

UNIVERSITY OF CALIFORNIA, BERKELEY
RICHMOND BAY CAMPUS
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
March 15, 2023

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 (February 2023).

- Proposed Field Activity; Eastern Transition Area (ETA) PCB Investigation: UC Berkeley submitted a proposed sampling approach to EPA and DTSC regarding the PCBs identified in the ETA during the Mercury Fulminate Area (MFA) removal action on September 21, 2022. On October 6, 2022, EPA provided two comments on the report and confirmed in December 2022 that no further comments would be provided. UC Berkeley received comments dated November 21, 2022 from DTSC. UC Berkeley provided an updated document addressing EPA and DTSC comments on December 21, 2022. EPA indicated the document was approved via email on December 21, 2022; UC Berkeley received concurrence from DTSC on February 3, 2023. The proposed work area is within the Ridgway's rail habitat buffer zone, and therefore the sampling will begin after September 1, 2023.
- Proposed Field Activity; Corporation Yard PCB Removal Action: Per its application for a risk-based PCB cleanup for the Corporation Yard and within the scope of the RAW, UC Berkeley provided EPA and DTSC a follow-up implementation strategy on August 24, 2022 for the remaining PCB contamination at the East Meadow and Excavation 8, as well as adjacent to B120 and Excavations 3A, 3B, and 4 from the initial removal actions previously conducted. UC Berkeley received comments dated November 10, 2022 from DTSC. UC Berkeley conducted a meeting with EPA and DTSC on December 21, 2022 regarding the sampling strategy. Based on the meeting, UC Berkeley submitted a revised approach to DTSC and EPA on January 19, 2023. DTSC provided concurrence on the revised submittal on February 3, 2023 and EPA provided concurrence on February 6, 2023. The scope of work was approved for sampling the East Meadow and to conduct a soil removal action at DU7.
- Reporting and Communication; Groundwater Monitoring Investigation: UC Berkeley provided a well destruction plan to DTSC on December 16, 2022 to properly close the piezometer DHR per Contra Costa County permit requirements. DTSC provided comments to UC Berkeley on January 6, 2023 and UC Berkeley submitted a revised plan on January 20, 2023. DTSC approved the well destruction plan on January 24, 2023. UC Berkeley will prepare the Contra Costa County permit application in preparation for well destruction to occur in September 2023.
- Reporting and Communication; Corporation Yard PCB Removal Action: Per its application for a risk-based PCB cleanup for the Corporation Yard and B150 Transformer Area Removal Action Workplan, UC Berkeley conducted triplicate sampling in the Corporation Yard on May 20 and 21, 2021. UC Berkeley received sampling results in July 2021 and provided a

data summary to DTSC and EPA on May 23, 2022. EPA had no comments on the summary. DTSC provided comments on December 6, 2022. UC Berkeley submitted a final version incorporating DTSC comments on January 27, 2023. UC Berkeley received concurrence on the final letter from DTSC on February 6, 2023. No further action is required for this activity.

- Reporting and Communication; B112 PCB Removal Action: Per its application for a risk-based PCB cleanup for the B112 Transformer Area, UC Berkeley submitted the draft implementation summary report to EPA and DTSC on August 22, 2022. UC Berkeley received comments dated November 9 from DTSC on November 28. EPA provided comments to UC Berkeley on January 4. UC Berkeley met with DTSC and EPA on February 1, 2023 to discuss the comments and storm inlet sampling. UC Berkeley collected the recommended storm inlet sample on February 2, 2023, and incorporated the results into the final report submitted to EPA and DTSC on February 16, 2023. DTSC provided concurrence on the final report on February 24, 2024. Final concurrence has not been received from EPA.

b. Actions expected to be undertaken during the current calendar month (March 2023).

- Proposed Field Activity; Corporation Yard PCB Removal Action, Sampling: UC Berkeley will initiate planning activities associated with the proposed soil sampling at the East Meadow and Excavation 8, per the January 19, 2023 proposed sampling letter. All soil samples will be collected by hand, and therefore a work notice is not required. The work is estimated to be conducted in April 2023.
- Proposed Field Activity; Corporation Yard PCB Removal Action, Soil Removal: UC Berkeley will initiate planning activities associated with the proposed soil removal at DU7, per the January 19, 2023 proposed sampling letter. Planning activities consist of procuring a removal action contractor and scheduling the work. The work will be conducted with a backhoe, and therefore a work notice will be issued. The work is estimated to be conducted in May 2023.
- Reporting and Communication; Groundwater Monitoring Investigation: UC Berkeley will prepare the Contra Costa County permit application for the closure of piezometer DHR. UC Berkeley will schedule the field activities to be concurrent with the ETA PCB investigation, as both efforts will require a work notice to be issued within 2 weeks of the field event.
- Reporting and Communication; SMP Sampling, B118 Firewall: UC Berkeley will provide a summary letter and SMP Form B updated to DTSC following the designation of the off-site waste facility selected by the contractor which was pending in February 2023.
- Reporting and Communication; Western Transition Area (WTA) Phase V Investigation: UC Berkeley will continue preparation of the Phase V implementation summary report. This report will incorporate comments received on the Phase V, WTA Sample Results letter, dated October 16, 2020, and the supplemental investigation defining the extent of the dark product encountered during the original Phase V investigation.
- Reporting and Communication; Soil Management Plan: Based on the completion of the Five-Year review report, UC Berkeley submitted the draft Soil Management Plan, Revision 3 for DTSC and EPA review on March 3, 2023.

c. All planned activities for the next month (April 2023)

- Reporting and Communication; Quarterly Meetings: UC Berkeley staff conducts quarterly coordination meetings with DTSC. The purpose of these meetings is to provide DTSC, City of Richmond, Zeneca, and UC Richmond Field Station representatives the opportunity to coordinate on regional cleanup activities at the southeast Richmond shoreline. The next scheduled meeting is April 14, 2023.
- UC Berkeley will conduct its biennial groundwater sampling event during the week of April 10, 2023.
- UC Berkeley will conduct soil sampling at the East Meadow during the week of April 17, 2023.
- UC Berkeley will continue to prepare the WTA Phase V implementation summary report.
- UC Berkeley will incorporate DTSC and EPA comments on the draft SMP report, upon receipt of comments.
- UC Berkeley will issue hard copies of the final implementation summary report for the B112 Transformer Area PCB removal action to DTSC following concurrence from EPA regarding the final report status as complete.

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 and TSCA removal actions, continued efforts under the Field Sampling Workplan, and other tasks is dependent on the ability to meet with DTSC and EPA staff on a timely basis and may require adjusting schedules and extensions of deadlines.