97
RW – 5	NA	NA	NA	NA	NA	3.47	0.86	NA	NA	NA	5.85	5.85	5.02
RW – 6	NA	NA	NA	NA	NA	0.40	ND*	NA	NA	NA	0.7	1.30	0.48
RW – 8 ***	NA	NA	NA	NA	0.36	0.88	1.52	NA	NA	NA	3.77	3.80	4.06
RW – 9	NA	NA	NA	NA	3.55	3.92	4.46	NA	NA	NA	4.07	6.65	4.02
RW – 10	NA	NA	NA	NA	NA	NA	2.13	NA	NA	NA	3	4.2	5.31
RW – 11	NA	NA	NA	NA	2.92	2.48	3.76	NA	NA	NA	4.1	4.9	3.48
RW– 12 ***	NA	NA	NA	NA	NA	5.42	6.10	NA	NA	NA	4.17	4.7	7.02
MW - 1	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
MW - 10	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
MW - 18	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

Well Number	2022 May-22	2022 Apr-22	2022 Mar-22	2022 Feb-22	2022 Jan-22	2021 Dec-21	2021 Nov-21	2021 Oct-21	2021 Sep-21	2021 Aug-21	2021 Jul-21	2021 Jun-21	2021 May-21	2021 Apr-21	2021 Mar-21
MW – 4	ND*	ND*	ND*	ND*	ND*	—	—	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND
MW – 5	4.00	4.50	3.20	2.73	6.88	3.85	0.71	4.27	2.17	3.52	0.78	0.10	0.42	0.78	0.29
MW – 6	3.01	3.05	1.65	2.55	2.61	2.71	2.83	2.42	2.90	3.45	2.74	3.17	0.28	3.03	3.18
MW – 7	2.13	2.82	1.00	1.00	2.07	1.59	0.67	0.88	0.37	0.42	0.46	2.26	0.54	1.76	1.28
MW – 8	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
MW – 13	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
MW – 15	1.30	3.05	4.43	0.38	1.04	1.05	0.10	0.48	0.38	0.83	0.46	0.57	0.61	2.44	4.46
MW – 16	0.40	0.58	0.03	0.20	0.56	0.12	0.14	0.17	0.29	0.63	0.10	1.59	1.17	1.80	0.04
MW – 20	2.60	2.61	2.02	3.22	2.29	1.78	2.78	2.36	3.03	3.05	2.95	3.08	2.06	2.71	1.09
MW – 21	1.40	2.09	2.68	0.75	0.86	1.60	1.15	2.45	0.05	0.35	1.39	1.33	1.06	1.91	2.61
MW – 22	1.30	1.55	ND*	ND*	0.58	—	—	0.93	0.11	0.86	1.13	1.62	0.39	0.99	0.45
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	ND
MW – 25	4.20	4.44	3.87	3.29	3.78	3.52	4.49	3.78	3.81	3.90	3.08	4.37	3.63	3.81	3.24
MW – 26	3.40	4.39	3.02	1.90	4.45	3.24	3.44	2.89	7.14	3.58	3.07	4.01	3.02	3.32	3.32
MW – 27	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
MW – 29	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
MW – 31	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
MW – 34	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
MW – 36	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
MW – 38	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
MW – 40	—	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 41	ND	ND	ND	ND	ND	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
MW - 45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	3.39	5.78	5.25	3.15	5.19	3.03	2.11	2.00	2.16	2.12	2.92	02.15	1.74	3.28	2.44
RW – 3	3.04	3.90	1.34	2.30	3.20	0.67	2.70	2.79	2.60	3.67	4.61	05.02	1.45	3.85	2.50
RW – 4	4.01	4.40	2.97	3.13	1.92	2.89	3.50	3.17	0.86	4.35	4.52	03.87	2.64	4.35	3.69
RW – 5	5.31	5.40	5.18	5.60	2.81	0.51	5.81	3.80	1.10	6.45	1.15	5.91	0.73	4.78	0.67
RW – 6	1.20	1.15	0.35	1.05	1.10	—	0.90	1.12	0.53	0.21	1.14	1.33	0.58	2.49	##
RW – 8 ***	4.06	3.55	2.35	—	—	—	—	—	—	—	—	—	—	—	—
RW – 9	3.70	6.55	2.50	3.70	5.97	4.46	2.54	2.70	0.78	4.12	2.95	3.65	3.42	4.39	5.42
RW – 10	5.74	4.02	3.00	3.30	3.61	1.65	2.95	3.04	0.70	2.90	3.30	4.71	3.1	4.32	1.38
RW – 11	4.01	5.22	3.35	2.85	0.68	4.78	4.13	3.64	1.11	4.48	2.67	6.11	2.00	4.20	1.43
RW– 12 ***	3.86	3.30	3.50	—	—	—	—	—	—	—	—	—	—	—	—
MW - 1	NG	NG	NG	NG	NG	NG	—	NG	NG	NG	NG	NG	NG	NG	NG
MW - 9	NG	NG	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG
MW - 10	NG	NG	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	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

Well Number	2020 Nov-20	2020 Oct-20	2020 Jul-20	2020 Jun-20	2020 May-20	2020 Apr-20	2020 Mar-20	2020 Feb-20	2020 Jan-20	2019 Dec-19	2019 Nov-19	2019 Oct-19	2019 Sep-19	2019 Aug-19	2019 Jul-19	2019 Jun-19
MW – 4	ND	ND	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	ND*	ND	ND*	ND*
MW – 5	3.59	4.76	2.94	5.43	3.71	4.18	4.46	4.21	3.44	4.47	4.61	5.65	5.18	1.30	3.73	5.15
MW – 6	3.00	2.78	2.48	0.99	3.00	2.20	2.29	2.39	2.98	0.85	##	##	##	##	##	0.50
MW – 7	1.15	1.56	2.10	3.89	2.81	3.85	3.53	1.59	0.99	1.67	1.59	1.63	1.96	0.84	0.45	1.30
MW – 8	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
MW – 13	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
MW – 15	0.29	1.30	1.00	3.13	2.36	2.75	3.29	2.66	0.83	0.85	1.08	1.99	0.18	0.03	0.11	0.87
MW – 16	0.35	0.85	0.85	0.41	0.22	0.84	0.36	ND	ND	ND	1.95	0.56	0.81	0.01	0.04	1.17
MW – 20	2.66	3.71	1.23	2.92	2.91	1.01	3.12	2.18	2.75	2.82	3.73	3.37	3.25	2.29	2.09	3.66
MW – 21	1.33	3.13	2.98	5.44	4.29	4.29	4.57	3.63	1.11	2.88	3.07	3.13	1.99	1.51	1.41	1.84
MW – 22	0.37	1.95	0.76	2.56	2.13	1.54	1.55	1.59	1.44	1.22	1.06	1.94	2.95	0.69	0.51	2.28
MW – 23	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
MW – 25	3.28	4.35	4.23	3.68	0.98	3.79	6.72	4.57	4.89	4.66	4.93	4.31	3.18	3.38	3.83	4.61
MW – 26	2.97	3.56	3.79	3.78	3.71	3.47	4.13	4.14	4.11	4.65	4.02	4.62	5.21	3.43	3.19	4.90
MW – 27	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
MW – 29	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
MW – 31	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
MW – 34	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
MW – 36	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
MW – 38	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
MW – 40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW – 42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW - 45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	3.81	2.90	3.95	4.56	3.25	4.93	4.78	4.59	3.31	4.49	2.42	5.03	2.19	1.41	0.66	4.08
RW – 3	1.99	3.25	4.41	2.31	2.05	3.82	3.85	3.48	3.24	2.62	4.30	4.03	4.09	3.50	3.25	3.96
RW – 4	3.23	2.99	3.94	3.35	2.92	3.55	2.46	3.78	2.64	3.02	4.15	##	4.21	3.56	3.07	4.72
RW – 5	4.93	5.30	6.32	4.59	1.60	2.91	4.91	5.18	2.54	##	##	##	5.74	##	##	##
RW – 6	##	2.82	1.85	2.17	0.44	1.21	0.98	1.05	1.67	1.51	1.61	2.19	1.49	0.7	0.46	1.57
RW – 8 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW – 9	6.45	4.64	4.30	4.90	4.65	4.22	5.01	5.36	4.08	4.65	4.37	5.59	4.23	2.99	3.55	4.57
RW – 10	5.96	3.88	3.59	4.31	2.93	2.86	3.80	3.59	4.58	3.64	4.41	4.37	3.99	0.76	3.04	3.92
RW – 11	3.25	4.24	3.45	3.89	4.32	4.31	5.77	5.13	3.80	5.58	4.54	6.30	4.85	4.12	3.78	4.65
RW– 12 ***	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW - 1	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
MW - 10	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
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

Well Number	2019 May-19	2019 Apr-19	2019 Mar-19	2019 Feb-19	2019 Jan-19	2018 Dec-18	2018 Oct-18	2018 Jun-18	2018 May-18	2018 Apr-18	2018 Mar-18	2018 Feb-18	2018 Jan-18	Nov-17
MW – 4	##	ND*	ND*	ND*	ND*	ND*	ND*	0.12	1.13	0.65	0.73	ND*	0.92	2.12
MW – 5	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
MW – 6	2.35	##	##	##	##	##	ND	0.55	0.50	2.47	0.74	##	##	##
MW – 7	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
MW – 8	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	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
MW – 16	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
MW – 20	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
MW – 21	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
MW – 22	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
MW – 23	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	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
MW – 26	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
MW – 27	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
MW – 29	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
MW – 31	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
MW – 34	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
MW – 36	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
MW – 38	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
MW – 40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 41	—	—	—	—	—	—	—	ND	ND	ND	ND	ND	ND	ND
MW – 42	ND	ND	ND	ND	ND	ND*	ND*	ND	ND	ND	ND	ND	ND	ND
MW - 45	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	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
RW – 3	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
RW – 4	1.13	0.53	2.85	##	##	03.37	2.85	2.96	2.97	3.80	3.01	02.39	3.06	4.32
RW – 5	0.71	##	##	##	##	##	ND*	0.44	0.33	0.65	0.34	4.64	0.49	4.49
RW – 6	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
RW – 8 ***	—	—	—	—	—	—	—	0.02	0.02	0.03	0.03	0.96	1.99	—
RW – 9	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
RW – 10	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
RW – 11	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
RW– 12 ***	—	—	—	—	—	—	—	0.11	0.02	2.61	0.02	1.12	1.5	5.96
MW - 1	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
MW - 10	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 17	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG
MW - 18	NG	NG	NG	NG	ND	NG	NG	NG	NG	NG	NG	NG	NG	NG
RW - 7	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 MW-45, MW-46, and MW-47 installed on 13 March 2023**
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										2015										2014										2013										2012			
			Oct-17	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	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	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	ND*	ND*	0.81	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	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	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	16.91	12.67	2.19	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	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	—	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	11.08*	ND	1.22	3.19	3.15	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	2.30	##	##	##	##	##	##	##	##	—	—	2.84	3.43	—	2.89	2.76	2.00	##	2.42	2.82	—	—	—	—	—	—	3.49	2.14
MW – 7	15.61	11.21	1.48	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	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	—	—	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	9.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 12	8.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	ND	ND	—	—	—	—	ND	ND	ND	ND	—	ND	—	ND	ND	—	ND	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 13	8.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	ND	ND	—	—	—	—	ND	ND	ND	—	ND	—	ND	ND	—	ND	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 14	12.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	ND	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 15	13.79	13.53	0.31	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	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	—	3.11	3.19	3.34	##	2.14	0.70	-	0.32	1.07	-	1.56	0.99	0.76	2.67
MW – 16	8.67	8.56	0.35	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	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	—	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	15.91	13.86	2.52	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	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	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	NA	NA	3.26	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	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	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	NA	NA	1.25	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	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	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	14.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 24	13.79	13.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW – 25	17.64	13.62	4.03	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	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	—	—	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	17.42	13.42	3.81	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	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	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	13.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	0.99	ND	ND	ND
MW – 28	14.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI
MW – 29	13.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI
MW – 30	13.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—	—	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW – 31	12.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	—	—	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW – 32	13.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW – 34	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW – 35	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI
MW – 36	14.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 37	14.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 38	8.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 39	8.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 40	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 41	13.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW – 42	12.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW - 45	14.06	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 46	14.76	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW - 47	14.21	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-A	14.15	14.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW – 1	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW – 2	NA	NA	0.56	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	2.83	4.28	2.64	2.97	3.41	5.54	5.28	5.44	2.82	4.19	4.52	4.57	4.53	4.52	0.11	—	1.30	3.05	2.31	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	NA	NA	3.17	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	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	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	NA	NA	4.33	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	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	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	NA	NA	5.28	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	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	0.52	0.60	0.79	0.54	##	0.69	0.51	2.62	—	—	—	2.35	3.00	1.88	-
RW – 6	NA	NA	0.73	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	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	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 ***	NA	NA	1.15	2.2	3.62	1.2	2.34	0.02	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.14	2.93	2.92	4.01	4.48	##	2.95	—	0.65	1.47	0.86	2.37	2.46	3.92	4.13	##	4.59	3.64	—	—	—	—	—	—	—	—	—	—
RW – 9	NA	NA	3.72	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	3.46	4.62	4.37	3.52	2.68	3.23	3.04	4.82	4.79	4.28	5.68	5.65	4.01	4.59	4.92	4.14	—	3.02	2.90	2.71	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	NA	NA	3.65	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	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	3.80	3.81	3.99	4.11	##	4.11	3.55	—	—	—	—	—	—	—	—
RW – 11	NA	NA	2.97	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	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	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 ***	NA	NA	NA	3.65	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	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	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	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	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	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	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	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	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	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	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	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	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 pro

= NAPL observed, apparent thickness not c

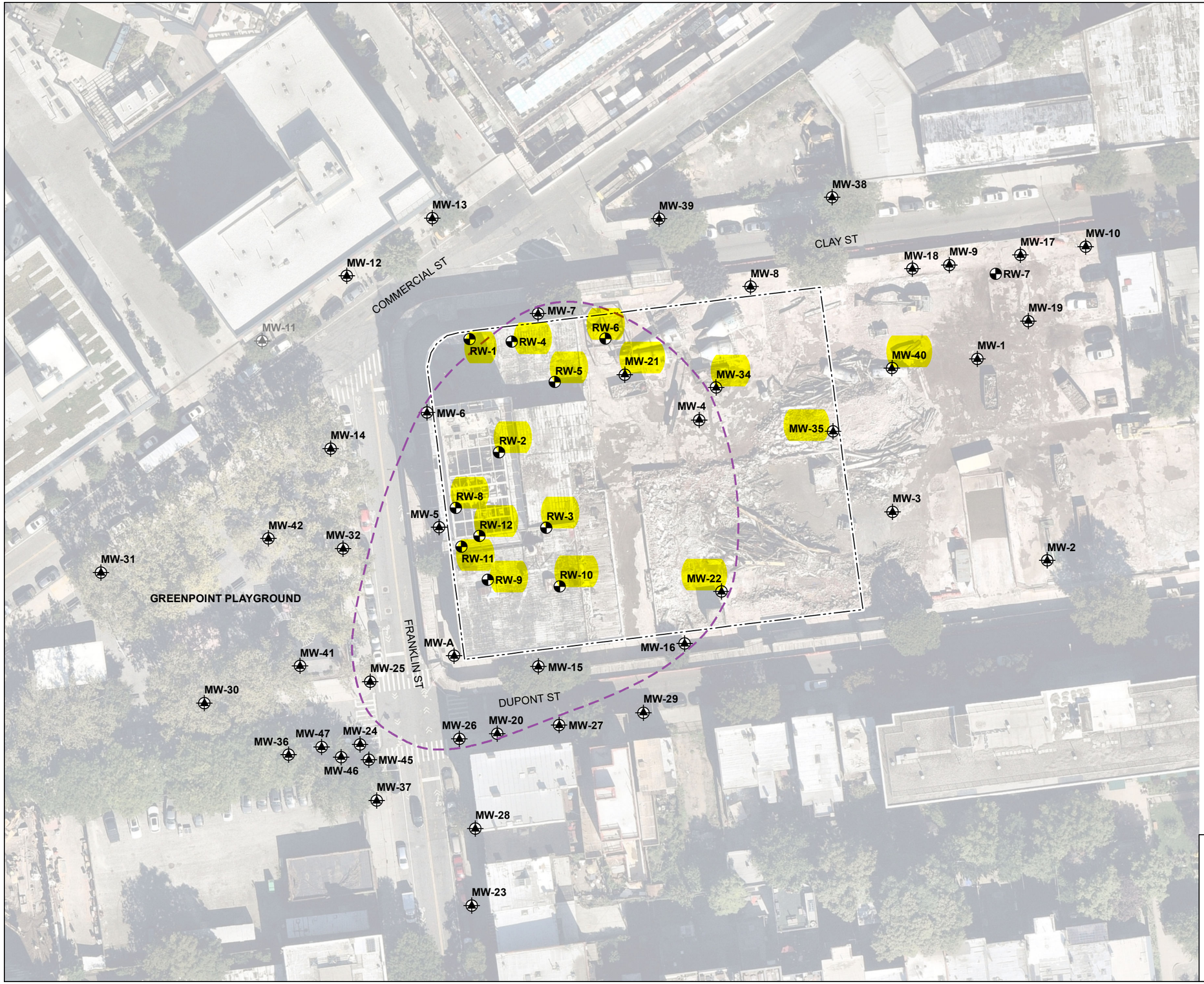
NI = Not Installed **ND = Not De**

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
- PARCEL

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, 27 SEPTEMBER 2022

N

0 60 120
SCALE IN FEET

HALEY ALDRICH

49 DUPONT STREET
BROOKLYN, NEW YORK

SITE PLAN

APRIL 2023

FIGURE 2

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