

FORMER ENGLISH STATION PROJECT- MONTHLY PROGRESS REPORT

August 2022

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

Respondent: United Illuminating Co. (UI)
Reporting Period: August 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. Processed rock borrow source justification and revised backfill acceptance criteria for the Remedial Action Plans.
 - iii. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report.
 - iv. English Station Boiler 1-12 Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
 - v. English Station Western Side Environmental Media Investigation Summary Report – Revision based on Supplemental Investigations completed in December 2021.
- b. Annual site vegetation clearing to maintain security is partially completed.
- c. Continued demolition/remediation/abatement activities associated with UI’s English Station Boiler 13 IRM, including:
 - i. Pumping, treatment, sampling, and offsite disposal of water from the Cooling Water Intake Sealed Pump Chamber, the Condenser Pit and Cooling Water Pipe Trenches.
 - ii. Completion of remedial activities inside the Cooling Water Intake Sealed Pump Chamber, including removal of debris, bottom solids, cooling water pipes and pump motors. The two pump discharge pipes are sealed.
 - iii. Completion of cooling water pipe removal, debris removal and bottom solids removal between the Condenser pit and the Cooling Water Intake Sealed Pump Chamber.
 - iv. Removal of asbestos containing bottom solids and debris and a portion of the cooling water pipes between the Condenser pit and Boiler #13.
 - v. Saw cutting of the concrete slab above the area in Boiler #13 where interstitial fill is being removed. Removal of the slab and loading into intermodal containers. Removal of a portion of the interstitial fill and loading into intermodal containers. Removal of a portion of the concrete transformer pad and containment within the Boiler #13 area.
 - vi. Shipping of debris, concrete, soil and bottom solids in sealed intermodal containers for disposal at the Clean Harbors Grassy Mountain facility in Utah. Additional partially filled intermodal containers are staged on site.
- d. Continue to refine overall Project schedule and cost estimate(s).
- e. Perform required inspections of:

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- 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. Upcoming Activities:

- a. Submit to CTDEEP:
 - i. Revised Plans and Specifications for Phase 1 Soil Remediation.
 - ii. Processed rock borrow source justification and revised soil acceptance criteria for the Remedial Action Plans.
 - iii. English Station Boiler 13/14 (High Pressure) Environmental Media Investigation Summary Report.
 - iv. Revised English Station Boiler 1-12 Environmental Media Investigation Summary Report.
 - v. 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. Continue with remediation, abatement, waste disposal, and associated activities.
 - ii. Perform additional waste characterization sampling as needed.
 - iii. Commence with concrete core sampling activities.
- 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 Upcoming Activities

- a. Continue to maintain the security measures put in place by, and acquired from, the current property owners. Security system upgrades at the front of the property have been completed and tested. Fence repairs along Grand Avenue have also been performed to repair damage.