Monthly Progress Report No. 009
Kasser Scrap Metal and Rector Cleaners Site
111 Washington Street
New York, New York
Brownfield Cleanup Program Site #: C231153
Reporting Period: November 2023

1. Introduction

In accordance with the reporting requirements of the Brownfield Cleanup Agreement (BCA) for the above-referenced site, Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has prepared this monthly progress report to summarize the work performed at the Kasser Scrap Metal and Rector Cleaners Site (site) from November 1 – November 30, 2023.

The site is located at 111 Washington Street in the Financial District of New York, New York and is identified as Block 53, Lot 12 on the Manhattan Borough Tax Map. The site is about 11,255 square feet and is an active construction site.

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

The Volunteer continued implementing the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP). Activities during this reporting period included:

- Excavating, regrading, and probing for remnant foundation elements associated with former site structures
- Implementing the Community Air Monitoring Program (CAMP)
- Soil mix coring was implemented as part of the quality assurance/quality control (QA/QC) program for the in-situ stabilization (ISS) of non-aqueous phase liquid (NAPL)-contaminated soil established in the NYSDEC-approved RAWP.
    - On November 27, 28, 29, and 30, 2023 Aquifer Drilling and Testing (ADT) under contract to Urban Foundation/Engineering (Urban) drilled four, 3-inch cores; one through the center of each of the three previously installation ISS columns (core samples ISS-1B-C1, ISS-2B-C1, and ISS-3B-C1) and one through the intersection of all three ISS columns (ISS-center-C1) using an Acker Diesel Restricted Access Drill (RAD) mobile drilling rig with a 5-inch coring bit and PQ core barrel.
    - The recovered cores at ISS-1B-C1, ISS-2B-C1, and ISS-center-C1 demonstrated successful solidification of the soil mass based on visual observations, including suitable recovery, quality density, and the absence of NAPL. Recovered cores were screened with a photoionization detector (PID) and exhibited a maximum PID reading of 1.2 parts per million (ppm).

    - A total of 24 soil mix core samples were collected for laboratory analysis of permeability/hydraulic conductivity and compressive strength. The core samples will be analyzed for compressive strength by Fenagh Engineering and Testing and hydraulic conductivity by TerraSense. Laboratory results will be provided to the NYSDEC upon receipt and included in the December 2023 Monthly Progress Report (if available at the time of submission).
- Exporting excavated soil/fill as summarized below:
    - 99 loads of soil/fill were exported to the Clean Earth of Carteret facility located in Carteret, New Jersey.

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

RAWP implementation will continue during the next reporting period.

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

None.

5. Results of Sampling, Testing and Other Relevant Data

None.

6. Deliverables Submitted During This Reporting Period

Daily reports summarizing site activities, remedial work, CAMP results, notable site conditions, and anticipated site activities were submitted to the NYSDEC.

7. Information Regarding Percentage of Completion

The implementation of the RAWP is about 25% complete.

The BCP project is approximately 50% complete.

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

None.

9. Citizen Participation (CP) Plan Activities during This Reporting Period

None.

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

None.

11. Miscellaneous Information

The NYSDEC Project Manager, Marnie Chancey, visited the site on November 22, 2023.