

July 19, 2022

Mr. Scott R. Deyette
Chief, Inspection Unit, Remedial Bureau C
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

**Intrusive Activity Summary Report
East Garden City Former Stewart Avenue Holder Station
East Garden City, New York
Site No. 130120
Order on Consent Index No. A2-0552-0606**

Dear Mr. Deyette:

This letter is a summary of all work completed during intrusive activities conducted as part of the New York Power Authority (NYPA) Substation camera trenching (Loop #3) and associated perimeter fencing ground wire installation at the East Garden City Former Stewart Avenue Holder Station Site (the Site). On August 11 through September 23, 2021, Public Service Enterprise Group - Long Island (PSEG-LI), which operates the NYPA Substation, retained Miller Environmental Group to perform ground-intrusive activities on the NYPA substation portion of the Site. A Notice of Intrusive Activities (NOIA) for this project was submitted to the New York State Department of Environmental Conservation (NYSDEC) on August 11, 2021.

The intrusive work was completed by PSEG-LI subcontractor Miller Environmental Group, Inc., using an air knife and vacuum truck along the perimeter of the NYPA Substation located on the northwest portion of the Site. The trench was excavated to approximately two feet in width and approximately 18-inches in depth. No Site cover systems are located in the work area, but the area is within the Institutional Control boundaries for the Site. National Grid Site Investigation and Remediation's (SIR) consultant, GEI Consultants Inc. P.C. (GEI) was on-site to provide Site Management Plan (SMP) oversight and perform Community Air Monitoring. **Figure 1** depicts the work area at the Site.

Excavated soil from the trenches was field-screened using a photo-ionization detector and inspected for visual and olfactory impacts. No impacted soil was observed. The majority of excavated soil was utilized for backfill; however, approximately 10 yards of soil from the trenches was stockpiled for subsequent removal in June 2022 (see attached manifests). The attached manifests are associated with three completed projects at the Site including: camera trench loops #1 and #2, camera trench loop #3, and switchgear foundation work. Summary reports for the camera trench loops #1 and #2 and the switchgear foundation work will be submitted separately. A three-to-four-inch layer of stone was placed on top of the backfill layer to fill the trench to grade. An import letter was submitted to NYSDEC on March 31, 2022 and approved on April 1, 2022.

Real time air monitoring for total volatile organic compounds (TVOCs) and respirable particulate matter (PM10) was performed during intrusive work at upwind and downwind tripod-mounted stations. Each station consisted of a weather-tight enclosure, a PID (RAE systems MiniRAE 3000), and a dust monitor (TSI DustTrak II 8530). No exceedances of the time-weighted

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average (TWA) for TVOCs or dust measurements during the excavation work were observed. Air monitoring data can be provided upon request.

If you have any questions, feel free to contact me at (516) 220-4363 or by email at michael.quinlan@nationalgrid.com.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chris Morris".

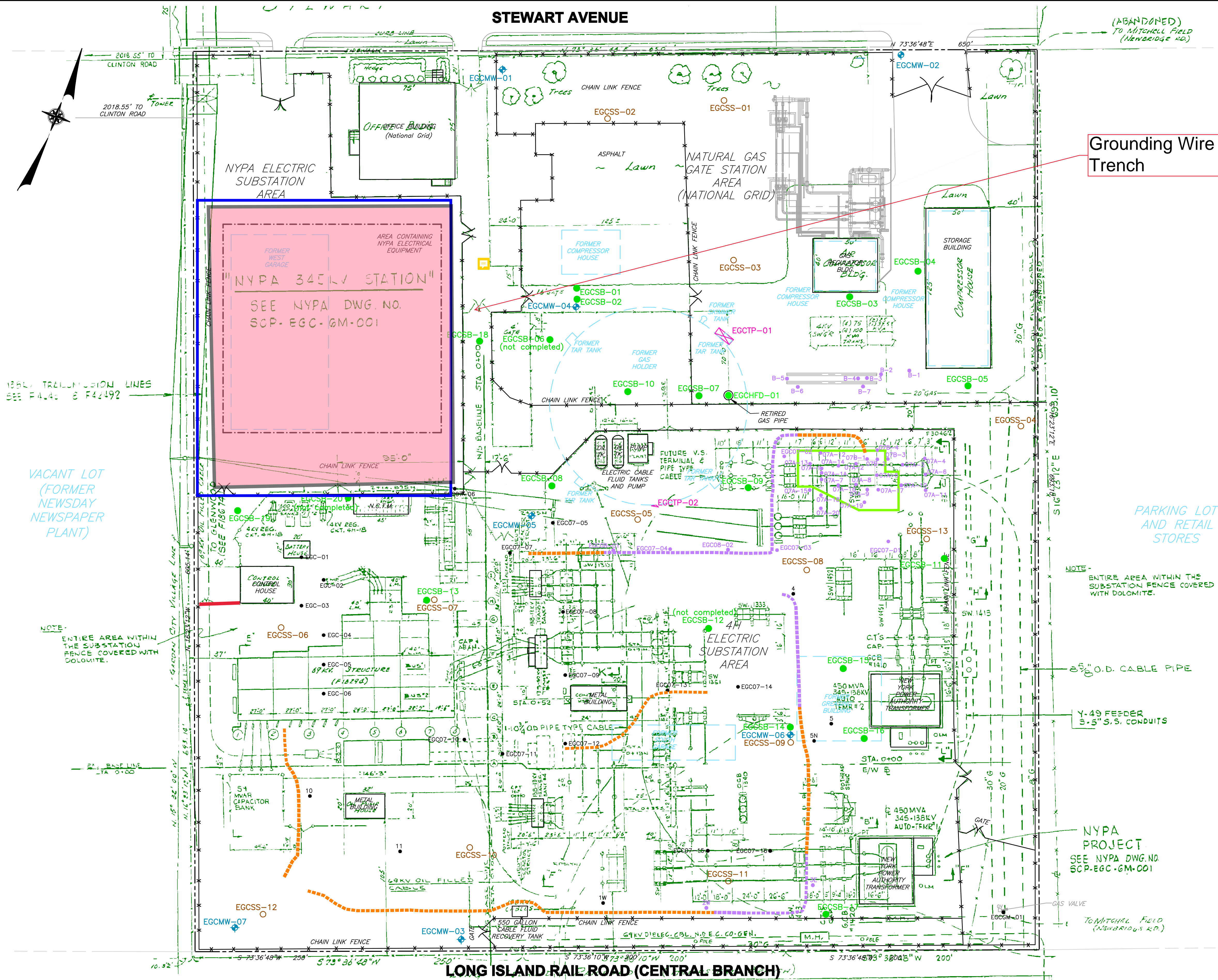
Christopher Morris, P.G.
On behalf of Michael Quinlan

Attachments

c: J. Mitchell (National Grid)
T. Johansen (GEI)

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Figure



Grounding Wire
Trench

PARKING LOT
AND RETAIL
STORES

- LEGEND:
- EGCSB-01 COMPLETED SURFACE SOIL SAMPLE LOCATION
 - EGCSB-01 COMPLETED SUBSURFACE BORING LOCATION
 - EGCHFD-01 COMPLETED FOUNDATION DISTRIBUTION PIPE SAMPLE LOCATION
 - ◆ EGCMMW-01 COMPLETED GROUNDWATER MONITORING WELL LOCATION
 - ▭ COMPLETED TEST PIT LOCATION
 - COMPLETED CABLE TRENCH LOCATION
 - MGP-RELATED FILL OBSERVED AT PREVIOUS TRENCH LOCATION
 - COMPLETED SUBSURFACE SOIL SAMPLE LOCATION
 - MGP-RELATED FILL OBSERVED AT PREVIOUS SOIL SAMPLE LOCATION
 - COMPLETED END POINT SOIL SAMPLE LOCATION
 - COMPLETED SIDE WALL SOIL SAMPLE LOCATION
 - SITE FENCING
 - LOCATION OF FORMER GAS HOLDER SITE STRUCTURE
 - AREA REMEDIATED TO 4' bgs

NO. DATE REVISION DWT.				UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.				PROJECT ENGINEER: T.J. DESIGNED BY: S.T.		DRAWN BY: D.C. CHECKED BY: T.J.		NATIONAL GRID HASSAU COUNTY EAST GARDEN CITY FORMER STEWART AVENUE HOLDER STATION SITE MANAGEMENT PLAN		NEW YORK		PROJECT NO. 3000		DATE July 2022		SCALE 1" = 40'		DRAWING NO. 1	
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SITE FIGURE