

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

**13 October 2004, 0930 Hours**

Mr. Mark Smith, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 13 October 2004 at 0930 in the Base Civil Engineering Conference Room, Building 571, 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
- Elizabeth Allen TechLaw
- Alan Friedman Water Board
- Jose Salcedo Department of Toxic Substances Control (DTSC)
- Chuck Elliott CH2M Hill
- Mike Wray CH2M Hill
- Amir Matin URS
- Eric Rixen Shaw Engineering and Infrastructure (Shaw E&I)
- Brian Garber 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 (September 2004)
- Attachment 4 CGWTP Monthly Data Sheet (September 2004)
- Attachment 5 NGWTP Monthly Data Sheet (September 2004)
- Attachment 6 URS Field Activities, Travis AFB (September 2004)

**1. ADMINISTRATIVE**

**A. Previous Meeting Minutes**

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

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

There are no changes to the Travis AFB Master Meeting, Teleconference, and Document Schedules (see Attachment 2).

Mr. Smith stated that the pre-draft of the North, East, West, Industrial Operable Unit (NEWIOU) Record of Decision (ROD) has been submitted to and is being reviewed by Air Staff. There is a high probability that Air Staff will make comments, which will delay the submittal date of 3 December 2004 to the agencies. Mr. Smith proposed that the FFA schedule be postponed until after the Air Staff's review. The agencies agreed.

Mr. Anderson reported the *Guardian* will be distributed this week.

## **2. OPERABLE UNIT UPDATE**

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

Mr. Malsberger stated that the pre-draft NEWIOU ROD is being reviewed internally by Air Mobility Command (AMC) and Air Staff. Travis AFB has requested for an accelerated review; however, this is unlikely. Mr. Smith commented that a 3-Star General must sign the ROD for the Air Force.

#### **1. Ecological Technical Memorandum**

Mr. Malsberger stated that the Air Force is completing the revised draft of the Ecological Technical Memorandum. URS is actively attempting to have this document completed by early November 2004.

#### **2. Union Creek Sampling**

Mr. Malsberger stated that the sampling results for Union Creek were received; however, the laboratory is reanalyzing the PAHs results for one tissue sample.

#### **3. Human Health Technical Memorandum**

Mr. Malsberger stated that the Human Health Technical Memorandum was issued to the agencies on 5 October 2004.

#### **4. Draft Final Soil Remedial Designs for FT003**

Mr. Malsberger stated that the draft final Soil Remedial Design for FT003 was issued to the agencies on 29 September 2004. This document will not be finalized until the ROD has been signed and agreement has been reached on the cleanup levels.

### 3. CURRENT PROJECTS

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

Mr. Sreenivasan reported that the South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 100% uptime with approximately 4.7 million gallons of groundwater extracted and treated during the month of September 2004. The average flow was 137 gallons per minute (gpm). Approximately 2.0 pounds of volatile organic compounds (VOCs) were removed during September 2004. The total mass of VOCs removed since start-up of the system is 260 pounds (see Attachment 3).

The SBBGWTP experienced no shutdown during the month of September 2004.

Approximately 4,000 gallons of hydrant pit water was processed through this plant during September 2004.

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

#### B. Central Groundwater Treatment Plant

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 100% uptime with approximately 3.2 million gallons of groundwater extracted and treated during the month of September 2004. The average flow was 74.7 gpm. Approximately 85 pounds of VOCs (of which 69 pounds are from vapor) were removed during September 2004. The total mass of VOCs removed since start-up of the system is 5,587 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 taken this month indicates an increase from 18 to 29 parts per million by volume (ppmv) between June and September 2004. Focused extraction will continue at the 2 phase well and samples will be collected and analyzed in December 2004.

The West Treatment and Transfer Plant (WTTP) vacuum blowers remain off line during the rebound study. Rebound sample collected this month showed the vapor contaminant rebound is minimal at the WTTP as total VOC concentrations are at the similar levels seen prior to taking the blowers off line. Samples collected in September 2004 showed that TCE was detected at 120 parts per billion by volume (ppbv). (Previous samples collected in September 2003 and March 2004 provided TCE values of 110 and 43 ppbv.) The blowers will remain off line and rebound samples will be taken and analyzed in March 2005 (semiannual frequency).

Approximately 1.27 million gallons of the 3.23 million gallons of the treated water from this plant was used for irrigation this month. The remainder was discharged to the storm drain.

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

**C. North Groundwater Treatment Plant**

Mr. Sreenivasan reported that the North Groundwater Treatment Plant (NGWTP) performed at 80.3% uptime with approximately three quarter of a million gallons of groundwater extracted and treated during the month of September 2004. The average flow was 21.4 gpm. Approximately 15 pounds of VOCs were removed during September 2004 of which 14 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 5,359 pounds (see Attachment 5).

The plant experienced shut downs primarily due to the air stripper (sump float, and transfer pump) components malfunctioning and the Travis AFB's related power outages during the month of September 2004.

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

**D. FT004 Enhanced TCE Removal**

Mr. Sreenivasan stated that the planned three extraction wells have been installed and developed. The trenching for the piping is complete. The project is on schedule with the completion slated for the end of October.

**E. LF007C Groundwater Interim Remedial Action**

Mr. Malsberger stated the draft summary report for the LF007C Groundwater Interim Remedial Actions is being developed. The draft report will be submitted within two weeks to the agencies.

**F. Draft SD042 Closeout Report**

Mr. Anderson requested that the agencies review the draft SD042 Closeout Report and submit comments via email as soon as possible. Mr. Anderson also requested that the agencies not send this report to their management until it has been approved by the Air Force.

**G. SS041 No Further Remedial Action Planned Consensus Statement**

Mr. Anderson stated that the soil work at SS041 was completed and met residential cleanup levels, also non-detects for groundwater has occurred for several years.

All active cleanups have been completed. The Air Force has developed a No Further Remedial Action Plan Consensus Statement for SS041, which was submitted to the agencies via email. Mr. Anderson requested that the agencies review the consensus statement for approval and submit their comments or approval via email.

**H. DP039 Optimization Project**

Mr. Anderson stated that an email was submitted to the agencies giving detailed information on the next field work round. After today's meeting a map of the site will be reviewed, and the results of the haloprobe report will be presented.

**4. PROGRAM ISSUES UPDATE**

**A. Land Use Control Response Status**

Mr. Smith stated that he has a historical summary of events that have taken place from the time the land use control report was issued. The majority of time has been taken at the Air Staff level. The flight chief has signed the response to the U.S. EPA's comments and has submitted it to the Base Civil Engineer (BCE).

The next steps are to send the response to the U.S. EPA's comments to the Mission Support Commander, the Director of Staff, and finally the Vice Wing Commander. The response should be completed in approximately 2 weeks.

**B. Program Plans and Schedules**

Mr. Smith stated that Mr. Lucey requested a program schedule. Mr. Smith stated that the program schedule has evolved into a historical and future document and should be completed by the end of October 2004.

**C. Remedial Process Optimization**

Mr. Smith stated that a Remedial Process Optimization Report is being developed and recommendations will be made for performance-based contracts.

By June 2005, the remedial actions efforts will be under performance-based contracts.

**D. Field Activity Reports**

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

**5. ACTION ITEM REVIEW**

There were no new action items.