

FORMER ENGLISH STATION PROJECT- MONTHLY PROGRESS REPORT

January 2023

Partial Consent Order: COWSPCB 15-001

UI Project Manager: W. Burgess

LEP: Marya B Mahoney - TRC

Respondent: United Illuminating Co. (UI)

Reporting Period: January 2023

Site Information: Former English Station
510/510A Grand Avenue
New Haven, CT

1. Main Activities During Reporting Period:

- a. Continued remediation/abatement activities associated with UI's English Station Boiler 13 Interim Remedial Measure (IRM), including:
 - i. Work performed in January included:
 - B. Offsite disposal of approximately 80 tons of PCB remediation waste, including solids from water treatment system vessels and other decontamination wastes.
 - C. Offsite disposal of approximately 4,300 gallons of PCB containing untreated water and oil from the water treatment system decontamination and other equipment decontamination liquids.
 - D. Decontamination of equipment, water treatment system components and poly-containments.
 - E. Completed contractor demobilization from the site, except for one PCB waste roll-off container.
 - F. Performance sampling of bituminous concrete corridor beneath the water treatment system area.
 - ii. Revised Plans and Specifications for Phase 1 Soil Remediation.
 - iii. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report.
 - iv. English Station Boiler 1-12 Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
 - v. English Station Western Side Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
- b. Continuing to develop the following Project related documents for submittal to CTDEEP:
 - i. Revised Plans and Specifications for Phase 1 Soil Remediation.
 - ii. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report.
 - iii. English Station Boiler 1-12 Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
 - iv. English Station Western Side Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
- c. Coordinate supplemental sampling activities requested by CT DEEP and associated with the processed rock borrow source justification and revised backfill acceptance criteria for the Remedial Action Plans (RAPs). Presented initial sampling results to CT DEEP.
- d. Parcel A and B Phase I soil remediation is currently on hold pending approval of project documents.
- e. Continue to refine overall Project schedule, cost estimate(s), and evaluate potential remedial alternatives for the Main Power Plant.
- f. Perform inspections of:

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- i. Erosion and sediment controls (re)approved under CT DEEP permit number GSN003422 on a monthly frequency.
- ii. Eight Significant Environmental Hazard (*SEH*) areas on a bi-weekly frequency.

2. Future Activities:

- a. Submit to CTDEEP:
 - i. Revised Plans and Specifications for Phase 1 Soil Remediation.
 - ii. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report.
 - iii. Revised English Station Boiler 1-12 Environmental Media Investigation Summary Report.
 - iv. Revised English Station Western Side Environmental Media Investigation Summary Report.
- b. Work with State of Connecticut on obtaining property owner's signature/acceptance for current approved Non-PCB Soil RAP (Parcel B), the Parcel B PCB RAP pending approval and the English Station Parcel A PCB Remedial Action Plan Modification #1.
- c. Perform Parcel A Phase I soil remediation ancillary activities covered in the Phase I RAPs, and other applicable approvals:
 - i. Continue refinement and completion of support plans for remedial efforts.
 - ii. Sample debris piles on Parcel A.
 - iii. Perform additional Geoprobe verification soil sampling for sheeted soil excavation areas.
- d. English Station Boiler 13 IRM activities:
 - i. Complete offsite waste disposal activities.
 - ii. Complete concrete core sampling activities and prepare concrete investigation report.
 - iii. Prepare Remedial Action Report.
- e. Work with CT DEEP on any follow-up comments for the following documents:
 - i. Scope of Study for English Station Eastern Interior Boilers 1 through 12 and High-Pressure Boilers 13 & 14 (*hazardous building materials*).
 - ii. Phase I Plans and Specifications.
 - iii. Processed rock borrow source acceptance criteria.
 - iv. First Floor and Interstitial Fill Investigation Report.
- f. Work with CT DEEP on Project schedule and scope.
- g. Continue to evaluate potential alternatives for the Main Power Plant.

3. Site Security:

- a. Continue to maintain the security measures put in place by, and acquired from, the current property owners and as upgraded by UI.