

UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY GLOBAL CAMPUS AT RICHMOND BAY
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
November 17, 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 (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 was completed on October 15, 2014.
- Implementation of the Field Sampling Plan Phase IV began the week of October 20, 2014 with soil sampling of the Coastal Terrace Prairie Natural Open Space and installation and retrieval of AGI passive soil vapor monitoring in the carbon tetrachloride groundwater area to the east of B280B. Permit applications to BCDC (submitted September 22, 2014), RWQCB, and the Army Corps of Engineers (October 24, 2014 application) for piezometer installation in Western Stege Marsh are being processed for FSP IV piezometer installation work anticipated to be complete in November 2014 pending agency permit approval and acceptable weather conditions.
- On October 28, 2014 the Final FSP Addendum 1 for the Bulb Exploratory Investigation was submitted to DTSC.
- On October 29, 2014 the Bulb Exploratory Excavation was completed.

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

- On November 13, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.

- UC Berkeley will continue to implement the Phase IV FSP field activities. An application for a 401 Water Quality Certification was submitted to the RWQCB on November 14, 2014. Work will proceed upon approval by all permitting agencies and provided weather conditions allow access to the marsh and marsh edge.
- 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 or December 2014, along with sampling and pilot studies needed for plan development in the MFA.

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

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held December 11, 2014.
- It is anticipated that a draft implementation reports for the FSP IV Bulb Exploratory Excavation and for the Coastal Terrace Prairie activities (soil and soil vapor sampling) will be submitted to DTSC in December 2014 or January 2015.
- 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.

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.