

UNIVERSITY OF CALIFORNIA, BERKELEY
RICHMOND BAY CAMPUS
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
May 15, 2019

This monthly summary report (MSR) summarizes environmental site investigation and remediation activities conducted on behalf of The Regents of the University of California (UC) at the University of California, Berkeley's Richmond Field Station Site in accordance with Section 6.3 of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) Site Investigation and Remediation Order (Order), Docket No. I/SE-RAO 06/07-004, effective on September 20, 2006.

a. Specific actions taken by or on behalf of Respondents during the previous calendar month (April 2019).

- On April 11, 2019, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- From April 1 through 8, 2019, UC Berkeley performed groundwater level measurements and piezometer sampling to collect data for the 2018-19 groundwater monitoring report.
- On April 4, 2019 DTSC provided comments on the November 2, 2018 Draft Soils Management Plan, Revision 2. UC Berkeley submitted the proposed update per agreement with DTSC that the plan be reviewed yearly and updated as necessary. The updated SMP will be included as part of the 5-year review of the 2014 Final Removal Action Workplan.
- The Final Groundwater Sampling Results Technical Memorandum, dated March 29, 2019, was submitted to DTSC on April 4, 2019.

b. Actions expected to be undertaken during the current calendar month (May 2019).

- Due to schedule conflicts, the May monthly meeting with DTSC was cancelled.
- In June 2018 pre-excavation sampling was conducted at the Mercury Fulminate Area (MFA) to investigate vapor emissions controls for the removal action described in the July 2014 Removal Action Workplan, approved by DTSC on May 10, 2018. On October 5, 2018, an excavation pilot study was submitted to DTSC to evaluate the potential for mercury vapor emissions resulting from the proposed removal action at the MFA and to determine which conditions or applied methods would minimize or eliminate mercury vapors measure along the perimeter fence line locations. DTSC approved the pilot workplan on October 22, 2018. On December 11, 2018, the pilot excavation began and continued through December 14, 2018. Based on conversations with DTSC in August 2018, and data collected during the pilot excavations, waste profile proposals were sent to the receiving waste management facilities for review. Waste profiles were approved by the receiving facilities in February 2019. Removal of MFA excavation pilot study soil was completed on February 28, 2019. A summary letter documenting the effectiveness of various controls used during the December MFA pilot study and waste disposal documentation was submitted to DTSC on May 6, 2019.

- A TSCA PCB risk-based disposal approval for the EPA North Meadow soil pile excavation areas was submitted to EPA on August 15, 2018, with additional certification language submitted on August 29, 2018. EPA sent an approval letter on September 6, 2018. UC Berkeley will collect the perimeter confirmation samples on May 15 and 16, 2019 to ensure the proper volumes are included in the draft plans and specifications.

c. All planned activities for the next month (June 2019)

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held June 13, 2019.
- Following receipt of the EPA North Meadow sample data, the plans and specifications will be submitted to DTSC and EPA for review and approval. The removal action is planned for summer 2019.
- Draft plans and specifications for the MFA will be updated to include various controls from the December 2018 MFA pilot excavation. It is anticipated the draft plans and specifications will be submitted to DTSC for review and approval in June 2018.

d. Any requirements under the Order that were not completed.

- None.

e. Any problems or anticipated problems in complying with this Order.

- Completion of the RAW removal actions, continued efforts under the Field Sampling Workplan, and other tasks is dependent on the ability to meet with DTSC staff on a timely basis and may require adjusting schedules and extensions of deadlines.