



Environmental, Planning, and Engineering Consultants

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May 9, 2023

Mr. Christopher Allan
NYS Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101

**Re: Monthly Progress Report – April 2023
975 Nostrand Avenue, Brooklyn, NY
NYSDEC Site # C224335**

Dear Mr. Allan:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize work performed for the month of April 2023 at the 975 Nostrand Avenue site located in Brooklyn, NY (the “Site”) (BCP Site # C224335). Remedial activities were performed under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) in accordance with AKRF’s November 2022 Remedial Action Work Plan (RAWP) and the Decision Document (DD) issued by the NYSDEC.

Activities for This Reporting Period

The foundation contractor installed support of excavation (SOE) along the Site perimeter. Excavation and soil disposal occurred from across the Site. The total quantity of soil/fill exported from the Site is listed in the table below:

Soil Disposal Facility	Material Type	Estimated Quantity (cubic yards)
Impact Recovery and Reuse Center (IRRC) Lyndhurst, NJ	non-hazardous soil	560
Bayshore Soil Management Keasbey, NJ	non-hazardous soil	2,680

No excessive dust generation or sustained CAMP exceedances due to invasive work were noted during these activities. In addition, the contractor exported approximately 60 cubic yards of construction and demolition debris (C&D) to the IRRC facility for recycling. The contractor imported 138.01 tons of ASTM#5 stone from Tilcon’s West Nyack Quarry and 25.86 tons from the Mount Hope Quarry for use as the gas permeable aggregate (GPA) layer for the sub-slab depressurization system (SSDS). The contractor installed underground components of the SSDS, including: geotextile fabric, GPA, slotted and solid PVC piping, geogrid (in select areas), and the minimum 20-mil thickness vapor barrier/waterproofing membrane in the southern and central portion of the Site.

On April 4, 2023, two approximately 550-gallon underground storage tanks (USTs) were discovered in the western portion of the Site and evidence of petroleum contamination was noted in the soil around the tanks. Between April 6 and 11, the tank contents were removed, and the tanks were cleaned and removed from the Site by PAL Environmental Services (a licensed tank contractor). Due to the close proximity of the UST area to the western boundary and the MTA tunnel (under Nostrand Avenue), additional SOE was required to facilitate excavation. Limited excavation was conducted following SOE installation to remove the petroleum contaminated soil. Soil waste characterization samples were collected from the contaminated soil and some of the excavated material was exported off-site for disposal. The excavation and removal of petroleum contaminated soil will be completed in May 2023.

Sample Collection and Analytical Data

Between April 10 and 12, 2023, AKRF collected a total of 16 soil endpoint samples (EP-37 thru EP-52) and associated quality assurance (QA)/quality control (QC) samples from the excavation bottom in the southwestern and northern portion of the Site. The samples were sent for laboratory analysis in accordance with NYSDEC-approved RAWP, and the results were submitted to NYSDEC for review and approval. A Track 2 Cleanup was achieved in the sampled areas based on the removal of the top 15 feet of soil/fill below grade.

CAMP Observations

AKRF maintained upwind and downwind fixed air monitoring stations in accordance with the Community Air Monitoring Plan (CAMP). A few particulate and/or photoionization detector (PID) exceedances were noted either during system startups or due to equipment malfunction or due to construction activities unrelated to intrusive work. The exceedances were not attributed to the ongoing Site work.

Citizen Participation Tasks

No citizen participation tasks were required during this reporting period.

Unresolved Schedule Delays Encountered or Anticipated and Efforts to Mitigate Such Delays

No unresolved schedule delays were encountered in the reporting period.

Anticipated Activities for the Next Reporting Period

Remedial excavation, soil export, SSDS installation, foundation installation, and endpoint sample collection will continue in May 2023.

Please feel free to contact Axel Schwendt at (646) 388-9529 or Ashutosh Sharma at (646) 388-9865 with any questions.

Sincerely,
AKRF, Inc.



Ashutosh Sharma
Senior Technical Director



Axel Schwendt
Vice President