



Environmental, Planning, and Engineering Consultants

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August 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 – July 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 July 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. Approximately 2,980 cubic yards of soil/fill were excavated and exported off-site for disposal at the Impact Recovery and Reuse Center (IRRC) facility located in Lyndhurst, New Jersey. No excessive dust generation or sustained CAMP exceedances due to invasive work were noted during these activities. AKRF prepared and submitted the Petroleum Bulk Storage (PBS) application (Site ID #2-613435) to NYSDEC to register and close the two underground storage tanks (USTs) removed from the Site.

The contractor imported a total of 373.72 tons of crushed stone from Vulcan Materials and 231.81 tons of crushed stone from Tilcon’s West Nyack quarry for use as the gas permeable aggregate (GPA) layer for the sub-slab depressurization system (SSDS). A total of 46.55 tons of crushed stone (dense grade aggregate material) was imported from the IRRC facility for use as backfill behind the foundation walls. 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 various portions of the Site.

Sample Collection and Analytical Data

On July 6, 2023, AKRF collected a total of five soil endpoint samples (EP-62 thru EP-66) and associated quality assurance (QA)/quality control (QC) samples from the excavation bottom. 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. The required post-excavation soil endpoint sampling

has been completed across the Site in accordance with the RAWP, and no further sampling would be conducted.

CAMP Observations

AKRF maintained upwind and downwind fixed air monitoring stations in according 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 wildfire smoke (coming from Canada) 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, and foundation installation will continue in July 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