

# FORMER ENGLISH STATION PROJECT MONTHLY PROGRESS REPORT

July 2023

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

**Respondent:** United Illuminating Co. (UI)  
**Reporting Period:** July 2023

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

## 1. Main Activities During Reporting Period:

- a. Continuing to develop the following Project related documents for submittal to CTDEEP:
  - i. Investigation Report –English Station- Boiler #13 – Concrete Foundation and Other Concrete Sampling (Partial)
  - ii. English Station – Boiler #13 Interim Remedial Measures (IRM) PCB Remedial Action Report
- b. Continued to evaluate data associated with the processed rock borrow source justification and revised backfill acceptance criteria for the Remedial Action Plans. UI furnished CTDEEP laboratory data for processed rock aggregate samples from four rock quarries and one soil sample from a borrow pit in March 2023. CT DEEP provided verbal comments regarding the submittal and follow up discussion between CT DEEP and UI was held on July 6, 2023.
- c. English Station Boiler 13 IRM: UI submitted a plan to CTDEEP to address further sampling and remediation of PCBs found in a portion of the bituminous concrete clean-corridor pavement beneath the former water treatment system area. Written comments on the plan were provided by CTDEEP and responded to by UI. The Boiler 13 IRM Contractor performed sampling of the pavement and beneath the pavement on June 13 and June 14, 2023 in accordance with revised plan that addressed CTDEEP comments. Sample results were provided to UI on July 10, 2023. The limits of pavement removal and disposal have been established based on the sample test results. At one of the six sample locations collected from just beneath the pavement, PCBs were found at a concentration of 2mg/kg at a sample depth of 1.5 to 2 inches. UI is coordinating with the remedial contractor (Clean Harbors) to remove the impacted material, perform verification sampling, and restore the asphalt.
- d. 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.
- e. Performed site visit with contractor to evaluate options for addressing graffiti on exterior fence along Grand Avenue.

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## 2. Future Activities:

- a. Submit to CTDEEP:
  - i. Investigation Report –English Station- Boiler #13 – Concrete Foundation and Other Concrete Sampling (Partial)
  - ii. English Station – Boiler #13 Interim Remedial Measures PCB Remedial Action Report
  - iii. Revised Plans and Specifications for Phase 1 Soil Remediation.
  - iv. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report
  - v. Revised English Station Boiler 1-12 Environmental Media Investigation Summary Report
  - vi. Revised English Station Western Side Environmental Media Investigation Summary Report
  - vii. Revised English Station First Floor and Interstitial Fill Investigation Summary Report. Revisions based on Supplemental Investigations completed in December 2021 thru February 2022 and the Boiler 13 IRM Concrete Investigations completed in February 2023
- 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. Following approval of RAPs, perform Parcel A Phase I soil remediation ancillary activities identified 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. Implement the plan to address removal, disposal and restoration of a portion of the bituminous concrete pavement beneath the former water treatment system area. Includes removal and disposal of the portion of PCB-impacted soil beneath the pavement to a concentration  $\leq 1$  mg/kg and collect and analyze verification samples.
- 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 document is in preparation with UI for submission to CT DEEP.

## 3. Site Security:

- a. Continue to maintain the security measures put in place by, and acquired from, the current property owners and as upgraded and enhanced by UI.
- b. Performed site visit with contractor to evaluate potential additional options for fencing.