

**Travis Air Force Base
Environmental Management
Environmental Management, Building 570, Travis AFB, California
Environmental Restoration Program
Remedial Program Managers Meeting
Meeting Minutes**

15 December 2004, 0930 Hours

Mr. Glenn Anderson, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 15 December 2004 at 0930 in the Base Civil Engineering Conference Room, Building 571, Travis AFB, California. Attendees included:

- Glenn Anderson Travis AFB
- Dale Malsberger Travis AFB
- Tom Sreenivasan Travis AFB
- Wilford Day Travis AFB
- Gregory Parrott 60 AMW/JA
- John Lucey U. S. Environmental Protection Agency (U.S. EPA)
- Elizabeth Allen TechLaw
- Alan Friedman Water Board
- Jose Salcedo Department of Toxic Substances Control (DTSC)
- Chuck Elliott CH2M Hill
- Amir Matin URS
- Eric Rixen Shaw Engineering and Infrastructure (Shaw E&I)

Handouts distributed throughout the meeting included:

- Attachment 1 Meeting Agenda
- Attachment 2 Master Meeting, Teleconference, and Document Schedules
- Attachment 3 SBBGWTP Monthly Data Sheet (November 2004)
- Attachment 4 CGWTP Monthly Data Sheet (November 2004)
- Attachment 5 NGWTP Monthly Data Sheet (November 2004)
- Attachment 6 URS Field Activities, Travis AFB (November 2004)

1. ADMINISTRATIVE

A. Previous Meeting Minutes

The meeting minutes from the October 2004 RPM meeting were approved and finalized.

B. Outstanding Action Items

Mr. Anderson asked if there were any outstanding action items. Discussion took place, and it was determined that there were no outstanding action items from previous meetings.

C. Master Meeting and Document Schedule

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

Travis AFB Master Meeting Schedule

The Travis AFB master meeting schedule was updated to reflect the 2005 meeting schedule.

Travis AFB Master Document Schedule

- Page 1, FT004 Groundwater Interim Remedial Action, Remedial Action Report schedule was established.
- Page 1, LF007C Groundwater Interim Remedial Action, Summary Report schedule was established.
- Page 2, Quarterly Newsletters (for the 27 January 2005) schedule was established.

2. OPERABLE UNIT UPDATE

A. North, East, West, Industrial Operable Unit Record of Decision Plan of Action and Milestones

Mr. Malsberger stated that Air Mobility Command (AMC) and Air Staff reviewed and submitted comments on the pre-draft NEWIOU ROD. Travis AFB is now attempting to address these comments by 10 January 2005.

B. Revised Draft Ecological Technical Memorandum

Mr. Malsberger stated that the revised draft of the Ecological Technical Memorandum was submitted to the agencies on 12 November 2004. Mr. Malsberger stated that the Air Force requested comments by 5 January 2005 and would like to have a response to comments meeting on 12 January 2005. Mr. Malsberger requested that the agencies submit their comments in a timely manner.

3. CURRENT PROJECTS

A. South Base Boundary Groundwater Treatment Plant

Mr. Sreenivasan reported that the South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 94.7% uptime with approximately 6.2 million gallons of groundwater extracted and treated during the month of November 2004. The average flow was 147 gallons per minute (gpm). Approximately 2.0 pounds of volatile organic compounds (VOCs) were removed during November 2004. The total mass of VOCs removed since start-up of the system is 264 pounds (see Attachment 3).

The SBBGWTP experienced two shutdowns during the month of November 2004 due to base power outage.

The motor at EW746x05 malfunctioned and was replaced on 1 December 2004.

No construction water was processed at the SBBGWTP during November 2004.

No optimization activities were planned or performed at this plant during November 2004.

B. Central Groundwater Treatment Plant

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 100% uptime with approximately 3.4 million gallons of groundwater extracted and treated during the month of November 2004. The average flow was 77.5 gpm. Approximately 87 pounds of VOCs (of which 71 pounds are from vapor) were removed during November 2004. The total mass of VOCs removed since start-up of the system is 7,361 pounds (see Attachment 4).

The thermal oxidation system continued to treat soil vapor from the 2-phase well as part of the SS016 focused vapor extraction activities. Quarterly vapor sample will be taken in December to evaluate the rebound study that is ongoing.

The West Treatment and Transfer Plant (WTTP) vacuum blowers remain off line during the rebound study. Rebound sample will be collected in March 2005 to evaluate the restart of the vacuum blowers.

All treated water from the CGWTP is being diverted to the storm sewer.

No optimization activities were planned or performed at this plant during November 2004.

C. North Groundwater Treatment Plant

Mr. Sreenivasan reported that the North Groundwater Treatment Plant (NGWTP) performed at 96.1% uptime with approximately 900,000 gallons of groundwater extracted and treated during the month of November 2004. The average flow was 21.9 gpm. Approximately 19 pounds of VOCs were removed during November 2004 of which 18 pounds were from vapor and less than a pound from groundwater through extraction. The total mass of VOCs removed since the startup of the system is 5,378 pounds (see Attachment 5).

The plant experienced shut downs primarily due to installation of the new extraction system at FT004. In addition, the plant also experienced shutdowns due to base power outage.

All the treated groundwater from the NGWTP was sent to the duck pond for beneficial use.

D. FT004 Enhanced TCE Removal

Mr. Sreenivasan stated that the installation of three new extraction wells was completed in November 2004. The wells were briefly online on 15 November 2004 for the collection of start up samples. Methyl ethyl ketone (MEK) was detected in two of the three extraction wells and the NGWTP influent and effluent samples. The source of the MEK was determined to be the primer and glue used to connect PVC piping during construction activities. Historically, MEK was not detected in these wells.

The extraction wells were purged to drums and additional samples collected from the suspected two wells and the NGWTP influent and effluent on 18 November 2004. MEK was not detected in these samples. Upon regulatory concurrence, the new extraction wells were restarted on 22 November 2004.

E. LF007C Groundwater Interim Remedial Action Summary Report

Mr. Malsberger stated the draft summary report for the LF007C Groundwater Interim Remedial Actions was submitted to the agencies on 24 November 2004. Agencies' comments are due 24 December 2004.

F. Draft SD042 Closeout Report

Mr. Anderson requested that U.S. EPA review the draft SD042 Closeout Report and submit comments via email as soon as possible.

G. SS041 No Further Remedial Action Planned Consensus Statement

Mr. Anderson asked Mr. Lucey if he had the opportunity to have U.S. EPA's attorney review this document. Mr. Lucey stated that he has talked with Ms. Suzette Leith; however, he has not been able to finalize comments at this time.

Mr. Lucey asked for clarification on the contamination at SS041. He also asked if there will be a No Further Action consensus statement for the groundwater at SS041. Mr. Anderson stated that soil work at SS041 was completed and met residential cleanup levels, and non-detects for groundwater have occurred for several years. The consensus statement applies to the entire site and not to only soil or groundwater.

Mr. Lucey asked why can't the Air Force close out SS041. Mr. Anderson explained that SS041 cannot be closed because the Air Force does not have a groundwater ROD at this time. The consensus statement documents the No Further Action status of the site until the Basewide Groundwater ROD is signed. The groundwater remedy for SS041 in the Basewide Groundwater ROD will be no further action; this will close out SS041.

H. Land Use Control Inspection and Report for 2004

Mr. Anderson stated that in accordance with the WABOU Soil ROD, the Land Use Control Inspection and Report for 2004 will be completed by 30 January 2005.

4. PROGRAM ISSUES UPDATE

A. Program Plans and Schedules

Mr. Anderson stated that no funds have been received. Travis AFB is in the process of submitting documentation to AMC for funding for FY2005 projects.

B. Field Activity Reports

Mr. Anderson distributed the field activity reports from URS (see Attachment 6).

C. Action Items

No action items.