

# FORMER ENGLISH STATION PROJECT- MONTHLY PROGRESS REPORT

September 2022

**Partial Consent Order:** COWSPCB 15-001  
**UI Project Manager:** W. Burgess  
**LEP:** Marya B Mahoney - TRC

**Respondent:** United Illuminating Co. (UI)  
**Reporting Period:** September 2022

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

## 1. Main Activities During Reporting Period:

- a. Developing the following Project related documents for submittal to CTDEEP:
  - i. Revised Plans and Specifications for Phase 1 Soil Remediation.
  - ii. Processed rock borrow source justification and revised backfill acceptance criteria for the Remedial Action Plans.
  - 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. Parcel A and B Phase I soil remediation is currently on hold pending approval of the use of processed rock from a virgin quarry source as fill/backfill, Parcel B RAP, and Plans and Specifications.
- c. Annual site vegetation clearing to maintain security is complete.
- d. Continued demolition/remediation/abatement activities associated with UI's English Station Boiler 13 IRM, including:
  - i. Pumping, treatment, sampling and disposal of treated water.
  - ii. Completion of interim remedial activities inside the Cooling Water Intake Sealed Pump Chamber, including removal of debris, bottom solids, cooling water pipes and pump motors. Concrete cores collected.
  - iii. Completion of cooling water pipe removal, debris removal and bottom solids removal between the Condenser pit and the Cooling Water Intake Sealed Pump Chamber. Concrete cores collected.
  - iv. Removed asbestos containing concrete filled steel grate covers, bottom solids and debris and majority of the cooling water pipes between the Condenser pit and Boiler #13. Twelve concrete cores collected.
  - v. In the Condenser Pit area, removed bottom solids, debris, pumps and turbine lube oil tank and transferred to intermodal shipping containers. Concrete cores collected.
  - vi. Saw cut the concrete slab above the area in Boiler #13 where interstitial fill is being removed. Removed the slab, the entire concrete transformer pad and portions of two electrical vaults and transferred into intermodal containers. Removed approximately 1/3 of the interstitial fill and loading into intermodal containers.

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- vii. Transported approximately 660 tons of debris, concrete, soil and bottom solids as Bulk PCB Remediation Waste in sealed intermodal containers for disposal at the Clean Harbors Grassy Mountain facility in Utah. Additional partially filled intermodal containers are staged on-site.
- e. Continue to refine overall Project schedule and cost estimate(s).
- f. Perform required inspections of:
  - 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. Upcoming Activities:

- a. Submit to CTDEEP:
  - i. Revised Plans and Specifications for Phase 1 Soil Remediation.
  - ii. Processed rock borrow source justification and revised soil acceptance criteria for the Remedial Action Plans.
  - iii. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report.
  - iv. Revised English Station Boiler 1-12 Environmental Media Investigation Summary Report.
  - v. 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. 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 interim remediation, abatement, waste disposal, and associated activities associated with the remaining east cooling water pipe trench and the interstitial fill area.
  - ii. Complete concrete core sampling activities.
  - iii. Decontaminate equipment and demobilize from the site.
- 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 refine Project estimates for Main Power Plant .

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**3. Site Security Upcoming Activities**

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