



***Environmental, Planning, and Engineering Consultants***

440 Park Avenue South  
7th Floor  
New York, NY 10016  
tel: 212 696-0670  
fax: 212 213-3191  
[www.akrf.com](http://www.akrf.com)

July 6, 2022

Mr. Christopher Allen  
NYS Department of Environmental Conservation  
Division of Environmental Remediation  
47-40 21<sup>st</sup> Street  
Long Island City, NY 11101-5407

Re: Monthly Progress Report – June 2022  
Newtown Creek Bud Site – North Block  
2-10 54<sup>th</sup> Avenue, Long Island City, New York  
NYSDEC BCP Site No. C241248

Dear Mr. Allen:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed for the Newtown Creek Bud Site – North Block, New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) project (Site No. C241248), which is located at 2-10 54<sup>th</sup> Avenue (soon to be referred as 2-21 Malt Drive), Long Island City, New York, during the month of June 2022. A Site location plan is provided as Figure 1.

The following activities were conducted in June 2022:

- Between June 1 and 30, 2022, the Volunteer completed remediation and redevelopment activities at the Site, including the installation of test piles and completion of pile load tests, completion of ground improvement, excavation and off-site disposal of soil from the Site, and importation of NYSDEC-approved virgin gravel to be used as backfill during groundwater remediation. AKRF has been on-site during all intrusive activities to perform air monitoring for particulates and volatile organic compounds (VOCs), in accordance with the Community Air Monitoring Plan (CAMP) in the NYSDEC-approved Remedial Action Work Plan (RAWP). The CAMP data has been included in field summary reports submitted to NYSDEC.
- Between June 1 and 30, 2022, 16 truckloads of soil/fill were transported for off-site disposal at Clean Earth – North Jersey in Keasby, NJ, and 190 truckloads of soil/fill were transported for off-site disposal at Bayshore Management LLC in Kearny, NJ. The soil excavation plan is presented on Figure 2.
- Between June 1 and 17, 2022, AKRF oversaw and documented remediation of the petroleum source area associated with NYSDEC Spill No. 2100710 in accordance with the revised Groundwater Treatment Design document dated May 3, 2022. Activities included soil excavation and off-site disposal, and groundwater treatment using Oxygen Release Compound (ORC)<sup>®</sup> and PersulfOx<sup>®</sup> in accordance with the NYSDEC-approved Groundwater Treatment Design Work Plan. Bottom and sidewall excavation samples were collected from the source area prior to backfilling with NYSDEC-approved aggregate. The petroleum hot spot remediation area is presented on Figure 3.
- Between June 3 and 28, 2022, AKRF collected 52 documentation endpoint samples from across the Site. Samples EP-92\_2\_20220603 through EP-143\_2\_20220628 were collected from either the

remedial excavation depth (2 feet below the Site grade) or the petroleum source area removal bottom or sidewalls (between 8 and 12 feet below Site grade), and each point was surveyed for location and elevation. The samples were sent to York Analytical Laboratories (York) for analysis of VOCs, semivolatile organic compounds (SVOCs), pesticides, herbicides, polychlorinated biphenyls (PCBs), metals, and per- and polyfluoroalkyl substances (PFAS). The proposed remedial excavation and documentation sample locations are presented on Figure 2.

- On June 25, 2022, two 550-gallon underground storage tanks (USTs) were uncovered in grid WC-01 in the northwest corner of the Site. The tanks were removed from the subsurface and wrapped in plastic sheeting. While investigating the former tank grave apparent petroleum contamination, including petroleum-like odors, staining, and photoionization detector readings [up to 22 parts per million (ppm)] were observed within the tank grave. The approximate location of the USTs is shown on Figure 2. The following actions were taken to address the conditions observed within grid WC-01:
  - A petroleum spill was reported to the NYSDEC Spill Hotline at 9:30am on Monday June 27, 2022, and Spill No. 2202661 was assigned.
  - On June 30, 2022, the tanks were cleaned and properly disposed of in accordance with city and state rules and regulations, and in accordance with the RAWP, by Brookside Environmental Inc. An affidavit will be produced and provided to NYSDEC as part of a tank registration and closure application.

The following activities are planned for or were already completed in July 2022:

- On July 5, 2022, AKRF oversaw and documented remediation of the petroleum contamination associated with NYSDEC Spill No. 2202661 in accordance with the RAWP. Activities included soil excavation and off-site disposal of petroleum contaminated soil, and collection of bottom and sidewall endpoint samples to verify the effectiveness of the remediation.
- The Volunteer will continue general remediation and redevelopment activities at the Site in accordance with the RAWP.

If you have any questions regarding the information presented in this letter, please contact Marc at (914) 922-2356 or [mgodick@akrf.com](mailto:mgodick@akrf.com) or Patrick at (646) 388-9784 or [jdiggins@akrf.com](mailto:jdiggins@akrf.com).

Sincerely,  
AKRF, Inc.



Marc S. Godick, LEP  
Senior Vice President



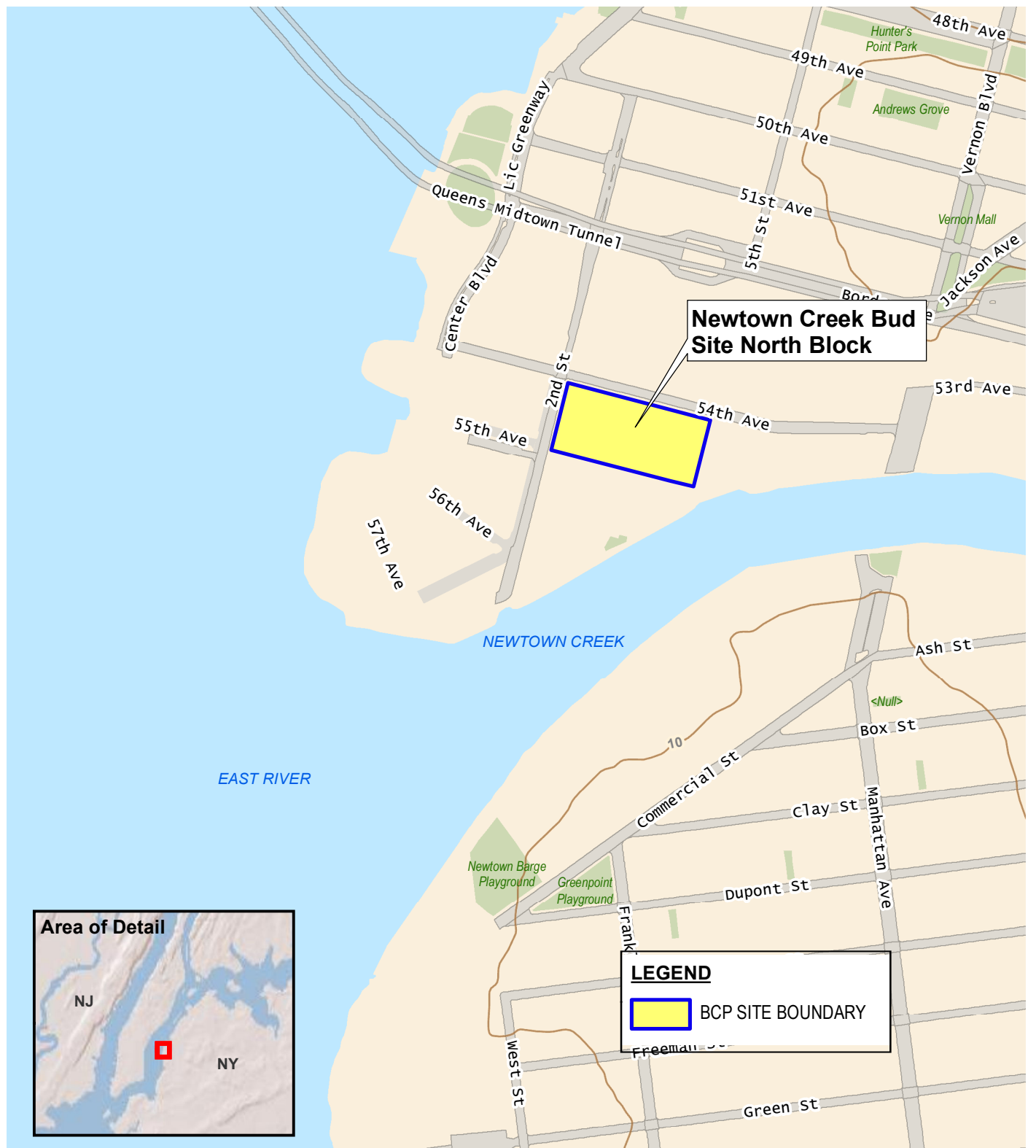
J. Patrick Diggins  
Senior Technical Director

Enc. Figure 1 – Site Location  
Figure 2 – Proposed Remedial Excavation and Documentation Sample Location Plan  
Figure 3 – Groundwater Treatment Area

cc (electronic copy only):

Shaun J. Surani – NYSDOH  
George Georgioudakis, Bruce Weill, Chris Steinmann, Nicholas Vasta – Bud North LLC  
Document Repositories – Queens Community Board District 2 and Queens Library at Long Island City

## FIGURES



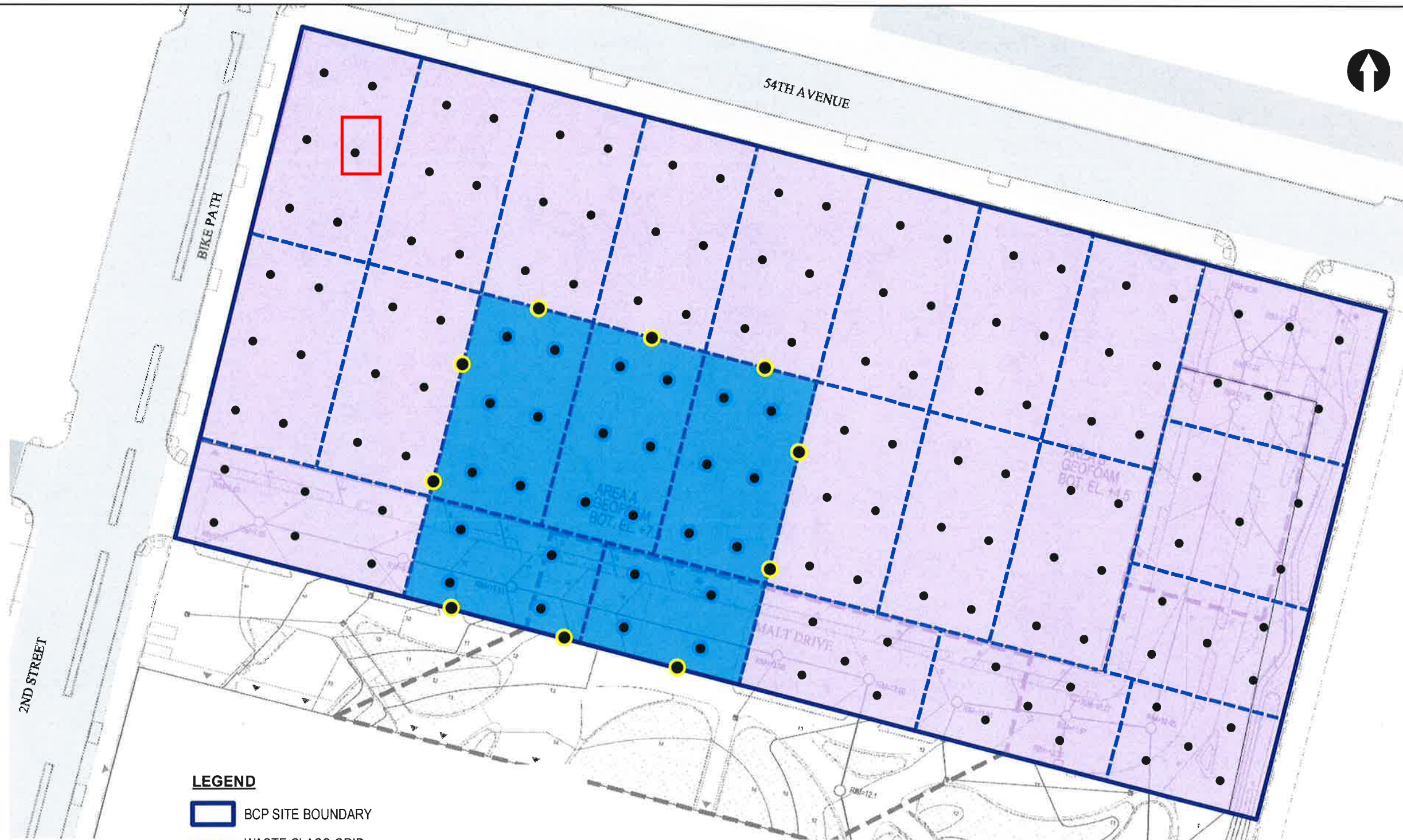
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**Newtown Creek Bud Site - North Block**  
2-10 54th Avenue - Long Island City, New York

**BCP SITE LOCATION**

DATE
<b>11/29/2021</b>
PROJECT NO.
<b>200112</b>
FIGURE
<b>1</b>





**LEGEND**

- BCP SITE BOUNDARY
- WASTE CLASS GRID
- REMEDIAL EXCAVATION TO 2 FEET BELOW GROUNDWATER (APPROX. 50 FEET BY 75 FEET, UP TO 11 FEET DEEP) FOR REMOVAL OF SOURCE MATERIAL
- REMEDIAL EXCAVATION TO APPROXIMATELY 2 FEET BELOW EXISTING GRADE
- BOTTOM DOCUMENTATION SAMPLE SOURCE AREA REMOVAL
- SIDEWALL DOCUMENTATION SAMPLE SOURCE AREA REMOVAL
- CONFIRMATORY DOCUMENTATION SAMPLE LOCATION

APPROXIMATE LOCATION OF TWO FORMER 550-GALLON USTs ASSOCIATED WITH NYSDEC SPILL NO. 2202661



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

**Newtown Creek Bud Site - North Block**  
2-10 54th Avenue - Long Island City, New York

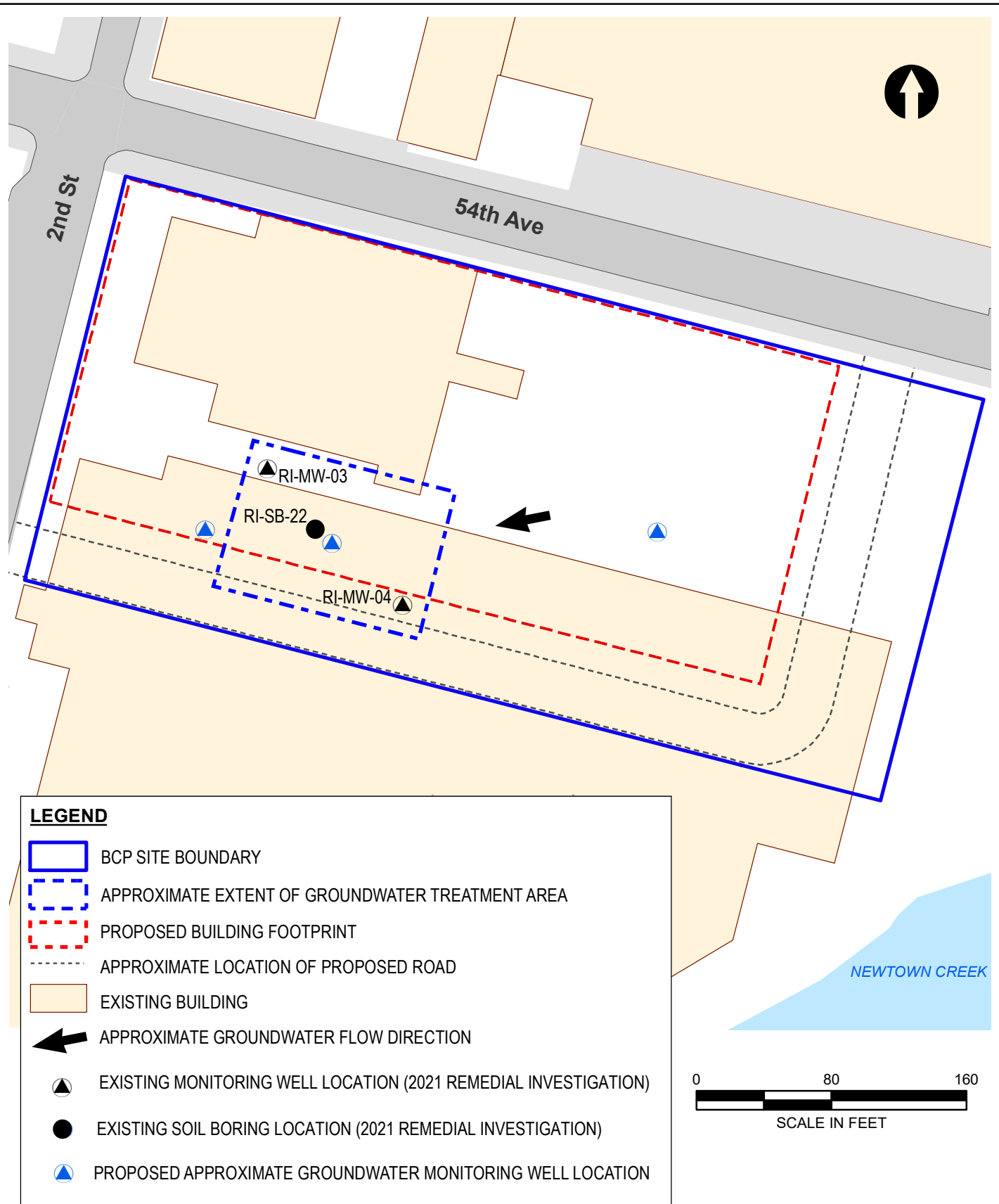
**PROPOSED REMEDIAL EXCAVATION AND DOCUMENTATION SAMPLE LOCATION PLAN**

DATE  
**8/25/2021**  
PROJECT NO.  
**200112**  
FIGURE  
**2**



440 Park Avenue South, New York, NY 10016

© 2021 AKRF W:\Projects\200112 - BUD NORTH\Technical\GIS and Graphics\shazmat\RAWP\200112 Fig 13 Remedial Treatment Areas.mxd 12/20/2021 11:23:37 AM iszalus



**LEGEND**

- BCP SITE BOUNDARY
- APPROXIMATE EXTENT OF GROUNDWATER TREATMENT AREA
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE LOCATION OF PROPOSED ROAD
- EXISTING BUILDING
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- EXISTING MONITORING WELL LOCATION (2021 REMEDIAL INVESTIGATION)
- EXISTING SOIL BORING LOCATION (2021 REMEDIAL INVESTIGATION)
- PROPOSED APPROXIMATE GROUNDWATER MONITORING WELL LOCATION

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



440 Park Avenue South, New York, NY 10016

**Newtown Creek Bud Site - North Block**  
2-21 Malt Drive - Long Island City, New York

**GROUNDWATER TREATMENT AREA**

DATE
<b>02/14/2022</b>
PROJECT NO.
<b>200112</b>
FIGURE
<b>3</b>