



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

November 13, 2017
AMCO Superfund Site - Cleanup Action Weekly Status Report

Accomplished: Week of November 06 – November 10, 2017

- OTIE's subcontractor Mc2 continued routine site operations.
- At OTIE's direction, Mc2 continued electrification of select electrodes and depth intervals to optimize mass recovery as part of evaluating system shutdown criteria.
- OTIE performed routine daily inspection of the wellfield and on Monday, November 06, identified odors and elevated PID readings near Electrode E-31. OTIE directed Mc2 to de-energize E-31 and increase extraction in that area to prevent further fugitive emissions. OTIE did not identify any further issues in the wellfield during the subject week.
- OTIE continued monitoring hot soil vapor concentrations from select extraction wells using cooling coils and PID, as a means of assessing system performance.
- OTIE continued ongoing monitoring of warehouse false floor treatment system influent and effluent concentrations (values ranging from 0.0 to 0.3 ppm, respectively) using PID; these concentrations are below risk-based indoor air levels established by USEPA.
- OTIE collected weekly system influent and effluent samples from the false floor and primary treatment systems and delivered them to the EPA Region 9 laboratory for analysis.
- OTIE continued routine monitoring of depth to water and vacuum in select piezometers to assess hydraulic and pneumatic capture conditions.
- OTIE performed monthly sewage and temperature measurements at select manholes in accordance with our EBMUD discharge permit.
- OTIE and Mc2 performed stinging in select extraction wells as a means of removing LNAPL from the subsurface.
- OTIE performed general site clean-up and maintenance and oversaw environmental health and safety monitoring and recordkeeping.

Planned: Week of November 13 – November 17, 2017

- OTIE's subcontractor Mc2 will continue routine site operations.
- OTIE and its subcontractor Mc2 will electrode optimization efforts to maximize VOCs and petroleum hydrocarbons recovery.
- OTIE will continue hot soil vapor sampling and collect a round of samples for chemical analysis by the EPA Region 9 laboratory.
- OTIE will initiate a round of hot groundwater sampling from select extraction wells for chemical analysis by the EPA Region 9 laboratory.

- OTIE will continue collection of weekly influent and effluent samples from the primary and false floor treatment systems.
- OTIE will continue ongoing ambient and indoor air monitoring and hydraulic/pneumatic influence associated with treatment system.

Total contaminants removed to date: 31,638 pounds (through November 10, 2017).