

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

**10 August 2005, 0930 Hours**

Mr. Mark Smith, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 10 August 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
- Tom Sreenivasan Travis AFB
- Wilford Day Travis AFB
- Dale Malsberger Travis AFB
- Gregory Parrott Travis AFB
- Julia Tseng Travis AFB (Intern)
- Jeffrey Flanagan Travis AFB (Intern)
- John Lucey U.S. Environmental Protection Agency (U.S. EPA)
- Sheryl Lauth U.S. EPA
- Suzette Leith U.S. EPA
- Jose Salcedo Department of Toxic Substances Control (DTSC)
- Alan Friedman Regional Water Quality Control Board (Water Board)
- Amir Matin URS
- John McGuire Shaw Engineering and Infrastructure (Shaw E&I)
- Mike Wray CH2M Hill
- Chuck Elliott CH2M Hill

Handouts distributed throughout the meeting included:

- Attachment 1 Meeting Agenda
- Attachment 2 Master Meeting, Teleconference, and Document Schedules
- Attachment 3 SBBGWTP Monthly Data Sheet (July 2005)
- Attachment 4 CGWTP Monthly Data Sheet (July 2005)
- Attachment 5 NGWTP Monthly Data Sheet (July 2005)
- Attachment 6 URS Field Activities, Travis AFB (July 2005)

## 1. ADMINISTRATIVE

### A. Introduction

### B. Previous Meeting Minutes

The meeting minutes from the June 2005 RPM meeting were distributed for approval and finalization. Mr. Smith requested that comments be submitted via email.

### C. Master Meeting and Document Schedule

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

#### **Travis AFB Annual Meeting and Teleconference Schedule**

— No Changes

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

- Page 1, North, East, West Industrial Operable Unit (NEWIOU) Soil/Sediment/Surface Water Record of Decision (ROD) schedule has been left at “to be determined” (TBD). U.S. EPA requested that Travis AFB provide dates in lieu of “TBD” and stated that the Federal Facilities Agreement (FFA) allows for the determination of dates beyond the draft.
- Page 3, Quarterly Newsletter Schedule for October 2005 was updated.
- Page 4, Groundwater Sampling Analysis Program (GSAP) Annual Report was moved to the historical section.

**Note:** Mr. Sreenivasan will provide a new schedule for the 2006 GSAP to be included in the document schedule.

## 2. OPERABLE UNIT UPDATE

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

#### 1. Ecological Technical Memorandum Response to Comments

Mr. Malsberger stated that agreement was reached between Travis AFB, the regulatory agencies, and risk assessors. Travis AFB is now in the process of finalizing the Ecological Technical Memorandum (tentatively scheduled to be submitted early September 2005).

#### 2. Revised Draft Record of Decision

Mr. Malsberger stated that the revised draft record of decision (ROD) is being developed. This document will include the changes that resulted from the Ecological Technical Memorandum and agencies comments. (The Air Force’s response to the agencies comments were sent out

9 August 2005). Mr. Lucey commented that the Ecological Technical Memorandum schedule does not affect the ROD schedule.

Ms. Leith asked if the Air Force perceives any serious issues. Mr. Parrott stated that land use controls may be problematic even though Travis AFB used the exact language mandated by Department of Defense (DOD). This issue will have to be resolved by DOD and U.S. EPA headquarters.

Ms. Leith stated that U.S. EPA will need to discuss internally the response to comment on the small arm range. On the last ROD there was some "agree to disagree" language, so it would seem like we would have this same language here. Ms. Leith asked if the Air Force is maintaining its position that the pesticide sites are not a CERLCA release. If so, we may also have language to agree to disagree.

Mr. Lucey stated that the last ROD had this language (agree to disagree) and that he is still in the process of reviewing the document.

Mr. Malsberger indicated that the schedule for the public comment period depends on agreement on the selected remedy for all sites. Ms. Leith asked if there were any outstanding issues holding up concurrence on selected remedies. Mr. Smith said that the only issue was how to handle WP017. The issue was the risk to ecological receptors. Although there was agreement that excavation as part of the ROD was not necessary, it was not clear if the decision needed to be tied to the planned future demolition of the oxidation ponds. The base has the demolition of the ponds planned as part of the normal base planning process which removes old, unused facilities so that areas will be available for future use.

Ms. Lauth asked if there was sufficient information to make a decision regarding the site. After discussion of the ecological risk at the site, the RPMs agreed on a risk-management-decision that the contamination at WP017 does not present an unacceptable ecological risk and the selected remedy for WP017 would be "No Action" and not tied to base demolition plans.

### **3. CURRENT PROJECTS**

#### **A. CAMU Lysimeter Drain Repair**

Mr. Malsberger stated that Travis AFB will conduct a repair on the CAMU lysimeter drain in late August 2005. An exact date will be provided to the agencies in order to have the opportunity to observe the repairs.

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

Mr. Sreenivasan reported that the South Base Boundary Treatment Plant (SBBGWTP) performed at 100% uptime with approximately 4.9 million gallons of groundwater extracted and treated during the month of July 2005. The average flow rate for the SBBGWTP was 110 gallons per minute (gpm). Approximately

2.0 pounds of volatile organic compounds (VOCs) were removed during July 2005. The total mass of VOCs removed since startup of the system is approximately 283 pounds (see Attachment 3).

There was no plant shutdown during the month of July 2005.

No construction water was processed through SBBGWTP during July 2005.

No optimization activities were planned or performed at the SBBGWTP during July 2005.

### **C. Central Groundwater Treatment Plant**

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 80% uptime with approximately 3.3 million gallons of groundwater extracted and treated during the month of July 2005. The average flow rate for the CGWTP was 88.5 gpm. Approximately 70 pounds of VOCs (of which 49 pounds were from vapor) were removed during July 2005. The total mass of VOCs removed since startup of the system is 8,770 pounds (see Attachment 4).

Multiple shutdowns of the thermal oxidation (Th/Ox) system occurred during July 2005 due to alarm failures at the burner. A complete overhauling of the system took place by disassembling the system, repairing the burner and reassembling the system, which resulted in longer downtime.

There were also power failures, UV/OX lamp replacement, and the hydrogen peroxide pump failure contributed to substantial downtime at the CGWTP.

The Th/Ox continued to treat soil vapor from the 2-phase well as part of the SS016 focused vapor extraction activities. Quarterly vapor sample collected in June 2005 indicated a decrease in TCE concentrations from 280 pounds per million by volume (ppmv) by volume in March 2005 to 78 ppmv in June 2005. 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 September 2005 as the quarterly sample.

The West Treatment Transfer Plant (WTTP) vacuum blowers remain off line during the rebound study. Recent samples indicate a decrease in TCE concentrations from 120 pounds per billion by volume (ppbv) (9 September 2004) to 26 ppbv (March 2005). Previous samples collected during the rebound study have shown TCE concentrations to be at 39 ppbv (June 2003), 110 ppbv (September 2003), and 48 ppbv (March 2004). Due to very little changes in the contaminant concentrations in the vapor stream, the WTTP blowers will remain off line. The blowers will be properly maintained during this period for ready use as needed. The next semi annual sample will be collected and analyzed in September 2005.

Approximately 1 million gallons of treated water from this plant was used for irrigation and the rest was diverted to the storm drain.

No optimization activities were planned or performed at this plant during July 2005.

**D. North Groundwater Treatment Plant**

Mr. Sreenivasan reported that the NGWTP performed at 94% uptime with approximately 1.3 million gallons of groundwater extracted and treated during the month of July 2005. The average flow for the NGWTP was 31.0 gpm. Less than a pound of VOC was removed during July 2005 which was from groundwater. The total mass of VOCs removed since startup of the system is 5,390 pounds (see Attachment 5).

Initial startup of the vapor extraction system was tried on 26 July 2005. However, the sediment from the vapor wells clogged the NGWTP system components causing the system to shutdown a few times. Further attempts will be made in August 2005 for a trouble-free operation.

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

**E. Creed Road Monitoring Wells Abandonment Project**

The four monitoring wells that were located near the Creed Road in the Solano County Property were successfully abandoned in accordance with the procedures outlined in the State of California Water Well Standards Bulletins 74-81 and 74-90. The County Inspector inspected the site after the completion of the project and was fully satisfied with the field work and complimented both the Air Force and the contractor (CH2M Hill) for a job well done.

The draft report of this project has been reviewed and the final report will be distributed to the agencies by the end of August 2005.

**F. SD042 Closeout Report**

Mr. Anderson announced that the SD042 Closeout Report has been completed.

**G. SS041 No Further Remedial Action Planned (NFRAP) Report**

Mr. Anderson stated that Travis AFB submitted the SS041 NFRAP Report (consensus statement) to the agencies for review. Input was received from the Water Board and DTSC. Mr. Anderson asked Mr. Lucey if he would review the report and provide feedback.

Mr. Lucey asked Mr. Anderson to resend the report.

#### **H. Phytostabilization Report Review**

Mr. Anderson stated that Travis AFB submitted the draft final Phytostabilization Report to the agencies for review. DTSC and the Water Board requested an additional two weeks for their review; U.S. EPA requested an additional 30 days.

Mr. Friedman asked about the possibility of expanding the phytostabilization project. Mr. Anderson stated that the decision would be made by Travis AFB.

It was agreed that the Phytostabilization Report will be added to the document schedule.

#### **I. DP039 Field Work**

Mr. Anderson stated that he will brief the regulators on the field work data (nature of the groundwater plume, soil gas sample results, and possibly determine optimization methods) after today's RPM meeting.

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

#### **A. Regional Optimization Contract**

Mr. Smith stated that the regional optimization contract will affect interim remedial action operations (IRA-O) and long-term monitoring operations (groundwater treatment and groundwater sampling). The contractor for the ecological portion has been selected and will be awarded in 15 September 2005. The 4PAE contractor has not been finalized; however, the contract will be awarded on 15 September 2005. Travis AFB does expect any interruptions in the IRA-O processes.

#### **B. Performance Based Management**

Mr. Smith stated that AMC will be at Travis AFB on the week of 22 August 2005 to look for opportunities to provide their services.

Currently, there are no funding issues. Projects for FY06 and FY07 have been developed and will be submitted to AMC for validation by the end of this week.