

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

**12 January 2005, 0930 Hours**

Mr. Mark Smith, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 12 January 2005 at 0930 in the Base Civil Engineering Conference Room, Building 570, Travis AFB, California. Attendees included:

- Mark Smith Travis AFB
- 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. Environment Protection Agency (U.S. EPA)
- Elizabeth Allen TechLaw
- Alan Friedman Water Board
- Jose Salcedo Department of Toxic Substances Control (DTSC)
- Mike Wray 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 (December 2004)
- Attachment 4 CGWTP Monthly Data Sheet (December 2004)
- Attachment 5 NGWTP Monthly Data Sheet (December 2004)
- Attachment 6 URS Field Activities, Travis AFB (December 2004)

**1. ADMINISTRATIVE**

**A. Previous Meeting Minutes**

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

## **B. Master Meeting and Document Schedule**

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

### **Travis AFB Master Document Schedule**

- Page 1, North/East/West Industrial Operable Unit (NEWIOU) Soil/Sediment/Surface Water Record of Decision (ROD) draft to agencies and Restoration Advisory Board members due dates were changed to 10 February 2005 and the agency comments due date was changed to 11 April 2005.
- Page 2, Groundwater Sampling Analysis Program (GSAP) Annual Report schedule was updated.
- Page 2, Operation and Maintenance (O&M) Manual North Groundwater Treatment Plant (NGWTP), Revision 2 schedule was established.
- Page 4, Quarterly Groundwater Treatment Plants Annual Reports for Fiscal Year 2005 was established.

## **2. OPERABLE UNIT UPDATE**

### **A. North, East, West, Industrial Operable Unit Plan of Action and Milestones**

#### **1. Revised Draft Ecological Technical Memorandum**

Mr. Malsberger stated that the revised draft Ecological Technical Memorandum comments were due on 5 January 2005.

Mr. Salcedo stated that Mr. Mike Anderson will complete his comments by 14 January 2005. Mr. Friedman stated that he will submit his comments by the middle of next week, and Mr. Lucey stated that he will submit his comments by 14 January 2005.

Mr. Malsberger requested that Mr. Lucey focus his comments on the end results.

Mr. Malsberger stated that he will schedule a response to comments meeting or conference call, if necessary.

#### **2. Draft Record of Decision**

Mr. Malsberger stated that the Air Force is resolving comments from Air Mobility Command (AMC) and Air Staff on the internal draft of the ROD. Once these comments have been resolved and the draft has been completed, the draft ROD will be issued to the agencies.

A summary table giving the proposed remedies was submitted to the agencies per their request. Mr. Malsberger asked if the agencies had any issues with the remedies. Mr. Lucey stated that the summary report appears to be appropriate; however, U.S. EPA may have comments. Mr. Friedman stated that RWQCB would not have any major comments; however, if he has questions he will call Mr. Malsberger. Mr. Salcedo stated that he does not have any major problems with the summary; however, the draft ROD will be reviewed by his legal colleagues.

Mr. Malsberger stated that Travis AFB received approximately 101 comments from Air Staff. AMC is now in the process of reviewing Travis AFB's response to comments.

Mr. Salcedo asked had anything changed with Air Staff since the WABOU ROD. Mr. Malsberger stated yes. The review of this ROD is by a different group of people than the ones who reviewed the WABOU ROD.

Ms. Allen and Mr. Lucey asked if the cost reimbursement for the state be an issue in this ROD. Mr. Salcedo stated most likely. Mr. Parrott added that this is an issue that may affect ours and other RODs and is being reviewed by the Air Force legal community.

Mr. Lucey stated that the Water Board's Regional Administrator will be meeting with DTSC and Ms. Maureen Koetz to resolve issues in hopes of avoiding the number of disputes.

### **3. Other**

Mr. Lucey stated that the U.S. EPA will expect to see issues such as land use controls, indoor air quality, and human health risk assessment addressed in the ROD with agreed upon language.

Mr. Lucey's concern is the issue of protecting the indoor air during the interim period up to the time that the final Groundwater ROD will be issued. The ROD should explain what is in place and what is being done to ensure protection. This can be accomplished by including paragraphs in the ROD that will summarize what will be done and what is in place.

Mr. Malsberger stated that the ROD will have land use control and indoor air sections. This will be in the draft for review and comments.

Mr. Smith stated that any issue of indoor air will delay the ROD; he would like to keep it separate from the ROD and still have a workable agreement as to how to address the issue.

Mr. Lucey stated that there are multiple issues in the arena of disputes and indoor air will be one of them. It is his opinion that it cannot be separated from the ROD. There may need to be “agree to disagree” language.

Mr. Smith stated that it is his hope is that the ROD can be signed in 2005 in order to begin field work in 2006.

### **3. CURRENT PROJECTS**

#### **A. South Base Boundary Groundwater Treatment Plant**

Mr. Sreenivasan reported that the SBBGWTP performed at 97.7% uptime with approximately 6.4 million gallons of groundwater extracted and treated during the month of December 2004. The average flow rate for the SBBGWTP was 147 gallons per minute (gpm). Approximately 3.0 pounds of VOCs were removed during December 2004. The total mass of VOCs removed since startup of the system is approximately 267 pounds (see Attachment 3).

The SBBGWTP experienced one shutdown during the month of December 2004 due to power outage.

The motor at EW746x05 was replaced and went online on 9 December 2004.

No construction water was processed through SBBGWTP during December 2004.

No optimization activities were planned or performed at the SBBGWTP during December 2004.

#### **B. Central Groundwater Treatment Plant**

Mr. Sreenivasan reported that the CGWTP performed at 97.5% uptime with approximately 3.6 million gallons of groundwater extracted and treated during the month of December 2004. The average flow rate for the CGWTP was 81.3 gpm. Approximately 82 pounds of VOCs (of which 64 pounds were from vapor) were removed during December 2004. The total mass of VOCs removed since startup of the system is 7,443 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 collected in December indicated an increase in TCE concentrations from 29 pounds per million by volume (ppmv) in September to 54 ppmv in December. Recent concentrations continue to indicate TCE in the vicinity of the 2-phase well. Therefore, focused extractions will continue at this well and samples will be collected in March 2005 as the quarterly sample.

The West Treatment and Transfer Plant (WTTP) vacuum blowers remained off line during the rebound study. Rebound samples will be collected in March 2005 (semi-annual frequency).

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

No optimization activities were planned or performed at CGWTP during December.

**C. North Groundwater Treatment Plant**

Mr. Sreenivasan reported that the North Groundwater Treatment Plant (NGWTP) performed at 78.8% uptime with approximately nine hundred gallons of groundwater extracted and treated during the month of December 2004. The average flow for the NGWTP was 24.6 gpm. Approximately 4.5 pounds of VOC were removed during June 2004 of which three pounds were removed from vapor and one pound was removed from groundwater through extraction. The total mass of VOCs removed since startup of the system is 5,384 pounds (see Attachment 5).

The NGWTP experienced one shutdown primarily due to the failure of the main eductor pump. A new pump was ordered and installed.

The soil vapor extraction system was taken off line on 8 December 2004 due to high water levels rising above the well screens. The system will remain off line until late spring of 2005.

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

**D. Draft LF007C Groundwater Interim Remedial Action Summary Report**

Mr. Malsberger stated that there were no comments on the draft and the final will be issued next week. Mr. Malsberger will submit the final as a CD-ROM and/or coversheet as requested by each agency.

**E. Draft SD042 Closeout Report**

Mr. Anderson stated that he is waiting for an email from Mr. Lucey on the draft SD042 Closeout Report. Mr. Lucey stated that he is going to submit a paragraph explaining the purpose of the document to Mr. Anderson.

**F. Land Use Control Inspection and Report for 2004**

Mr. Anderson stated that the Land Use Control Inspection was completed in December 2004. The report will be submitted to the agencies electronically via email within two weeks.

Mr. Salcedo stated that the state is required to make a database of all parcels that have a land use control.

**Note:** Mr. Smith stated that the U.S. EPA will receive a reply from the Air Force to their response to the 2003 Land Use Report. The Vice-Wing Commander has asked about the reply and the coordination with AMC.

#### **4. PROGRAM ISSUES UPDATE**

Mr. Smith stated that the program submittal (listing all FY05 projects) has been sent to AMC and Travis AFB is waiting for validation of the project funding. Funds have been received for supplies and TDY. Mr. Smith does not anticipate any problems.

AMC is conducting another project review (restructuring) for FY2006 through FY2014. AMC is interested in reviewing the Travis AFB program and cost. AMC will then compare this information to all other AMC bases and prioritize. Mr. Smith will be at Scott AFB at the end of January 2005 presenting a proposal to complete all Travis AFB's soil actions by 2006.

#### **5. OTHER**

- Mr. Lucey asked about the optimization effort. Mr. Smith stated that the team submitted a draft report for review. Travis AFB commented and sent back the report. Essentially, there was not anything new. AMC will review and pass direction to Travis AFB that may be incorporated into future performance based contracts.

Mr. Smith commented that performance-based contracting may not take place this year.

- Mr. Salcedo asked about the DP039 laboratory results. Mr. Anderson stated that the Air Force is waiting for the results.
- Mr. Lucey asked if there were impact to the berms from the rain. Mr. Anderson stated that there were no impacts. The berms are essentially made of concrete; the flow is slow and is not moving sediment.
- Mr. Lucey asked about the CAMU. Mr. Rixen stated that he inspected the CAMU on 31 December 2004. The vegetation is doing well and has returned since the summer. The instruments are working fine; however, there was a problem with the surface rain gauge. This was corrected. There is stressed vegetation on top because of the betonite in the soil; however, there are no problems with erosion. A report will be submitted to the Air Force.

Mr. Anderson commented that the vegetation is much more established.

Mr. Lucey asked if the heavy rainfall impacted the CAMU at all. Mr. Rixen stated that more water has reached the sump because of the cracks; however, it should slowdown during January and February 2005. It is approximately 0.2 inches, which is well within the 1-inch a year design parameters.

- There was a discussion regarding the use of technical impracticality waivers for contaminated groundwater at other locations. Mr. Malsberger requested that the agencies to keep Travis AFB informed on the status of technical infeasibility waivers because it could have an affect on the future Groundwater ROD at Travis

## **5. Field Activity Reports**

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