

FORMER ENGLISH STATION PROJECT MONTHLY PROGRESS REPORT

Partial Consent Order: COWSPCB 15-001
UI Contacts: S. Murphy, C. Mocciae, C. Eves
LEP: Marya B Mahoney - TRC

Respondent: United Illuminating Co. (UI)
Reporting Period: March, 2018

Site Information: Former English Station
510 Grand Avenue
New Haven, CT

1. Main Activities During Reporting Period
 - a. Weston and Sampson groundwater investigation report and remedial action plan for the Site are under internal review.
 - b. TRC and Weston & Sampson are working to develop Scopes of Study for Supplemental soil investigations and other sampling within both the north and south parcels.
 - c. UI submitted to CTDEEP and USEPA the Remedial Action Plan (RAP) to address the remaining PCB-impacted concrete floor slab in Station B to achieve the “High Occupancy Standard” required for this former spill/release area. The RAP is under review by the CTDEEP and USEPA Region 1 PCB Programs.
 - d. DEC TAM’s work on the interim cleanup of English Station continues to be suspended due to cold weather conditions in the building. Work will resume once temperatures in the building are consistently above freezing, with an anticipated commencement date of 02-April. While abatement work is suspended, workers have been on site to maintain the containment systems.
 - e. TRC completed sampling of paints, caulks, glazing, mastics and other building materials inside the Boiler #1 thru #12 containment for PCB, asbestos and lead analysis. Lab results are being analyzed to determine if any materials containing PCBs meeting the 40 CFR Part 761 definition of “Bulk PCB Product Waste” need to be addressed as covered in the Partial Consent Order.
 - f. Station B stabilization work on the building façade has been completed, and Grand Avenue has been reopened (*i.e.*, barricades removed) and debris dumpster removed. The work, including debris disposal, was performed by a contractor retained by the building owner.
 - g. TRC is developing the English Station Building Scope of Study for the West side of the building including the Turbine Hall.
 - h. TRC performed bi-weekly inspections of the Significant Environmental Hazard (SEH) areas and prepare inspection reports.
 - i. Community Outreach Website will be updated with the Main Activities during Reporting Period and Upcoming Activities sections of this document.

2. Upcoming Activities

- a. Submit Scope of Study for the West Side of the English Station Building, including the Turbine Hall.
- b. Once Boiler #1 thru #12 containment is removed, perform visual inspection to prepare the Scope of Study document for this part of the building.
- c. Re-commence with Interim Asbestos Abatement in English Station completing the Boiler #1 thru #12 area first, followed by Boiler #13 & #14 area.
- d. TRC will obtain building material samples inside the Boiler #13 & #14 containment once scaffolding work is completed and all areas are accessible. Samples will be analyzed for PCBs, asbestos and lead.
- e. Perform additional groundwater investigations to supplement the single round of sampling currently available and obtain other relevant groundwater flow, tidal influence and surface water data needed to adequately assess groundwater conditions at the site.
- f. Perform concrete remediation (scabbling) on first floor of Station B (upon approval of RAP).
- g. Evaluate off-site sources for suitable soil borrow for fill needed to implement remedial actions at the site.

3. Site Security

- a. During the reporting period, UI continued to maintain the security measures put in place by, and acquired from, the current property owners. Additional security measures have been implemented to monitor the east side of the site. Repairs to the site fencing along the bulkhead at the east entrance are being implemented due to wind storm damage.

4. Cost Incurred to Date

Description	Total
Licensed Environmental Professional Services	\$649,395
Site Security	\$91,833
Environmental Material Testing	\$42,845
Survey	\$5,980
External Support	\$55,724
Soil and Groundwater Investigation	\$843,957
English Station Interim Abatement	\$2,130,849
Bulkhead inspection	\$38,000
UI Project Oversight	\$396,327
Grant Mackay Reimbursement	-\$70,211
	\$4,184,699

5. Milestone Schedule

Consent Order (CO) Reference	Milestone	General Timing Requirement	* Planned Date to Complete	Actual Date Completed
B.4	Effective date	Defined as the later of the closing of the transaction (as further defined in B.4) or when the CO becomes a final order of the Commissioner	--	8/4/2016
B.5	Access date	Defined as the date that the Commissioner provides written notification the Required Access (as further defined in B.18) has been secured	--	8/10/2016
B.1.a	Retain LEP	On or before thirty (30) days from the Effective Date of this order	9/3/2016	8/25/2016
B.1.b	Submit Scope of Study (including schedule)	On or before sixty (60) days from the Access Date of this order	10/11/2016	10/11/2016
B.1.c	Submit Supplemental Plan and Schedule (if determined necessary by the Commissioner)	On or before thirty (30) days after notice from the Commissioner that such supplemental plan is required		
B.1.d	Implementation of the approved Scope of Study and, if required, any approved Supplemental Plan(s)	In accordance with the approved schedule(s)		
B.1.e	Submit Investigation / Remedial Alternatives Assessment Report and schedule to perform remedial actions (all in accordance with details presented in B.1.e)	On or before thirty (30) days after the approved date for completion of the investigation		
B.1.f	Submission, for the Commissioner's review and written approval, contract plans and specifications for the approved remedial actions, a revised list of all permits and approvals required for such on-site actions, and a revised schedule for applying for and obtaining such permits and approvals, consistent with all applicable state and federal statutes and regulations and the CO	Unless otherwise specified in writing by the Commissioner, on or before thirty (30) days after approval of the report described in Section B.1.e of the CO		
B.1.g	Implementation of the approved remedial actions	In accordance with the approved schedule		
B.1.g	Notify Commissioner of completion of approved remedial actions	Within fifteen (15) days of completion of remedial actions		
B.1.i	Submission of a supplemental remedial plan and schedule for the Commissioner's review and written approval (if/as required)	On or before thirty (30) days after notice from the Commissioner that such supplemental plan is required (unless otherwise specified by the Commissioner)		
B.1.j	Submission of a report describing the results (to date) of the approved monitoring program to determine the effectiveness of the on-site remedial actions.	On a schedule established by the Commissioner or, if no such schedule is established, on a quarterly basis beginning no later than ninety (90) days after completion of the approved remedial actions or, as applicable, supplemental remedial actions		

* Planned Dates are based on risks associated with the project. As activities progress, explanations will be provided for schedule variance. At this time, schedule submitted with Scope of Study has not been approved