

UNIVERSITY OF CALIFORNIA, BERKELEY
RICHMOND BAY CAMPUS
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
September 17, 2018

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 (August 2018).

- On August 9, 2018 UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- On January 18, 2017 sediment and porewater sampling was completed in Western Stege Marsh as implementation of the marsh sampling portion of the Field Sampling Plan Phase V (FSP V), approved by DTSC on January 17, 2017. The Draft Phase V Sampling Results Technical Memorandum Western Stege Marsh on the findings of the sampling was submitted to DTSC on July 27, 2017 and on December 21, 2017 DTSC issued a comment letter. On January 31, 2018 UC staff met with DTSC and EPA eco-risk assessors and other staff to discuss the results of recent and historic marsh sediment and porewater samples. On February 28, 2018 draft Response to Comments (RTCs) on the DTSC comment letter were submitted to DTSC. On June 7, 2018 DTSC issued a comment letter on the draft RTCs requiring reporting revisions to the report in 30 days. Based on discussion with DTSC, a redline version and RTCs on the June 2018 DTSC comment letter were submitted to DTSC on August 2, 2018. Following DTSC approval of the report, a multi-agency meeting will be scheduled in the near future to discuss the findings and determine any future actions needed.
- The draft annual groundwater monitoring report for 2016-17 was submitted to DTSC on September 15, 2017. The final report was submitted on March 14, 2018 with edits based on the December 18, 2017 DTSC comment letter. DTSC sent an approval letter for the report on April 9, 2018, which also requires an amendment to the *Proposed Continued Groundwater Monitoring Locations* that includes the table of piezometers that will be sampled beginning in 2018. A separate letter with this amendment was submitted to DTSC on August 15, 2018.
- 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. The removal action is tentatively planned for late Fall 2018.

b. Actions expected to be undertaken during the current calendar month (September 2018).

- On September 13, 2018 UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.

- On March 20, 2018 a sampling plan for the B120 concrete floor was submitted to DTSC in order to determine if it can be re-released for use by the RFS Facilities Management or whether remediation of the floor is needed. DTSC issued a comment letter on the B120 floor sampling plan on May 7, 2018 and a revised sampling plan was submitted on August 15, 2018. DTSC sent an approval letter August 17, 2018, and the concrete sampling was completed on September 11, 2018.
- It is anticipated that UC Berkeley will provide DTSC with a proposed update to the April 12, 2017 Soil Management Plan Revision 1 in September per agreement with DTSC that the plan would be reviewed yearly and updated as necessary.
- One June 4, 2018 pre-excavation sampling began at the Mercury Fulminate Area (MFA) to refine excavation areas for the removal action described in the July 2014 Removal Action Workplan, approved by DTSC on May 10, 2018. The field work continued through June 15, 2018. Based on conversations with DTSC in August 2018, and data collected during the pre-excavation a waste profile proposal was sent to the receiving landfill for review, and results will be shared with DTSC in September 2018.

c. All planned activities for the next month (October 2018)

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held October 11, 2018.
- A sampling plan to complete a miscellaneous soil sampling activity in the Northwest Meadow to evaluate current soil conditions was submitted to DTSC on March 29, 2018. DTSC issued a comment letter on the Northwest Meadow sampling on May 10, 2018 and it is anticipated that a response to comments will be completed in October 2018.
- It is anticipated that the draft Plans and Specifications for MFA planned removal action will be completed in October 2018. The draft Plans and Specifications will be submitted to DTSC for review and approval.

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.