

UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY GLOBAL CAMPUS AT RICHMOND BAY
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
January 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 (December 2014).

- On December 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 was completed in December 2014.
- On November 26, 2014, soil samples were collected to support the LBNL Distributed Acoustic System research project to the west of B400. Sample analytical did not find any concentrations of chemicals of concern exceeding Soils Management Plan Category I concentrations and the project was installed in December.

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

- On January 8, 2015, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- A draft implementation report for the Field Sampling Plan (FSP) IV Bulb Exploratory Excavation was submitted to DTSC on January 8, 2015.

- A technical meeting among DTSC and UC Berkeley staff will be held on January 23, 2015 to discuss the results of the FSP IV Coastal Terrace Prairie activities (soil and soil vapor sampling). It is anticipated that a draft implementation report for these activities will be submitted to DTSC in February 2015.
- On October 6, 2014, the Final Field Sampling Plan IV was submitted to DTSC and three of the four activities were mostly completed in October. UC Berkeley will continue to implement the final Phase IV FSP field activity, installation of temporary piezometers near the Biologically Active Permeable Barrier at the Western Stege Marsh edge. Several permit applications require approval prior to installation of the piezometers. An application to amend the current Regionwide Permit #2 was submitted to BCDC on September 22, 2014. An application for a 404 Nationwide Permit #6 was submitted to USACE on November 3, 2014. 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.
- A near surface sediment sample will be collected in January 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.
- 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 for the Corporation Yard and PCB Transformer locations is anticipated to be submitted to DTSC in January 2015 or February 2015, along with sampling and pilot studies needed for plan development in the MFA.

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

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held February 12, 2014.
- It is anticipated that a draft report on BAPB performance monitoring activities will be submitted to DTSC by Terraphase in January or February 2015.
- It is anticipated that a draft implementation report for the FSP IV Coastal Terrace Prairie activities (soil and soil vapor sampling) will be submitted to DTSC in February 2015.

d. Any requirements under the Order that were not completed.

None.

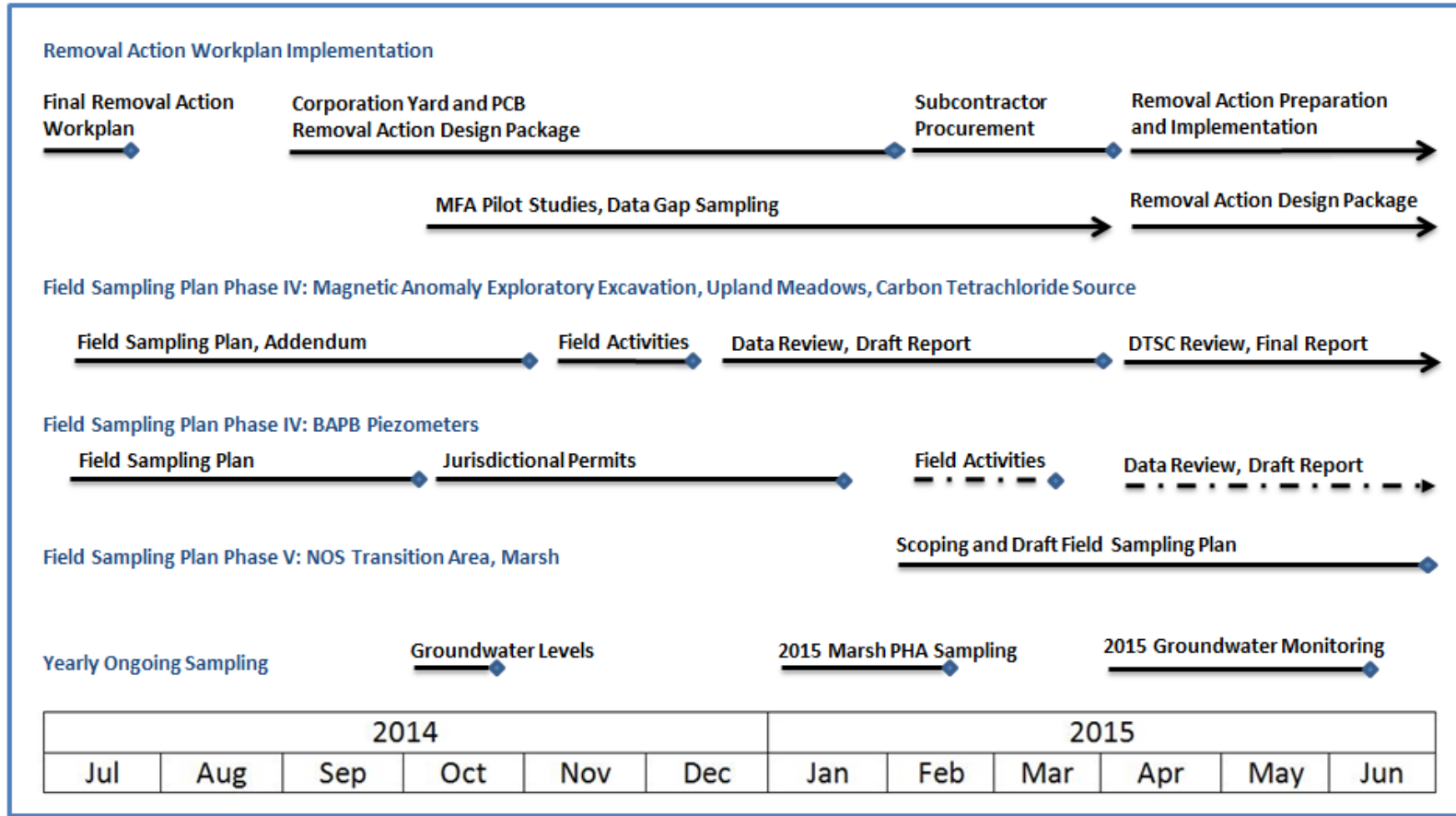
e. Any problems or anticipated problems in complying with this Order.

- 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.

**University of California, Berkeley, Berkeley Global Campus at Richmond Bay, Richmond Field Station Site
Tentative Schedule**

**Site Investigation and Remediation Order Docket No. I/SE-RAO 06/07-004
Fiscal Year 2014-15 (Q3 and Q4 January 2015 report)**

This Tentative Schedule presents current estimated start and end dates for certain investigation and remediation activities being conducted on behalf of The Regents of the University of California (UC) at the UC Berkeley, Berkeley Global Campus, Richmond Field Station Site (RFS). Further information on near-term tasks is available in Monthly Summary Reports. Dates in this schedule are estimates and subject to change based on ability to meet with DTSC staff on a timely basis and other factors that may require schedule adjustments.



- - - - Note: Dashed line indicates schedule is uncertain due to weather and site conditions, permits, and other factors.