



**Restoration Advisory Board (RAB) Meeting Minutes
Sierra Army Depot (SIAD)
1 November 2018, 6:00 p.m.
Skedaddle Inn - Herlong, California**

Attendee	Organization
Cortney Carrier	SIAD, RAB Co-Chair
Paul Herman	SIAD, RAB Co-Chair
Rich Mendoza	AEC
Tenaya Tuteur	DTSC
Yun Zhang	DTSC
John Steude	RWQCB
Jeff Brooks	RWQCB
Scott Armstrong	USACE - Sacramento
Sachin Saldanha	PIKA Arcadis JV
Hoa Voscott	PIKA Arcadis JV
Emily Sheu	PIKA Arcadis JV
Gary Clift	PIKA Arcadis JV

1.0 Roll Call – Cortney Carrier, SIAD, RAB Co-Chair

Ms. Carrier and Mr. Voscott opened the meeting by welcoming the RAB members and attendees. There were no minutes from the last RAB meeting on October 26, 2017 because no one from the public showed up and the meeting was adjourned.

2.0 Groundwater Remedial Sites as part of the Installation Restoration Program (IRP) – Hoa Voscott, PIKA Arcadis JV

Mr. Hoa Voscott introduced himself as the as the SIAD project manager at PIKA Arcadis JV. Mr. Voscott presented the progress of the remedies for the four groundwater sites: Building 210 Area, ALF/SSA, DRMO Trench Area, and TNT Leaching Beds Area.

Building 210 Area: Presentation.

Mr. Voscott presented the status of the remedy in place (RIP), enhanced reductive dechlorination (ERD) with soil vapor extraction (SVE), for the Building 210 Area. The groundwater remedy system consists of six injection well transects located within the trichloroethene (TCE) plume. Recent injections have been completed using up to 2% molasses solution.

The Team presented the ERD performance monitoring results (through the 2017 sampling event) for wells located downgradient of the six transects. TCE concentration

reduction, typically by an order of magnitude or more, and corresponding cis-1,2-dichloroethene production have been observed at a majority of the primary ERD performance wells as well as at a few of the secondary performance wells.

Recent injections were completed at all transects between April and October 2018. Semi-annual sampling was completed in May 2018, and the annual sampling will be completed in November/December 2018. Results will be reported in the next annual report. New wells are proposed to be installed at the site in 2019 to help delineate the plume.

ALF/SSA: Presentation.

Mr. Voscott presented the status of the remedy at the ALF/SSA. The last ERD injection event was in June 2015 and a rebound evaluation is currently being conducted. TCE concentrations in a majority of the performance wells continue to be less than the maximum contaminant level (MCL). Sampling was conducted in May 2018 and will be conducted in November 2018 per the Monitored Natural Attenuation Work Plan. Results will be reported in the next annual report.

Mr. Herman asked whether infrastructure was in place to resume injections if necessary. Mr. Voscott responded that injection wells are still at the site and can be injected into, if needed.

DRMO: Presentation.

Mr. Voscott discussed the implementation of the ERD/SVE Treatability Test, which consisted of installing six injection wells in November 2010 to treat the highest groundwater concentrations of TCE in the plume core. Overall, the ERD performance results were good.

Annual injections were last completed in April 2018, the annual sampling event was completed in June 2018, and the semiannual ERD performance monitoring event was completed in October 2018. Results will be reported in the next annual report.

TNT: Presentation.

Mr. Voscott discussed the semiannual monitoring of the ERD Demonstration Program and annual monitoring of the plume stability. Overall, concentrations continue to decrease, and the remedy is working. There are four injection wells and approximately 1,000 gallons of molasses mixture was injected into each well in April 2018. The annual sampling event was completed in June 2018 and the semiannual ERD performance monitoring event was completed in October 2018. Results will be reported in the next annual report.

3.0 Honey Lake Status (BRAC)

Mr. Armstrong stated that no new work was completed. The Lake is inundated with water and BRAC will need to check on the condition of the signs (currently not visible).

4.0 MMRP Status – Sachin Saldanha PIKA Arcadis JV

A PA was completed at the Inactive Railroad area (IRA) site, and a draft PA Report has been prepared and is currently in Army review/comment. The LBG fence upgrade and repairs are in progress and expected to be completed by December 2018.

Mr. Herman asked if any soil testing has been completed. Mr. Saldanha said that sampling may be included as part of future investigations at the site if warranted based on document review and interviews.

5.0 Open Discussion

Ms. Carrier mentioned 5 new sites for RI/FS. Currently they are being evaluated by the Headquarters district attorney to determine whether they will be included as IR sites, eligible for funding to conduct investigations.

Next RAB meeting may be in fall of 2019, although exact data will be provided next year. The meeting was adjourned at 6:45 PM.