

UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY GLOBAL CAMPUS AT RICHMOND BAY
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
February, 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 (January 2018).

- On January 11, 2018 UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- On January 26, 2018 a near surface sediment sample was collected from the Western Stege Marsh as part of continued annual monitoring for worker protection and evaluation of current near surface sediment conditions consistent with the March 2008 Agency for Toxic Substances and Disease Registry Public Health Assessment and California Department of Public Health findings and recommendations. A report on the sampling will be submitted in February 2018.
- 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.

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

- On February 8, 2018 UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- Two geotechnical borings for the Northern Regional Library Facility Phase IV expansion were completed from November 27- 29, 2017. The containers of drilling slurry waste were removed for off-site disposal on February 13, 2017.
- An application for a risk-based PCB cleanup for the Corporation Yard and B150 Transformer Area Removal Action Workplan excavation areas was submitted to U.S. EPA Region 9 TSCA office on August 8, 2017 including a report on the results of the June 2017 supplemental PCB sampling. The application was approved by EPA on September 1, 2017. The Corporation Yard removal action designed to excavate twelve PCB and non-PCB areas described in the July 2014 Removal Action Workplan (RAW) and August 2017 application began on October 10, 2017 and was completed on November 1, 2017 after which the excavation areas were lined with filter fabric and filled with clean soil from the CRT soil

piles. On December 19, 2017 EPA and DTSC staff completed a site inspection of the Corporation Yard and B150 Transformer Area Removal Action Workplan (RAW) to assess final requirements for signage and fencing. Covered and lined roll-off bins containing soil from the Corporation Yard and B150 Transformer Area RAW implementation were shipped to permitted off-site disposal facilities at the end of December 2017. Step-out soil sampling in portions of the Corporation Yard as a follow-up to the December 19, 2017 site inspection by EPA and DTSC staff was completed during the week of January 16, 2018. The remaining six cubic yard boxes of TSCA PCB waste were shipped for off-site disposal on February 2, 2018. A fencing plan for the excavation areas will be submitted in February and the areas fenced upon approval of the plan by DTSC and EPA

- The draft annual groundwater monitoring report for 2016-17 was submitted to DTSC on September 15, 2017. It is anticipated that a final report will be completed in February 2018 with edits based on the December 18, 2017 DTSC comment letter.
- A draft sampling plan for characterization of PCBs in the EPA North Meadow soil piles, as a follow-up to findings in the Field Sampling Plan Phase IV investigations, was submitted to DTSC and EPA and approved in October 2017. The sampling was completed on November 14 and 15, 2017. A follow-up sampling of soil accumulated on top of two catch basin inlets at the south end of the meadow was completed on December 14, 2017. It is anticipated that a report on the soil sampling of the EPA North Meadows soil piles will be submitted in February 2018.
- It is anticipated that a report on the implementation of the marsh sampling portion of the Field Sampling Plan Phase V (FSP V) will be finalized in February based on the December 21, 2017 comment letter received from DTSC and January 31, 2018 follow-up discussions with EPA and DTSC staff. Following completion of the report a multi-agency meeting will be scheduled in the near future to discuss the findings and determine any future actions needed.
- Based on discussion at the February 8, 2018 monthly meeting, UC will submit a sampling plan for additional subsurface investigations the Mercury Fulminate Plant Area (MFA) to refine excavation areas for the removal action described in the July 2014 Removal Action Workplan. The field sampling plan will be submitted in February or March 2018 and implemented as soon as a driller can be scheduled and upon approval of the sampling plan by DTSC.

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

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held March 8, 2018.
- It is anticipated that additional subsurface investigation at the Mercury Fulminate Plant Area will be conducted in March or April 2018 and that plans and specification will be completed soon after the field sampling results are obtained.
- A draft report on the Corporation Yard and B150 Transformer Area Removal Action Workplan (RAW) completed in October and November 2017 is anticipated to be submitted in March 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.