



Monthly Progress Report 2024 No. 6

Former NuHart West Site
65 Dupont Street, Brooklyn, NY
NYSDEC Site No. 224136
Reporting Period: June 1, 2024 – July 1, 2024

1. Introduction

In accordance with the reporting requirements for the Former NuHart West Site, located at 65 Dupont Street, Brooklyn, NY (Site), Haley & Aldrich of New York Engineering and Geology, LLP (Haley & Aldrich of New York), has prepared this monthly progress report, on behalf of Dupont Street Owner LLC, to summarize the work performed at the Site from June 1, 2024 through July 1, 2024.

The Former NuHart West Site is located in the Greenpoint neighborhood of Brooklyn, NY and is identified as Block 2487 Lot 17 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 was 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 on-Site and off-Site 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 the Site and extending somewhat off-Site to the southwest. Groundwater is encountered at approximately 8 to 10 feet below ground surface (ft bgs). Currently, the Site is a 49,000-square foot lot undergoing remediation.

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

Below-grade work on-Site is complete and work on the building superstructure is ongoing.

Haley & Aldrich of New York continues to observe off-Site intrusive work associated with subgrade utility work to ensure it is in conformance with the Site Soil Management Plan (SSMP), including conducting community air monitoring. Daily reports are submitted the following business day to the NYSDEC and New York State Department of Health (NYSDOH) case managers.

The dewatering system was shut off on 25 June 2024.

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

Gauging of off-Site monitoring wells associated with the Site was performed on 24 June 2024. On-Site monitoring wells are no longer accessible due to construction activities. Gauging results are included in the attached table. Additionally, transducers are installed in MW-29, MW-30, MW-32, MW-38, MW-39, and MW-42 and could not be gauged. The wells that could not be accessed are identified on Figure 2.

Due to LNAPL identified in MW-24 in previous reporting periods, an absorbent sock (New Pig) remains installed in MW-24 and is inspected on a weekly basis and replaced periodically, as needed. Absorbent socks have also been installed in all off-Site monitoring wells outside the construction fence where LNAPL is present including MW-20, MW-25, and MW-26.

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

Continue oversight of off-Site utility work in accordance with the SSMP.

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

No sampling was conducted during this reporting period.

7. Deliverables Submitted During This Reporting Period

No deliverables were submitted during this reporting period. During the previous reporting period, the OU-2 ZVI Injection and SVE Pilot Test Summary Letter was submitted to NYSDEC on 22 May 2024. The Final OU-2 LNAPL Recovery System Design was submitted to NYSDEC on 22 May 2024 which addressed comments received from NYSDEC on 10 May 2024.

A revised LNAPL Recovery System Design and the RCRA Closure Report will be submitted in the coming reporting period.

8. Information Regarding Percentage of Completion

The Remedial Action 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.

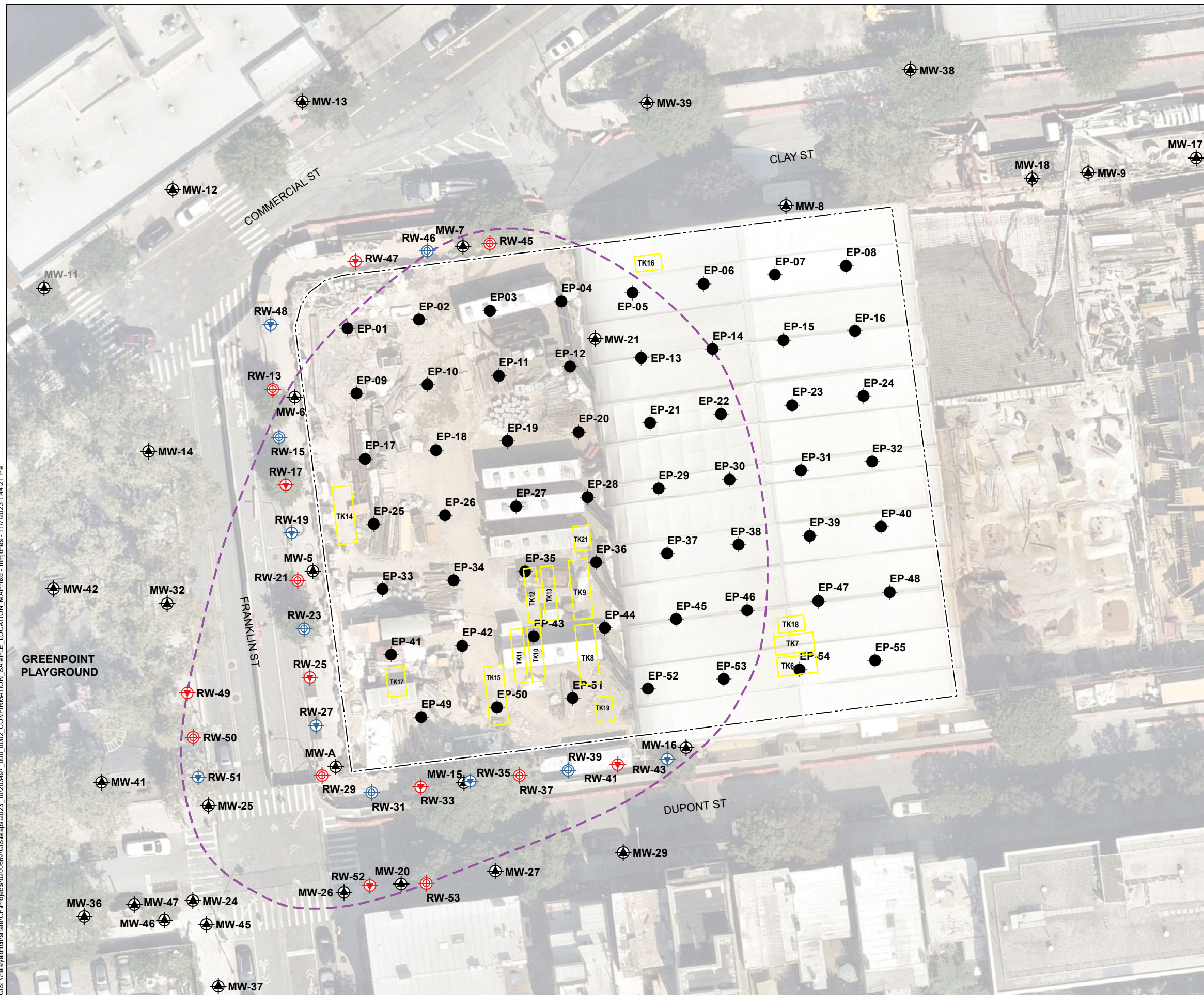
11. Activities Anticipated in Support of the CP Plan for the Next Reporting Period(s):

None.

12. Miscellaneous Information

None.

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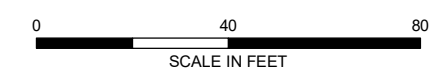


LEGEND

- CONFIRMATION SAMPLE, COLLECTED AT 16 FT
- ⊕ EXISTING GROUNDWATER MONITORING WELL TO BE PROTECTED DURING CONSTRUCTION
- ⊕ PROPOSED LNAPL RECOVERY WELL (4" DIAMETER WITH 0.01 SLOT SIZE)
- ⊕ PROPOSED LNAPL RECOVERY WELL (2" DIAMETER WITH 0.01 SLOT SIZE)
- ⊕ PROPOSED LNAPL RECOVERY WELL (4" DIAMETER WITH 0.02 SLOT SIZE)
- ⊕ PROPOSED LNAPL RECOVERY WELL (2" DIAMETER WITH 0.02 SLOT SIZE)
- EXTENT OF LNAPL ON GROUNDWATER
- SITE BOUNDARY
- TK9 APPROXIMATE UST LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID
3. 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", GZA, AUGUST 2016.
4. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023



HALEY ALDRICH 49 DUPONT STREET
BROOKLYN, NEW YORK










SITE PLAN

NOVEMBER 2023

FIGURE 1

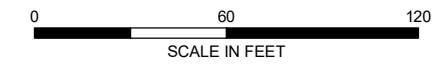


LEGEND

-  GROUNDWATER MONITORING WELL
-  PRODUCT RECOVERY WELL
-  GROUNDWATER MONITORING WELL, DESTROYED
-  EXTENT OF LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL) ON GROUNDWATER
-  SITE BOUNDARY
-  PARCEL
-  WELL INACCESSIBLE
-  TRANSDUCER INSTALLED IN MONITORING WELL
-  ABSORBENT SOCK INSTALLED IN MONITORING WELL

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 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", PREPARED BY GZA, DATED AUGUST 2016.
3. AERIAL IMAGERY SOURCE: NEARMAP, 27 SEPTEMBER 2022



HALEY ALDRICH 49 DUPONT STREET
BROOKLYN, NEW YORK

SITE PLAN

APRIL 2023

FIGURE 2

Table 1: Attachment A: Apparent Thickness of LNAPL Former NuHart Plastic Manufacturing Site, NYSDEC #224136 65 Dupont Street Brooklyn, NY

Readings taken 6/24/2024 between 7:00 am and 3:00 pm (high tide @ 12:06 pm and low tide @ 5:53 am)

Table with columns for Well Number, Depth to Water (feet), Depth to Product (feet), and Apparent Thickness of LNAPL (feet) for years 2020 through 2016. The table contains multiple rows of data for various wells (MW-4 to MW-47, RW-1 to RW-11, MW-1 to MW-10, MW-17, MW-18, RW-7).

- Notes: 1. Data recorded using an oil/water interface 1 2. ## = NAPL observed, apparent thickness in 3. NI = Not Installed 4. ND = Not Detected 5. NA = No Access 6. NG = Not Gauged 7. TD = Transducer installed 8. ** = Water not detected; well filled with sed 9. Wells MW-45, MW-46, and MW-47 install 10. Absorbent sock installed in MW-20, MW- 11. Wells MW-1, MW-2, MW-9, MW-10, MW- 12. Well-34 has uneven casing top 13. est: Estimated Value 14. * = Well was dry 15. ****= DTW reading not determined. Prob 16. Wells were gauged on 24 June 2024 17. Sheen = Sheen of LNAPL observed on inte

