

FORMER ENGLISH STATION PROJECT- MONTHLY PROGRESS REPORT

December 2022

Partial Consent Order: COWSPCB 15-001

UI Project Manager: W. Burgess

LEP: Marya B Mahoney - TRC

Respondent: United Illuminating Co. (UI)

Reporting Period: December 2022

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 December included:
 - B. Removed approximately 80 feet of the two cooling water pipes beneath the Boiler #13 ash hopper. Processed metal pipe debris and placed into intermodal containers for offsite disposal.
 - C. Removed bottom solids from the cooling water pipe trench and placed into an intermodal container for offsite disposal.
 - D. Offsite disposal of approximately 172 tons of PCB remediation waste.
 - E. Offsite disposal of approximately 90,000 gallons of treated water from dewatering operations.
 - F. Collected 22 concrete core samples in the east end of the cooling water pipe trench.
 - G. Decontamination of some of the equipment no longer required.
 - 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).
 - 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 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.

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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.
 - iii. Complete equipment decontamination and demobilize from the site.
 - iv. 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.