

**UNIVERSITY OF CALIFORNIA, BERKELEY**  
**RICHMOND BAY CAMPUS**  
**RICHMOND FIELD STATION SITE**  
**MONTHLY SUMMARY REPORT**  
**October 15, 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 (September 2018).

- On September 13, 2018 UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- 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 planned for winter 2018-19.
- 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.
- On August 10, 2018 soil samples were collected to support construction of the fourth phase of the Northern Regional Library Complex adjacent to B400. The September 20, 2018 sample analytical results indicated some PAH results exceeded the Category I Criteria for several individual PAHs. Pending final excavation needs for construction, excavated materials will be managed within the SMP project area in accordance with the April 2017 Soil Management Plan Revision 1 or disposed of offsite. An on-site management plan will be developed at that time. DTSC will be notified of the soil management strategy prior to implementation.

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

- On October 11, 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. DTSC issued a conditional approval letter on September 27, 2018, and the final report will be submitted to DTSC in October. DTSC provided approval of the final report in a letter dated September 27, 2018. UC Berkeley will issue the report on October 15 and will initiate discussions regarding the upcoming multi-agency meetings to discuss the report.

- In June 2018 pre-excavation sampling was conducted 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. 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. 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. It is anticipated the work for the pilot study will be completed in November 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 November per agreement with DTSC that the plan would be reviewed yearly and updated as necessary.

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

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held November 8, 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 November 2018.
- It is anticipated that the draft Plans and Specifications for MFA planned removal action will be completed in November 2018, pending the results of the proposed pilot study. 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.