



Environmental, Planning, and Engineering Consultants

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April 7, 2023

Mr. Rafi Alam
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York, 12233-7017

Re: Monthly Progress Report – March 2023
Mapes East 182 Street
820 East 182nd Street, Bronx, NY
NYSDEC BCP Site No. C203149

Dear Mr. Alam,

AKRF, Inc. (AKRF) has prepared this Monthly Progress Report to summarize work performed at the above-referenced New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) site (the “Site”). The Site location is shown on Figure 1 and a Site plan is provided on Figure 2. The following activities were conducted in March 2023:

- AKRF continued oversight during implementation of the NYSDEC-approved Interim Remedial Measure Work Plan (IRMWP). Island Pump & Tank Corp. (IPT) of East Northport, New York, removed five 4,000-gallon gasoline underground storage tanks (USTs), one 1,000-gallon waste oil UST, and demolished the decommissioned pump island. All cleaning fluids and tank sludge were contained in 55-gallon drums pending off-site disposal at a permitted facility. During intrusive activities, AKRF performed perimeter air monitoring using two fixed stations and work zone air monitoring using one set of roving equipment to monitor particulate and volatile organic compound (VOC) levels. AKRF also screened the soil surrounding the tanks for evidence of contamination [i.e., odors, elevated photoionization detector (PID) readings, staining]. Manifests, disposal tickets, and field observations will be included in the IRM Construction Completion Report (CCR).
- Following removal of the USTs and pump island, AKRF collected sidewall and bottom of excavation endpoint samples. All endpoint samples were submitted to Eurofins TestAmerica for analysis of NYSDEC CP-51 VOCs and semi-volatile organic compounds (SVOCs). The sample locations were surveyed by Fehringer Surveying, P.C. of Seaford, New York. The laboratory results were submitted to a third-party data validator. The complete laboratory data package and Data Usability Summary Report (DUSR) will be provided in the IRMCCR.
- On March 27 and 28, 2023, IPT backfilled the open excavation with NYSDEC-approved virgin sand mined from Coram Materials, Corp., a sand and gravel quarry (NYSDEC ID No. 10098). Import documentation will be provided in the IRMCCR.

The following activities are planned for April 2023:

- AKRF will update the Petroleum Bulk Storage (PBS) registration for the Site to indicate that the tanks have been properly closed and removed. In addition, the tank contractor will submit the affidavit to the NYC Fire Department.
- The 55-gallon drums will be properly disposed of at a permitted facility.
- AKRF will begin preparation of the IRMCCR.

If you have any questions regarding the information presented herein, please contact me at (646) 388-9576.

Sincerely,
AKRF, Inc.



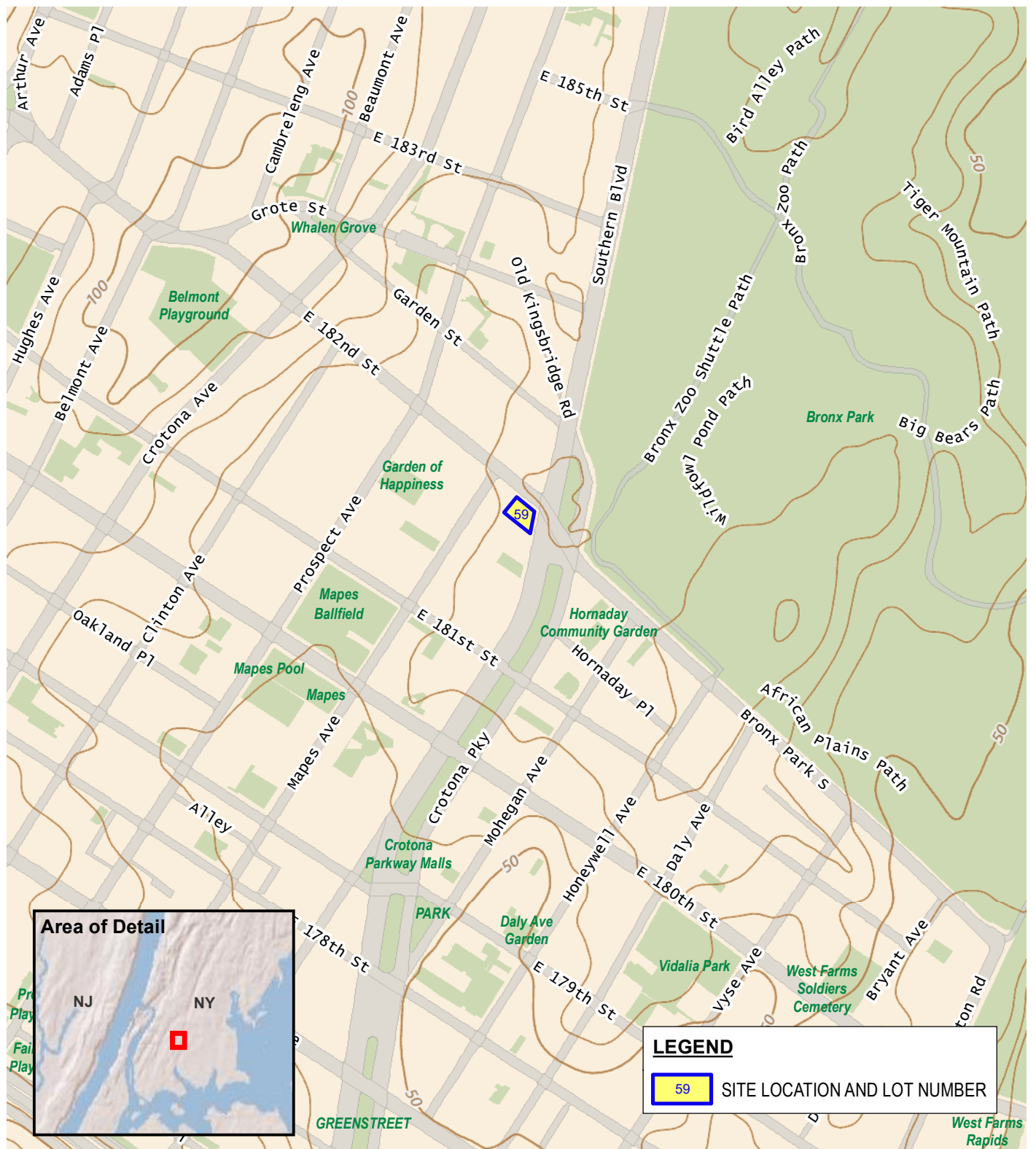
Adrianna Bosco
Technical Director

Enc. Figure 1 – Site Location
Figure 2 – Site Plan

cc (electronic copy only):

Heidi Dudek – NYSDEC
Johnathan Robinson – NYSDOH
Matthew Kelly – East 182 Street Associates, LLC
George C. D. Duke – Connell Foley LLP
Deborah Shapiro, Rebecca Kinal, Tim Larigan – AKRF

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program 2020



440 Park Avenue South, New York, NY 10016

820 East 182nd Street
Bronx, New York

SITE LOCATION

DATE

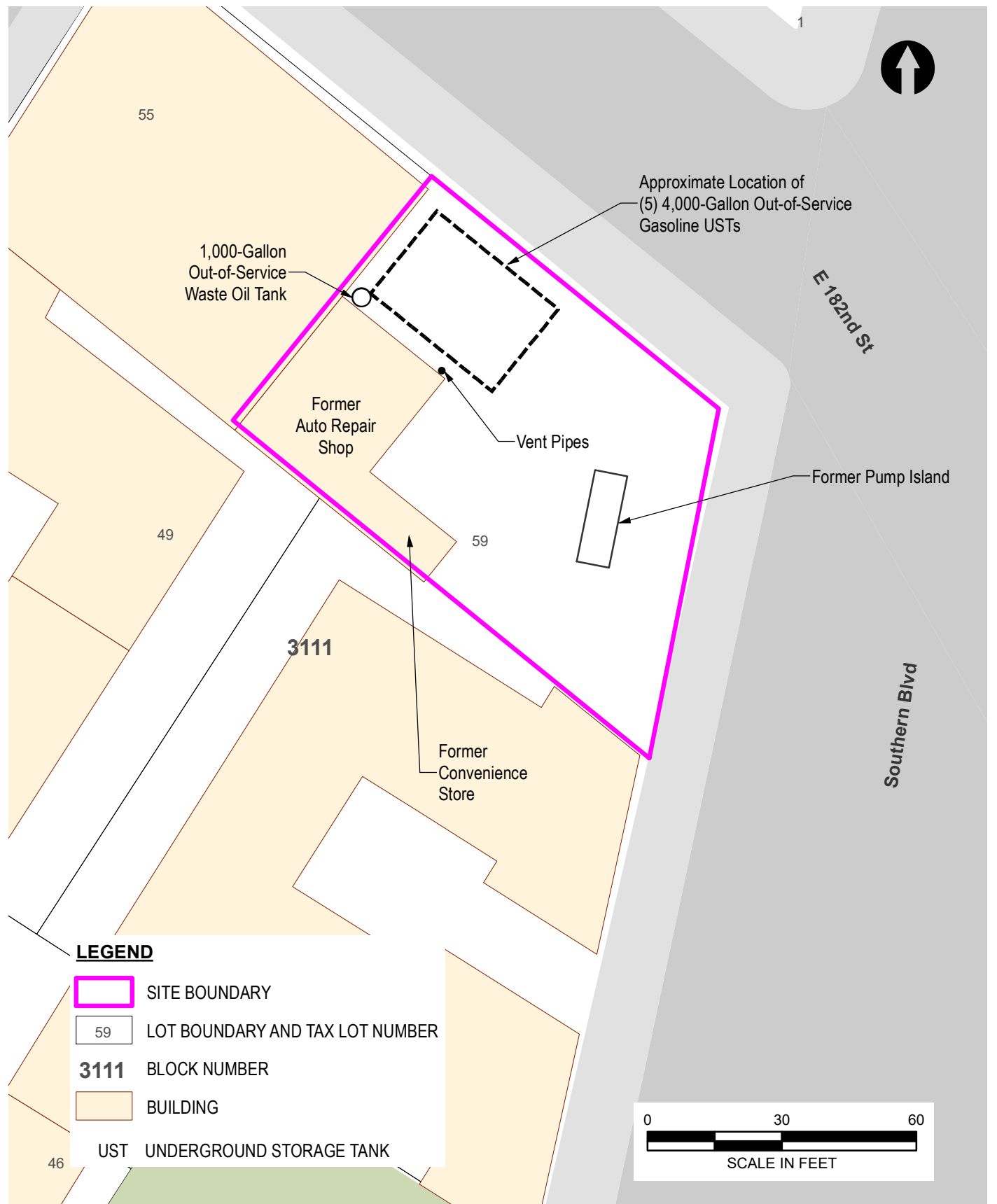
4/8/2022

PROJECT NO.

210138

FIGURE

1



Map Source:
NYC DCP (NYC Dept. of City Planning) GIS database.



440 Park Avenue South, New York, NY 10016

820 East 182nd Street
Bronx, New York

SITE PLAN

DATE
4/25/2022

PROJECT NO.
210138

FIGURE
2