

UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY GLOBAL CAMPUS AT RICHMOND BAY
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
September 15, 2015

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 2015).

- On August 6, 2015 a pre-bid job walk was held to obtain bids from prequalified hazardous materials contractors for completion of the work described in the Plans and Specifications for the Removal Action Workplan for the Corporation Yard and PCB Transformer locations.
- On August 7, 2015, UC Berkeley received comments from DTSC regarding the Draft Phase IV Sampling Results Technical Memorandum, dated June 5, 2015. UC Berkeley will provide a draft response-to-comments to DTSC for review prior to preparing the final document.
- On August 12, 2015 the Final Plans and Specifications for the Corporation Yard and PCB Transformer locations was submitted to DTSC including review by the California State Fire Marshal (provided by the campus Fire Marshal).
- On August 13, 2015, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- On August 13, 2015 the Draft RFS Site Ambient Metals Technical Memorandum was submitted to DTSC. The memorandum provides a weight of evidence approach, including statistical analyses of all upland soil samples collected at the RFS, which demonstrates that concentrations of aluminum, cobalt, nickel, and manganese found in soil samples represent ambient metal content in the soil and are not due to known sources of contamination. The study will be used to update Soils Management Plan screening levels in the annual update expected to be completed upon DTSC's review and concurrence of this technical memorandum.

b. Actions expected to be undertaken during the current calendar month (September 2015).

- As a follow-up to Upland Meadows sampling as part of Field Sampling Plan Phase IV, follow-up sampling of soil piles in the EPA North Meadow was completed on September 9, 2015. Data from the sampling activity will be included in the Final Phase IV Sampling Results Technical Memorandum.
- On September 10, 2015, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.

- A geophysical survey of the Western Transition Area will be completed by a utility contractor during the week of September 21, 2015 to provide additional data on subsurface conditions which will provide assistance in determining where to collect soil samples during FSP Phase V.
- A draft technical report for implementation of all activities of the Field Sampling Plan Phase IV, including Upland Meadows (soil sampling), Coastal Terrace Prairie carbon tetrachloride source investigation (soil vapor sampling), Magnetic Anomaly Bulb Exploratory Excavation, and marsh edge piezometer installation, was submitted to DTSC on June 5, 2015. On June 1, 2015, a letter report including sampling analyses used for waste characterization was submitted to DTSC in support of a request to re-use five drums of clean soil from marsh edge piezometer installation on-site in an area of coastal prairie restoration in the vicinity of the piezometer installations. On August 14, 2015 DTSC issued a letter approving re-use of the soil on site. It is anticipated that the soil will be moved to the marsh edge during September to be used as part of continuing marsh restoration efforts.
- Preparation of Plans and Specifications for the Removal Action Workplan at the former Mercury Fulminate Area (MFA) will continue with submittal of proposals for sampling and pilot studies needed for plan development in the MFA.

c. All planned activities for the next month (October 2015)

- Groundwater well water elevations will be collected during the week of October 5, 2015 as part of the 8th round of groundwater sampling (water samples will be collected in April 2016 for chemical analyses). Elevation measuring will be coordinated with environmental consultants collecting equivalent data from Campus Bay and from RFS BABP wells.
- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held October 8, 2015.
- It is anticipated that completion of the work described in the Plans and Specifications for the Removal Action Workplan for the Corporation Yard and PCB Transformer locations may be completed by hazardous materials contractors in October or November 2015, pending budget considerations.
- UC Berkeley will provide DTSC with a proposed update to the Soil Management Plan, dated July 18, 2014, in October per agreement with DTSC that the plan would be reviewed yearly and updated as necessary. Submittal of the update Soil Management Plan is contingent upon concurrence regarding future screening levels for aluminum, cobalt, manganese, and nickel.

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.