

**Meeting Minutes
Travis Air Force Base
Environmental Management
Building 246, Upstairs Conference Room
Installation Restoration Program
Remedial Program Managers Meeting**

13 February 2002, 0930 hours

Mr. Allen Brickeen, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 13 February 2002 at 0930 in Building 246, Upstairs Conference Room, Travis AFB, California. Attendees included:

- Allen Brickeen Travis AFB
- Glenn Anderson Travis AFB
- Dale Malsberger Travis AFB
- Tom Sreenivasan Travis AFB
- Wilford Day Travis AFB
- DeAnn Lehigh Travis AFB
- Anne D’Lima Restoration Advisory Board (RAB) member
- Roby Gregg Air Force Center for Environmental Excellence (AFCEE)
- John Lucey U.S. Environmental Protection Agency (U.S. EPA)
- Elizabeth Allen TechLaw
- Sarah Raker California Regional Water Quality Control Board (RWQCB)
- Loren Krook CH2M-Hill
- Deena Stanley URS
- George Joyce URS
- Brian Garber GTI/IT

Handouts distributed throughout the meeting included:

- Attachment 1 Meeting Agenda
- Attachment 2 Master Meeting, Teleconference, and Document Schedule
- Attachment 3 Tasks and Schedule Leading to the NEWIOU Soil, Sediment, and Surface Water ROD
- Attachment 4 Modifications to the Draft Final WABOU Soil ROD
- Attachment 5 SBBGWTP Monthly Data Sheet
- Attachment 6 CGWTP Monthly Data Sheet
- Attachment 7 NGWTP Monthly Data Sheet
- Attachment 8 CH2M Hill Field Activities, February 2002
- Attachment 9 GTI Field Activities, February 2002
- Attachment 10 URS Field Activities, February 2002

1. Administrative

A. Previous Meeting Minutes

The 15 January 2002 meeting minutes were approved and finalized.

B. Four-Month Calendar of Upcoming Milestones and Meeting Dates

The revised Travis AFB Master Meeting, Teleconference, and Document Schedules were distributed (see Attachment 2).

Master Meeting and Document Schedule

- Page 1, the North/East/West Industrial Operable Unit (NEWIOU) Record of Decision (ROD) schedule has been updated.
- Page 1, West/Annexes/Basewide Operable Unit (WABOU) Soil ROD point of contact for CH2M Hill was changed to Mr. Loren Krook.
- Page 1, WABOU Soil ROD draft final and final due dates were changed to TBD (to be determined).
- Page 3, LF007/Correction Action Management Unit (CAMU) Construction Quality Control Plan (CQCP) schedule has been changed to TBD.
- Page 4, Basewide Soil Remedial Design/Remedial Action (RD/RA) Plan, SD042 Soil RD, SD042 Remedial Action (RA) CQCP, and RW013 Soil Design schedules have been updated
- Page 4, Land Use Control Plan schedule will be established by the next RPM meeting.
- Page 5, Groundwater Sampling Analysis Program (GSAP) 2001 Annual Report response to comments meeting date was changed to reflect actual date (13 February 2002). Response to comments and final due date have been changed to 4 March 2002.
- Page 6, the Quarterly Newsletter schedule has been updated.

2. OPERABLE UNIT UPDATE

A. North/East/West/ Industrial Operable Unit

1. Landfill Cap Design

Mr. Malsberger stated that Travis AFB is waiting funding for the landfill cap design. Funds should be received by 1 April 2002 for contracting. The draft final design is tentatively scheduled to be completed by 1 May 2002.

2. **LF007C Groundwater Remedial Design**

Mr. Malsberger stated that he met with Mr. Ken Fuller of U. S. Fish and Wildlife Service to show Mr. Fuller the site and discuss the LF007C design package and supporting ecological information that had been submitted for review. Mr. Fuller will submit comments by the end of February 2002. U.S. Fish and Wildlife Service will then enter into a formal consultation including a biological opinion that will state conditions on the action. It may also include mitigation requirements.

3. **NEWIOU ROD Plan of Action and Milestone**

Mr. Malsberger distributed a handout titled Tasks and Schedule Leading to the Draft NEWIOU Soil, Sediment, and Surface Water ROD (see Attachment 3).

Mr. Malsberger reviewed the tasks that will lead up to completion of the NEWIOU Soil, Sediment, and Surface Water ROD.

- **ARARs** — ARARs will be developed with the agencies. This will eventually feed into Section 6 of the NEWIOU ROD. It will be similar to the WABOU ROD except the munitions rule and radiological ARARs will be removed. The NEWIOU ARARs will be submitted on 28 February 2002. Mr. Lucey stated that it would be helpful to have a summary in the cover letter or a table for the attorneys indicating what was changed, in order to expedite their review.
- **Sections 1 through 4, Part II** — will be submitted on 29 March 2002.
- **Summary Table of Sites** — working document of the table of sites, the COCs and COECs, the proposed action, and the rationale for the action will be developed to help the agencies keep track of the sites as the issues are discussed. This will support Section 5 of the NEWIOU ROD.
- **Presentation of Sites** — sites have been grouped in five sets. Beginning in April 2002, the first set of sites will be presented at the RPM meeting, with slides, photographs, tours, etc. At the following RPM meeting, there will be a response to comments agenda item to discuss any issues or comments on the sites presented.

- **Generic Cleanup Level Table** — a comprehensive list of the COCs/COECs from the NEWIOU with cleanup levels based on industrial preliminary remedial goals (PRGs), residential PRGs, non-cancer human health risks (HI=1), and ecological risks (HQ=1) for the burrowing owl.
- **Groundwater Protection Memorandum** — will provide empirical data and rationale that soil contaminants and the proposed cleanup levels will be protective of the groundwater quality. (Only one site [Site SD032] had the same contaminant [total petroleum hydrocarbon] in both the soil and the groundwater.)
- **Ecological Protection Memorandum** — funds are not available now, will be developed under a new fiscal year 2003 (FY03) project.

Mr. Lucey requested that the preparation of ecological protection memorandum start as soon as possible. Mr. Malsberger stated that determination will first need to be made if a site is a habitat or not. Mr. Lucey suggested having the ecological experts come out early for visits and get that information in the memorandum.

Mr. Malsberger proposed doing the first set of sites and determining when it would be appropriate to bring ecological people in and schedule an overall site visit.

- **Set 5** — surface water and sediment sites will be addressed differently. Mr. Brickeen suggested ecological tours be scheduled so that the creeks can be observed while the water is both high and low.

Mr. Malsberger requested that the agencies review the proposed tasks and schedule and provide feedback.

B. West/Annexes/Basewide Operable Unit

1. Soil Record of Decision

Mr. Anderson stated that the Air Force will not sign the WABOU Soil ROD, which was scheduled for completion at the end of January, because the U.S. Department of Defense (DoD) has concerns about land use controls and how they are addressed.

Mr. Anderson distributed a memorandum, titled Modifications to the Draft Final WABOU Soil ROD (see Attachment 4).

Ms. Deanne Lehigh explained that the dispute is between the DoD and U.S. EPA. The dispute will be resolved at the highest level and the ROD will be changed accordingly.

To avoid a disagreement from developing at Travis AFB and to move forward in areas in which all parties are in agreement, Travis AFB proposed a conditional acceptance of the changes with the understanding that when U.S. EPA and DoD resolve these issues, the parties can amend the ROD accordingly.

Ms. Raker asked what the discrepancy is. Ms. Lehigh stated that it is a dispute about enforceability of land use controls at active installations. U.S. EPA wants stronger assurances although the Air Force believes that proper internal safeguards for complying with these controls are already in place.

Mr. Lucey stated that his understanding of the dispute is about the Air Force's position on U.S. EPA's authority. The Air Force believes U.S. EPA authority stops at the remedy selection. Mr. Brickeen noted that U.S. EPA's authority does not stop at remedy selection, but stops when the FFA agreed schedules indicates that it stops.

Mr. Anderson stated that Travis AFB is determining the next step to make progress on the WABOU Soil ROD. Mr. Lucey stated that the attorney for Region 9 has reviewed the proposed language from Travis AFB and indicated that the U.S. EPA probably will not sign or agree to the language.

Ms. Raker asked what the backup plan is if U.S. EPA and DoD do not agree. Ms. Lehigh stated that Travis AFB must have a ROD and will follow the FFA CERCLA process. If the agencies will not sign, then there will be a formal dispute.

Ms. Raker asked who will bring the dispute. The Air Force will submit the fourth revised ROD, and U.S. EPA will initiate the dispute.

Ms. Lehigh stated that DoD is reviewing all RODs across the country.

Mr. Lucey stated that institutional controls have been an issue for several years. Approximately two months ago, the parties were trying to work things out with an interim ROD until the dispute is settled. This has changed. The U.S. EPA is taking the position that there will be no interim RODs, in order to pressure a decision for the Langley AFB dispute. U.S. EPA has requested that DoD make the resolution of the Langley dispute applicable to all the RODs. A meeting with DoD and U.S. EPA is scheduled for 22 February 2002 to further discuss this issue.

The revised package will be submitted within two weeks. There will be a 30-day comment period. The agencies requested that the proposed language be placed in the draft final version rather than a fourth revision to the draft. Travis AFB agreed with this proposal.

Ms. Raker asked whether money can be spent if the ROD has not been resolved. Mr. Brickeen stated yes, as long as land use is not addressed.

Mr. Anderson requested that the agencies respond to the memorandum.

2. FY02 RD/RA Schedule

Mr. Brickeen stated that Travis AFB still plans to excavate soil and complete excavations by October 2002 for the WABOU soil sites.

The remedial design/remedial action (RD/RA) plan to be submitted on 15 February 2002 gives guidance on how the RD/RA process will proceed. The SD042 remedial design package will follow within a week. LF007 design report and Post-Construction Maintenance Plan was delayed because of lack of funds.

Mr. Brickeen will put together a revised schedule that will include the CQCP plans. The SS041 soil remedial design is funded from FY02 funds, which will not be received until 15 March 2002.

The completion of the LF007 Cap/CAMU Soil Design and the SS041 soil design are waiting FY02 funds, which have not yet been received by Air Mobility Command.

3. RW013 Remedial Design Package

Mr. Anderson stated that the contractor's period of performance ends 15 March 2002. Therefore, the schedule will include the response to U.S. EPA's comments submitted on 14 February 2002 and finalizing the design on 21 March 2002.

Mr. Anderson requested a response from U.S. EPA by next week in order to adhere to the schedule.

3. CURRENT PROJECTS

A. South Base Boundary Groundwater Treatment Plant

Mr. Sreenivasan reported that the South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 99.6% uptime with approximately 6.2 million gallons of groundwater extracted and treated during the month of January 2002. The average flow was 139 gallons per minute (gpm). Approximately 3.7 pounds of volatile organic compounds (VOCs) were removed during January 2002. The total mass of VOCs removed since startup of the system is 167.5 pounds (see Attachment 5).

All extraction wells are currently in operation, and the plant is performing well since the startup of the air stripper.

B. Central Groundwater Treatment Plant

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 89.6% uptime with approximately 3 million gallons of groundwater extracted and treated. The average flow for the CGWTP was 81.0 gpm during January 2002. Approximately 22 pounds of VOCs were treated during January 2002. The total mass of VOCs removed since startup of the system is 1,977 pounds (see Attachment 6).

Mr. Sreenivasan reported that there was significant downtime occurring during the month of January because of carbon change out and UV/Ox system overhaul. The UV/Ox system efficiency has been approximately 99% since the overhaul. The systems are now running at their highest efficiency.

The schedule for the CGWTP O&M Manual Draft Final Rev. 1 submission is 1 March 2002. There will be significant revisions based on the Water Board comments and data from the SS016 expansion project, new wells, and the thermal oxidizer. The revision will cover all systems that were added to site SS016 including reviews from permits.

The CGWTP O&M Manual Draft Final will also include the WTTP, DP039, and LF008 which contribute extracted groundwater to the CGWTP. Ms. Raker asked whether the O&M manual can be submitted in CDs, just the appendices. CD-ROMs will be submitted to those who request them. Access to the website is limited so the document will not be available through the web at this time.

C. North Groundwater Treatment Plant

Mr. Sreenivasan reported that the North Groundwater Treatment Plant (NGWTP) performed at 98.3% uptime. Approximately 3.6 pounds of VOCs were removed during the month of January. Approximately 1.2 million gallons of water were extracted and treated. The average flow for the NGWTP was 27.5 gpm for the month of January. The total mass of VOCs removed since startup of the system is 48 pounds (see Attachment 7).

Mechanical problems that were experienced at the NGWTP last month have been corrected. The soil vapor extraction (SVE) system is not operating because of high groundwater level elevations. The SVE system will be turned on when the water table drops and the extraction well screen is exposed above the water table.

The NGWTP O&M manual response to comments will be submitted to U.S. EPA next week.

D. FT002 Berm Project

Mr. Lucey stated that U.S. EPA reviewed the letter regarding the FT002 Berm Project and concurred with the action.

E. LF008 O&M Manual Review

Mr. Anderson stated that the Air Force has provided responses to the U.S. EPA comments on the draft LF008 O&M Manual. The focus will be on soil actions.

LF008 is not incorporated in the CGWTP O&M Manual. Mr. Brickeen stated that Travis AFB will determine if there is a need for the LF008 O&M Manual.

Mr. Lucey stated that he will review the response to comments and determine if the CGWTP O&M Manual addresses the comments.

F. DP039 Treatability Study Report

This will be discussed in the March 2002 RPM meeting.

G. GSAP Annual Report Review

A meeting will be held after the RPM meeting to discuss the GSAP annual report review.

4. PROGRAM ISSUES UPDATE

A. FY02 Funding

Mr. Brickeen stated that funding is not anticipated until mid-March. There are several contracts waiting to be awarded nationwide. Funding priority will be determined on a “must have” basis.

B. Other

Mr. Brickeen stated that he and Mr. Malsberger will retire in less than one year. Therefore, some of his duties will be shared with the other staff

Wilford Day	– RPM agendas and notifications
Glenn Anderson	– Programming
Tom Sreenivasan	– Restoration Advisory Board

C. Field Activity Reports

Mr. Brickeen distributed the field activity reports from CH2M Hill, GTI, and URS (see Attachments 8, 9, and 10).

**ACTION ITEM LIST
(Action Item Opened)**

AGENDA	RESPONSIBLE	ACTION ITEM	DUE DATE	STATUS
1.	RWQCB	Follow up on the letter from the Air Force in response to the notice of violation for the NGWTP.	Open	Pending
2.	DTSC	Submit “no comment” letters on the Treatment Plant Performance Monitoring Recommendations, WIOU NAAW, CAMU soil acceptance level technical memorandum, groundwater protection technical memorandum, and ST032 technical memorandum.	1/11/01	Pending. To be given next week.
3.	All	Review DP039 data after the GSAP Annual Report is submitted	12/05/01	Pending. (Due date was changed from 24 October 2001 to 13 March 2002.)