

**February 5, 2025**

Sydney Sobol  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway, 12th Floor.  
Albany, NY 12233-7013

**RE: Progress Report #59 (January 20 through February 2, 2025)**  
**Interim Corrective Measure, Astoria East Yard, Astoria, New York**  
**(NYSDEC Permit No. 2-6301-00006/00002-0)**  
**NYSDEC Site Number: 241012, EPA ID #: NYD980593636**

Dear Ms. Sobol:

This progress report has been prepared on behalf of Consolidated Edison of New York, Inc. (Con Edison) to describe the Interim Corrective Measure (ICM) activities being conducted at the Astoria East Transformer Yard (the Site) located in Con Edison's Astoria Facility in Queens, New York, under the NYSDEC-approved 2014 ICM Plan and USEPA-approved 2022 Final PCB Self-Implementing Cleanup Plan (SICP).

#### **ICM Activities Completed During the Reporting Period**

Activities for Phase 3 were continued during the reporting period, with activities in Phase 2 being finalized. Activities below are associated with Phase 3 unless noted otherwise.

##### PCB Excavation Areas

- Continued excavation of soil from PCB Excavation Areas 10 and 11.
- Excavated asphalt, concrete, and soil from behind the soldier piles along the southwestern boundary of PCB Excavation Areas 10 and 11, located outside of the PCB Excavation Area boundaries, with 6 truckloads of PCB Remediation Waste for off-site disposal. This excavation, to depths of one to four feet below grade, was required based on the revised shoring design. The material was disposed of as PCB Remediation Waste based on the results of the in situ discrete sample PCB concentrations and composite sample results for RCRA and facility required disposal criteria.
- Commenced installation of timber lagging between soldier piles along the southwestern boundary of PCB Excavation Areas 10 and 11. Tectonic Engineering (Tectonic), a third-party inspector, conducted an inspection of the shoring.
- Continued placement and compaction of backfill in PCB Excavation Areas 7, 9, 12, 15, 16, and 17. Tectonic conducted compaction testing of subgrade and subbase with visual inspection of the subgrade.
- Continued installation of formwork and rebar for concrete slabs within PCB Excavation Areas 7, 12, 15, and 17.

##### Non-PCB Excavation Areas

- Continued placement and compaction of backfill within CS11 and CS9. Tectonic conducted compaction testing of the subgrade and subbase with visual inspection of the subgrade.
- Continued installation of formwork and rebar for slabs within CS11. Tectonic conducted rebar inspections.
- Performed sawcutting of the northwestern portion of the concrete in the Crane Shed area in preparation for repair of the footings and installation of the temporary support system for the first column. Tectonic conducted inspections for structural stability, bolting, and welding for the temporary support system. The structure was lifted to allow for demolition of the existing footer and excavation of the concrete and soil around the footer. Installation of rebar and formwork for the new footer was initiated.

### Excavation and Disposal Quantities

Waste Stream	Excavated (tons)		Source(s)	Manifest(s) / BOL(s)
	Biweekly	Total		
TSCA Hazardous Waste (PCBs ≥50ppm)	-	28832.18	-	-
	--	2 drums	--	--
TSCA and RCRA Lead Hazardous Waste	--	625.18	--	--
PCB Remediation Waste (PCBs <50ppm)	131.35	19031.95	Asphalt/concrete/ soil (road outside of Area 10/11 soldier piles)	3704287 - 3704292
General Construction Waste	--	680 CY	--	--
Metal Debris for Recycling	--	30 CY	--	--

### Post-Excavation Sampling and Preliminary Data Received

Excavation Area	Sample Date	Sample ID	Sample Type	Analyses	Approximate Sample Depth (ft bgs)	Total PCBs (mg/kg)
No post excavation sampling or data receipt occurred during the reporting period.						

### Backfill Material

Area	Backfill Material	Backfill Source	Quantity (CY) <sup>1</sup>
PCB Excavation Areas 12, 15, and 17	Natural Item-4	Tillcon, West Nyack Quarry	57 CY
Crane Area in CS9	3/4" #57 Stone	Farm River Rock Quarry	18 CY

1. Quantity of Natural Item-4 is provided in tons on bills of lading beginning in September 2024. Cubic yards calculated using density of 102 lb/CF.

### Upcoming ICM Activities (February 3 through February 17, 2025)

- Continue excavation of PCB Excavation Areas 7, 10, 11, and 15 and load-out of TSCA Hazardous Waste.
- Continue collection of post-excavation confirmatory samples within PCB Excavation Areas 7, 10, 11, and 15.
- Placement and compaction of backfill within PCB Excavation Areas 7, 10, 11, 12, 15, 16, and 17.
- Continue formwork and rebar installation for concrete slabs in CS11 and PCB Excavation Area 7.
- Continue concrete pours for slabs within CS11 and PCB Excavation Area 7.
- Continue footing repair for the Crane Shed.

If you have any questions or need additional information, please call me at (443)798-8321.

Sincerely,



Jessica Bennett, PE, CIH  
Project Manager

cc: Maurice Hanashy, Con Edison ([hanashym@coned.com](mailto:hanashym@coned.com))