



**Restoration Advisory Board (RAB) Meeting Minutes
Sierra Army Depot (SIAD)
21 August 2008, 6:30 p.m.
Skedaddle Inn
Herlong, California**

Attendee	Organization
Susan Holliday	SIAD, RAB Co-Chair
Paul Herman	RAB Community Co-Chair
Charles Ridenoure	CA Dept. of Toxic Substances Control (DTSC)
Michael Dukes	ARCADIS G&M
Joseph King	US Army Environmental Command
Amanda Davis	Center for Urban Watershed Renewal
Matthew Tuma	Office of Senator Harry Reid (Nevada)
Robert Sack	Washoe County Environmental Health Services Division
James Brathovde	Lahontan Regional Water Quality Control Board
Larry Cowan	Community Member
Pat Shillito	Lassen County Times

1.0 Roll Call – Susan Holliday, SIAD, RAB Co-Chair

Ms. Susan Holliday opened the meeting by welcoming the RAB members, members of the public, and a few new attendees. Ms. Holliday asked if there needed to be any changes, deletions, etc. to the last RAB minutes. The RAB Minutes for the last meeting were approved as written.

Ms. Holliday also said that there appeared to be an issue with some RAB members not receiving agendas and/or minutes, as some of the mail to the Boston area was returned from the last mailing. She gave the returned mail to Ms. Amanda Davis who stated she would check with the Post Office in Boston to see what the issue is.

2.0 IRP Sites – Michael Dukes, ARCADIS

Mr. Dukes provided a summary of the background data and results of the Enhanced Reductive Dechlorination (ERD) programs at the ALF/SSA sites.

The TCE plume in the groundwater is above standards. The plume size is being reduced. Testing indicates that the injection program appears to be achieving the goal of reducing the TCE in the groundwater. Degradation product (cis-1,2-DCE) has been generated and detected. The TCE concentrations at well B21-77-MWA have been reduced from 1900 to <0.5 ug/L.

The SVE Pilot Study has been implemented and sucks vapors out of wells to remove TCE above the groundwater level. Approximately 9-2 pounds/month have been removed, however TCE removal from groundwater with this method has not been significant. This method does appear to have good results with regards to the soil vapors above the groundwater.

Proposed remedy is to expand the ERD system. The plume has remained stable since shutdown. One well appears to be increasing in TCE, though another well south of this well shows no TCE.

Mr. Paul Herman asked if we had permission to treat the groundwater on Doyle Wildlife Area lands. Ms. Holliday stated that SIAD had permission to put in monitoring wells on Doyle Wildlife Area lands, but no further actions at this time have been authorized.

Ms. Amanda Davis asked about daughter product (vinyl chloride) levels going up and felt that this was an area of concern. Mr. Dukes assured Ms. Davis that these issues are being monitored as well as for ethane (and others) and that in other California locations that they have performed these types of projects that the vinyl chloride was not produced in some reduction processes and we had not seen vinyl chloride produced at any of the Sierra Army Depot sites.

Mr. Larry Cowan asked if the water being pumped to Reno will cause the plume to spread. Mr. Dukes responded that they did not truly know. Ms. Holliday stated that indications are that the plume will not spread if the agreed amounts are not exceeded. At this time, approximately 8,000 acre feet per year is being pumped to the Reno area. Mr. Paul Herman also responded saying that Lassen County has monitoring wells between SIAD and the pumping wells and they have not seen any change in water quality. Ms. Holliday said that if the plume changes SIAD would know as SIAD tests frequently. Everyone agreed that frequent testing is important to monitor for any possible plume changes.

3.0 Status of Honey Lake – Amanda Davis, Center for Urban Watershed Renewal, Honey Lake, LLC (CUWR - www.cuwr.org)

Ms. Amanda Davis gave a presentation about the land use controls installed at the lake. Mr. Paul Herman stated he was under the impression that the lake area would be cleaned up when the lake was dry. Ms. Davis stated she that work was being done and funding was being sought to move forward.

Mr. Joe King, stated there would always be land use controls at the site. Mr. Herman said he has been awaiting progress of when they will clean up the lake bed.

Two informational sign cases have been installed at Honey Lake, one at the north side and one at the southern tip by Pole Line Road. The southern sign (installed 03/2008) already has bullet holes.

Mr. James Brathovde asked if the public activity of shooting is allowed in that area. Mr. Larry Cowan said that area had been used for years as a shooting area, and continues to be used to be a duck hunting area.

4.0 Military Munitions Response Sites Status – Susan Holliday

Ms. Holliday reviewed the progress on the MMRP sites. The preliminary assessment and site investigation have been completed for all sites. A corrective measures study work plan is in the works and hopefully will be funded this FY. Ms. Holliday relayed that \$19 million has been funded to date on these projects at SIAD. Mr. Brathovde questioned whether or not field removal was included in this amount or was this amount just for records. Ms. Holliday clarified that the dollars were used for SI, records review and removal of ordnance. Mr. Joe King felt that \$19 million was high for just SIAD, Ms Holliday stated she would verify the amount.

5.0 Monitoring Well Closures – Michael Dukes, ARCADIS

Mr. Dukes discussed the optimization of the groundwater monitoring programs and provided information concerning a number of wells had been permanently closed to reduce unnecessary costs.

6.0 Open Discussion – Group

It was conveyed to the group that Mr. Arnold Young has moved to Reno and will no longer be attending RAB meetings. Therefore, another RAB member will need to be selected to fill Mr. Arnold's seat on the board. Ms. Holliday will follow the process to fill this position.

7.0 Proposed Agenda and Schedule for Next RAB – RAB Members

RAB members agreed to meet next on Wednesday, November 5, 2008, 6:30 p.m. at the Skedaddle Inn.

The following agenda items were suggested for the November meeting:

Honey Lake
Groundwater