

FORMER ENGLISH STATION PROJECT MONTHLY PROGRESS REPORT

June 2023

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

Respondent: United Illuminating Co. (UI)
Reporting Period: June 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
 - iii. Supplemental Building Investigation Plan and Schedule per CT DEEP’s clarification, provided during a meeting on June 21, 2023, regarding supplemental investigations required (1) with a remedial scenario that preserves the building and (2) with a building demolition scenario.
- 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 is scheduled for July 6, 2023.
- c. English Station Boiler 13 IRM: UI previously 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 underlying surface on June 13 and June 14, 2023 in accordance with the revised plan. Sample results are pending with the analytical laboratory.
- d. Performed 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. 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

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- 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
- viii. Supplemental Building Investigation Plan and Schedule
- 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. Review sample results and implement the plan to address further sampling (if required), removal, and restoration of a portion of the bituminous concrete pavement beneath the former water treatment system area.
- 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 discussion between CTDEEP and UI is scheduled for July 6, 2023.

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. Security lighting at each gate entrance on Grand Avenue was added, as well as on the north and south sides of the English Station building. Two supplemental security cameras were also installed.