

FORMER ENGLISH STATION PROJECT- MONTHLY PROGRESS REPORT

July 2022

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

Respondent: United Illuminating Co. (UI)
Reporting Period: July 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. Parcel A and B Phase I soil remediation ancillary activities covered in the Phase I RAPs, and other applicable approvals:
 - i. Continued development and review of support plans for remedial efforts, such as HASP, Demolition and Waste Management Plan, Excavated Materials Management Plan, Support of Excavations Plan, Dust Control and Air Monitoring Plan, Parcel A Debris Sampling Plan, Water Treatment System Design & Operation Plan, Decontamination Plan, Parcel A & B Confirmatory Sampling Drilling Plan and Construction Work Plan.
 - ii. Preparation of auxiliary structure demolition permit applications.
 - iii. Meeting with CTDEEP concerning the use of processed rock from a virgin quarry source as fill and backfill for the upcoming soil remediation project.
- c. Continued demolition/remediation/abatement activities associated with UI's English Station Boiler 13 IRM, including:
 - i. Pumping, treatment and sampling of approximately 100,000 gallons of water from the Cooling Water Intake Sealed Pump Chamber, the Condenser Pit and Cooling Water Pipe Trenches. Disposal of approximately 30,000 gallons of treated water at the Clean Waters facility in Staten Island, NY.
 - ii. Demolition of the two former coal pulverizer concrete pedestals located in the eastern portion of Boiler 13.
 - iii. Continued asbestos abatement associated with removal of Cooling Water discharge Pipe Trench covers in a portion of the Boiler #13 area.
 - iv. Removal of debris and bottom solids from the floor of the Cooling Water Intake Sealed Pump Chamber and storage in lined containers.

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- v. Removal of debris and bottom solids from the floor of the Condenser Pit and storage in lined containers.
- vi. Begin dismantling the Cooling Water Intake Pumps.
- d. Continue to refine overall Project schedule and cost estimate(s).
- 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.
- f. Project update meeting with site Developer.

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.
- 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 .

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3. Site Security Upcoming Activities

- a. Continue to maintain the security measures put in place by, and acquired from, the current property owners. Some camera and transponder damage occurred when the temporary service pole at the west gate fell to the ground. Plans for replacement of the service pole and upgrades for the security system are underway.