

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau C

625 Broadway, 12th Floor, Albany, NY 12233-7014

P: (518) 402-9662 | F: (518) 402-9679

www.dec.ny.gov

May 27, 2021

Mrs. Reeti Doshi
Lead Project Manager – Downstate New York
Site Investigation and Remediation
National Grid
One Metrotech Center, 14th Floor
Brooklyn, NY 11201

Re: Public Ballfield Surface Soil Sampling Work Plan - Approval
Greenpoint Energy Center Former MGP
Site #224052

Dear Mrs. Doshi:

The New York State Department of Environmental Conservation (the “Department”) and the New York State Department of Health (NYSDOH) have reviewed the above referenced work plan submitted for the Greenpoint Energy Center (GPEC) Former Manufactured Gas Plant (MGP) site (the “site”) located at 287 Maspeth Avenue in Brooklyn, New York, submitted by GEI Consultants, Inc. on behalf of National Grid, dated May 20, 2021. The work plan is hereby approved.

If you have any questions or any issues arise, please feel free to contact me at 518-402-2029 or email: greta.white@dec.ny.gov.

Sincerely,



Greta White, P.G.
Project Manager
Remedial Action Bureau C
Division of Environmental Remediation

EC: C. Morris, GEI
D. Eaton & J. Brown, NYSDEC
S. Surani & S. McLaughlin, NYSDOH

May 20, 2021

Ms. Greta White P.G.
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

**Public Ballfield Surface Soil Sampling Work Plan
Greenpoint Energy Center Former Manufactured Gas Plant
287 Maspeth Avenue, Brooklyn, New York
Site No. 224052**

Dear Ms. White:

National Grid is submitting this work plan for additional surface soil sampling in the public ballfield area located on the Greenpoint Former Manufactured Gas Plant (MGP) site (the Site) near the corner of Vandervoort Avenue and Division Place (**Figure 1**). The sampling is being conducted in response to New York State Department of Environmental Conservation (NYSDEC) comments received on November 24, 2020 on the Draft Remedial Investigation Report (RIR) for the Site. A discussion between representatives of National Grid and their consultant (GEI Consultants, Inc., P.C.), NYSDEC and the New York State Department of Health on January 5, 2021 provided further clarity regarding the sampling requirements.

A total of four surface soil samples were collected in the area during the RI; however, only one surface soil sample was collected from the exposed soil in the infield area on one of the three active ballfields. As part of this supplemental sampling program, two locations will be sampled from each of the three infield areas for a total of six locations (GPEC-SS334 through GPEC-SS339). The additional surface soil samples will be collected from the vicinity of the bases, which are most likely to be disturbed and be a source of potential exposure to the users. One additional sample will be collected from the center of the ballfield area (GPEC-SS340). A total of three other locations (GPEC-SS341 through GPEC-SS343) will be sampled to delineate exceedances of the NYSDEC Part 375.6.8b Restricted Residential Use Soil Cleanup Objectives identified at locations GPEC-SS329 and GPEC-SS331 during the RI. The proposed sample locations along with the locations from the RI are shown on **Figure 1**.

The sampling will be conducted to a depth of two feet with samples collected from three intervals including zero to two inches, zero to six inches [volatile organic compounds (VOCs) analysis only] and two to 24-inches at each location. The samples will be collected for the following analysis:

- VOCs by USEPA method 8260D (excluding the zero to two-inch interval)
- Semi-volatile organic compounds (SVOCs) by USEPA method 8270C
- Target Analyte List (TAL) metals by USEPA method 6000/ 7000 series
- Polychlorinated biphenyls (PCBs) by USEPA method 8082
- Free cyanide by USEPA method 9016
- Hexavalent chromium by USEPA method 3060A/7196
- Herbicides by USEPA Method 8151A

**Public Ballfield Surface Soil Sampling Work Plan
Greenpoint Energy Center Former Manufactured Gas Plant
287 Maspeth Avenue, Brooklyn, New York
Site No. 224052**

- Pesticides by USEPA Method 8081A.

The samples will be collected using stainless steel spoon for the shallow intervals and a hand auger for the deeper interval. An approximate area of one square foot will be sampled at each location. The surface soil will be screened for VOCs using a photoionization detector (PID). Excluding the samples collected for VOCs, the soil will be homogenized in a stainless-steel bowl prior to being placed in laboratory-provided sample containers. The sampling spoon, hand auger and bowl will be decontaminated between samples.

Quality assurance/quality control (QA/QC) samples will include a blind duplicate soil sample, a MS/MSD sample, and an equipment rinsate blank sample. A NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory will perform the analyses under chain of custody (COC) procedures. A New York State Category B data deliverable will be provided to NYSDEC along with the letter report as an addendum to the current RIR.

Schedule

The field program will be scheduled within three weeks following approval of the work plan. We will provide notification of the start of the field program a minimum of one week prior to mobilization.

If you have any questions, feel free to contact me at (718) 963-5607 or by email at reeti.doshi@nationalgrid.com.

Sincerely,



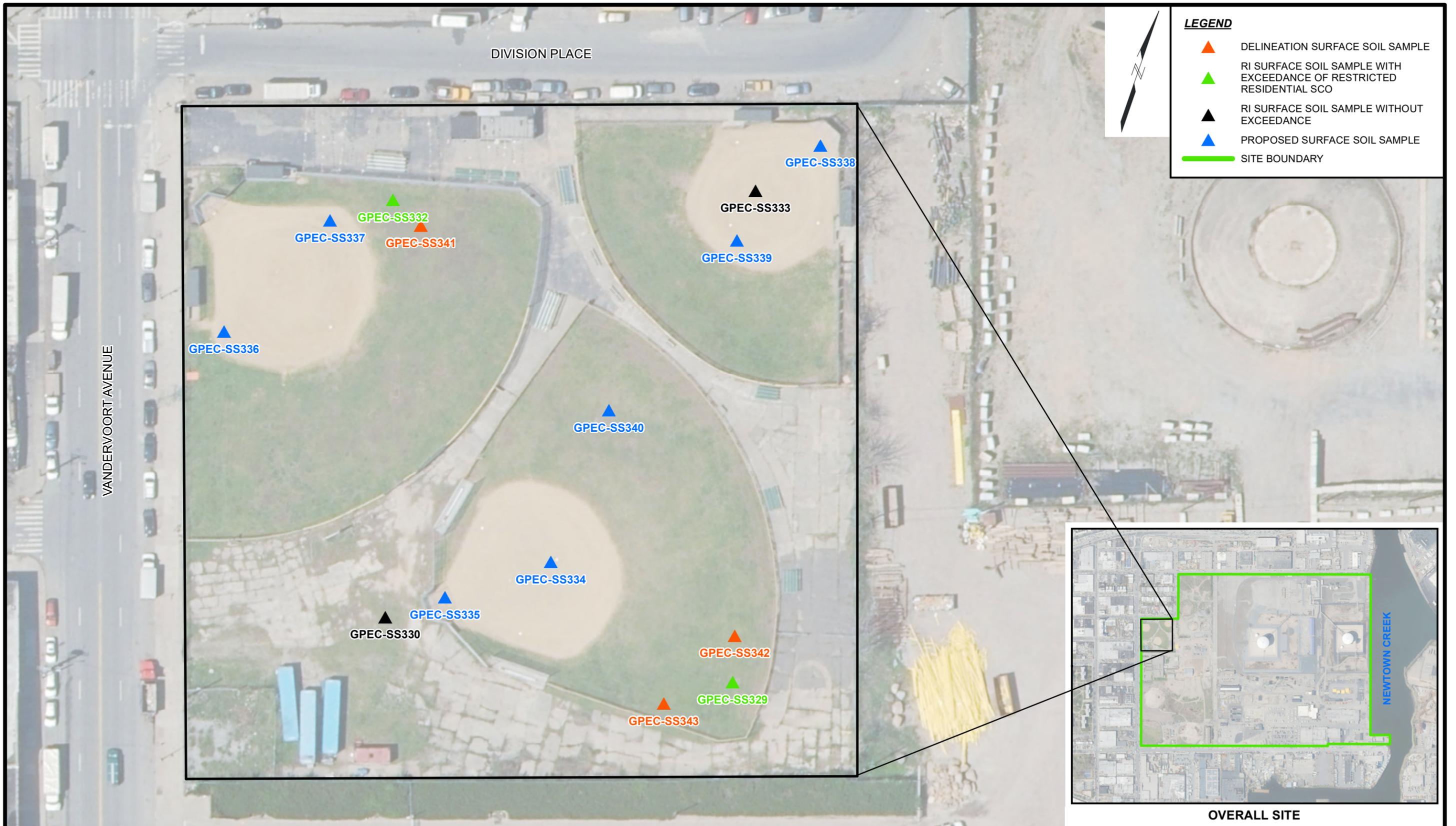
Christopher Morris, P.G.
On behalf of
Reeti Doshi
Project Manager

Attachment

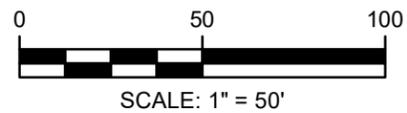
cc: D. Terry (GEI)

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FIGURE



SOURCE:
4/2018 AERIAL PHOTOGRAPH OBTAINED FROM ESRI
WORLD IMAGERY NYS ITS ORTHOPHOTO.



Public Ballfield Surface Soil Sampling Work Plan
Greenpoint Energy Center
Brooklyn, New York



SURFACE SOIL SAMPLE
LOCATIONS

Project 125180

May 2021

Fig. 1