

**UNIVERSITY OF CALIFORNIA, BERKELEY**  
**RICHMOND FIELD STATION**  
**MONTHLY SUMMARY REPORT**  
**October 15, 2014**

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 2014).

- On September 11, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- A summary report on the DTSC- approved well installation and sampling activities performed as part of the BAPB performance monitoring activities, *Monitoring Well Installation Report and Initial Groundwater Sampling Results, Vicinity of the Biologically Active Permeable Barrier, University of California, Berkeley Richmond Field Station*, was submitted to DTSC by Terraphase, consultants for Zeneca on April 24, 2014. DTSC provided a comment letter on this report on August 4, 2014. On September 19, 2014, Terraphase submitted the report *Response to Department of Toxic Substances Control Comments Regarding the "Monitoring Well Installation Report and Initial Groundwater Sampling Results, Vicinity of the Biologically Active Permeable Barrier, University of California, Berkeley Richmond Field Station"*. The first round of quarterly sampling for the BAPB-performance monitoring well was completed at the end of March 2014 to coincide with collection of site-wide groundwater elevation measurements and sampling of monitoring of wells that were performed in April 2014. Wells were sampled in June 2014 and again during the third week of September 2014. The fourth round will be completed in December 2014.
- A final revised Response to Comments on the Draft Phase IV Field Sampling Plan (FSP) was submitted to DTSC on September 19, 2014 for three of the four activities and was approved by DTSC on September 29, 2014 with minor changes required in 15 days.
- On September 22, 2014 the Application for Regionwide Permit #2 for Marsh Edge Activities at Richmond Field Station Site was submitted to the San Francisco Bay Conservation and Development Commission (BCDC) for FSP IV work being conducted within BCDC jurisdictional area.
- On September 30, 2014, DTSC conducted a magnetometer re-survey of the Bulb area of the RFS in order to re-locate the magnetic anomaly found in a previous survey.

b. Actions expected to be undertaken during the current calendar month (October 2014).

- On October 3, 2014 the Draft Field Sampling Plan IV Addendum 1 including the Draft Exploratory Excavation Workplan by Cabrera Services was submitted to DTSC.
- On October 6, 2014 the Final Field Sampling Plan IV was submitted to DTSC.
- On October 9, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- Excavation of approximately six cubic yards of hydraulic oil contaminated soil at the Pacific Earthquake Engineering Research Center is expected to be completed on October 15, 2014.
- Implementation of the Field Sampling Plan Phase IV is anticipated to begin the week of October 20, 2014 and expected to be completed in three to four weeks, depending on weather conditions. A Final FSP Addendum for the Bulb Exploratory Investigation is anticipated to be submitted in October 2014. Bulb Exploratory Excavation is scheduled to be completed on or around October 29, 2014, pending agencies approval.

c. All planned activities for the next month (November 2014)

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held November 13, 2014
- UC Berkeley will continue to implement the Phase IV FSP field activities.
- UC Berkeley has commenced with completion of Plans and Specifications for the Removal Action Workplan removal actions at the former Mercury Fulminate Area (MFA), the Corporation Yard, and PCB Transformer locations. A draft of the Plans and Specifications is anticipated to be submitted to DTSC in November 2014, along with sampling and pilot studies needed for plan development in the MFA.

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.