

FORMER ENGLISH STATION PROJECT MONTHLY PROGRESS REPORT

April 2023

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

Respondent: United Illuminating Co. (UI)
Reporting Period: April 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 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. English Station Boiler 1-12 Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
 - vi. English Station Western Side Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
- 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. UI is awaiting CTDEEP's review comments.
- c. Demolition/remediation/abatement activities associated with UI's English Station Boiler 13 IRM are completed. Refer to Items 1a.i., 1a.ii. and 2.d for additional ongoing post-remediation activities.
- d. Continue to refine overall Project schedule, cost estimate(s), and evaluate potential remedial alternatives for the Main Power Plant.
- e. 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. 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

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- 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.
- 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. Submit a plan to address further sampling, removal, and restoration of a portion of the bituminous concrete pavement beneath the former water treatment system area.
 - ii. Prepare Investigation Report –English Station- Boiler #13 – Concrete Foundation and Other Concrete Sampling (Partial).
 - iii. Prepare English Station – Boiler #13 Interim Remedial Measures PCB Remedial Action Report following receipt of final waste disposal documentation.
- 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.
- b. Work with CT DEEP on project schedule and scope.
- c. Continue to evaluate potential alternatives for Main Power Plant.

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. The security system contractor performed security system maintenance during the month of April and evaluated the system for potential upgrades to enhance performance. A portion of the chain link fence fabric along Grand Avenue just east of the western gate was repaired. In addition, the overhanging fence wing on the east side bulkhead was repaired and reinforced to deter entry along the edge of the bulkhead.