



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901**

October 30, 2017
AMCO Superfund Site - Cleanup Action Weekly Status Report

Accomplished: Week of October 23 – October 27, 2017

- OTIE's subcontractor Mc2 continued routine site operations.
- OTIE collected hot groundwater samples from extraction wells X-01, X-04, X-13, X-19, X-21, X-25, X-28, X-33, X-36, and X-48; and from piezometers PZ-2, PZ-10, PZ-11, and PZ12. OTIE delivered all hot water samples to the USEPA Region 9 laboratory for VOCs analysis.
- OTIE continued ongoing monitoring of warehouse false floor treatment system influent (values ranging from 0.2 to 0.4 ppm) and effluent concentrations (0.0 ppm in all samples) using PID; these concentrations are below risk-based indoor air levels established by USEPA.
- OTIE performed routine daily inspection of the wellfield and did not identify any issues requiring attention.
- OTIE collected weekly system influent and effluent samples and delivered them to the EPA Region 9 laboratory for analysis.
- OTIE collected routine ambient air, indoor air, and crawl space air samples.
- OTIE hosted a group of EPA staff members for a site visit.
- OTIE's subcontractor Mc2 performed preliminary sampling and initiated a "pulsing" process to optimize recovery in the central portion of the site.
- A representative of Hartman Environmental Geoscience was onsite to provide routine maintenance and repair of the continuous ambient and indoor air monitoring equipment.
- OTIE continued vacuum and depth to water measurements from vapor monitoring points and piezometers to evaluate pneumatic and hydraulic capture conditions on site.
- OTIE performed general site clean-up and maintenance and oversaw environmental health and safety monitoring and recordkeeping.

Planned: Week of October 30 – November 03, 2017

- OTIE's subcontractor Mc2 will continue routine site operations.
- OTIE's subcontractor Mc2 will continue evaluation of the first pulsing effort and, pursuant to the observed optimization results will implement additional pulsing in the northern and southern areas of the site.
- Pursuant to direction from OTIE, Mc2 may reduce electrification to select electrodes at select depths as a means of optimizing recoveries in the central area of the site.
- OTIE will continue discussions with its subcontractor Mc2 and with EPA addressing system optimization and identification of specific system shutdown criteria.

- OTIE will continue ongoing ambient and indoor air monitoring and hydraulic/pneumatic influence associated with treatment system.

Total contaminants removed to date: 30,400 pounds (through October 27, 2017).