

FORMER ENGLISH STATION PROJECT- MONTHLY PROGRESS REPORT

October 2022

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

Respondent: United Illuminating Co. (UI)
Reporting Period: October 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. 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.
- b. Submitted the processed rock borrow source justification and revised backfill acceptance criteria for the Remedial Action Plans to CTDEEP.
- c. Parcel A and B Phase I soil remediation is currently on hold pending approval of project documents.
- d. Continued remediation/abatement/investigation activities associated with UI's English Station Boiler 13 IRM.
 - i. Work performed in October includes:
 - B. Completed removal of the two electrical vaults in the interstitial fill area.
 - C. Removal of approximately 75% of the interstitial fill soil.
 - D. Completed dismantling and removal of the turbine oil lube tank from the south condenser pit.
 - E. Processing of metal debris to transfer into intermodal containers for offsite disposal.
 - F. Transportation of approximately 254 tons of PCB remediation waste for offsite disposal.
 - G. Collected approximately 28 concrete core samples in the interstitial fill area, 22 from the cooling water pipe trench, and 14 from the south condenser pit.
 - H. Decontamination of some equipment no longer needed for the project.
- 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.

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2. Upcoming 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. 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 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 .

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.