

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

12 October 2005, 0930 Hours

Mr. Mark Smith, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 12 October 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
- John Lucey U.S. Environmental Protection Agency (U.S. EPA)
- Jose Salcedo Department of Toxic Substances Control (DTSC)
- Alan Friedman California Regional Water Quality Control Board (CRWQCB)
- Amir Matin URS
- John McGuire Shaw Engineering and Infrastructure (Shaw E&I)
- Steven Mitchell EQM

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 2005)
- Attachment 4 CGWTP Monthly Data Sheet (September 2005)
- Attachment 5 NGWTP Monthly Data Sheet (September 2005)
- Attachment 6 URS Field Activities, Travis AFB (September 2005)

1. ADMINISTRATIVE

A. Introduction

B. Previous Meeting Minutes

The meeting minutes from the September 2005 RPM meeting were approved and finalized.

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 updated based on comments received from the U.S. EPA.

2. OPERABLE UNIT UPDATE

A. NEWIOU Soil, Sediment, and Surface Water Record of Decision

1. Revised Draft Record of Decision

Mr. Malsberger stated that the Revised Draft ROD was sent to Air Mobility Command (AMC) who quickly reviewed it and forwarded it on to Air Staff for review and comment. AMC did not have any comments. (Travis AFB expects to have the revised Draft ROD returned sooner than scheduled.)

Mr. Lucey submitted his signed letter for EPA comments on the Draft NEWIOU ROD.

2. Schedule to Complete

Mr. Malsberger stated that the schedule has been updated based on U.S. EPA's comments.

Mr. Malsberger stated that the fact sheet has been delayed; however, it will not impact the schedule for the public comment period.

3. CURRENT PROJECTS

A. South Base Boundary Groundwater Treatment Plant

Mr. Sreenivasan reported that the South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 88% uptime with approximately 4.6 million gallons of groundwater extracted and treated during the month of September 2005. The average flow rate for the SBBGWTP was 122 gallons per minute (gpm). Approximately 2.0 pounds of volatile organic compounds (VOCs) were removed during September 2005. The total mass of VOCs removed since startup of the system is approximately 287 pounds (see Attachment 3).

There was one plant shutdown during the month of September 2005, which was due to the Air Stripper transfer pump failure. The mechanical seal on air stripper transfer pump was shot. This happened during the long Labor Day weekend. The seal was replaced after the weekend and the pump was restarted and monitored.

Approximately 3,500 gallons of hydrant pit water was processed at this plant in September, 2005.

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

B. Central Groundwater Treatment Plant

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 88% uptime with approximately 2.7 million gallons of groundwater extracted and treated during the month of September 2005. The average flow rate for the CGWTP was 71.8 gpm. Approximately 96 pounds of VOCs (of which 85 pounds were from vapor) were removed during September 2005. The total mass of VOCs removed since startup of the system is 8,952 pounds (see Attachment 4).

Multiple shutdowns of the ultra-violet oxidation (UV/Ox) system occurred during August 2005 due to wiper assembly failures. Cleaning of the lamp assemblies and the replacement of the wiper assembly resulted in longer downtime.

There were also power failures and PLC related issues which affected the operation of the CGWTP and the West Treatment Transfer Plant (WTTP).

The WTTP remained shutdown due to Variable Frequency Drive (VFD) failure.

The thermal oxidation (Th/Ox) system continued to treat soil vapor from the 2-phase well as part of the SS016 focused vapor extraction activities. Quarterly vapor samples collected in June indicated a decrease in TCE concentrations from 280 ppmv by volume in March 2005 to 78 ppmv in June. Recent concentrations continue to indicate TCE in the vicinity of the 2-phase well is decreasing. Therefore, focused extractions will continue at this well and samples will be collected in October 2005 as the quarterly sample.

The WTTP vacuum blowers remain off line during the rebound study. Recent samples indicate a decrease in TCE concentrations from 120 parts per billion by volume (ppbv) (September 2004) to 36 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 October 2005.

Approximately 1.1 million gallons of treated water from this plant was used for irrigation during this month and the rest was diverted to the storm drain.

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

Mr. Sreenivasan stated that beginning 1 October 2005, Travis AFB ERP will not have any contract to maintain reuse of reclaimed water for irrigation in the 200 Area. This is at the direction of AMC.

C. North Groundwater Treatment Plant

Mr. Sreenivasan reported that the North Groundwater Treatment Plant (NGWTP) performed at 80% uptime with approximately 1 million gallons of groundwater extracted and treated during the month of September 2005. The average flow for the NGWTP was 30 gpm. Approximately 1 pounds of VOC was removed during September 2005 which is very small and was due to the vapor extraction system blower failure. The total mass of VOCs removed since the startup of the system is 5,394 pounds (see Attachment 5).

There were other shutdowns caused primarily by the intermittent power failures.

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

D. SS041 No Further Remedial Actions Planned (NFRAP) Consensus Statement

Mr. Lucey and Mr. Anderson agreed to work on the SS041 No Further Remedial Actions Planned Consensus Statement after the RPM meeting is concluded.

E. Phytostabilization Report Review

Mr. Anderson stated that the contract is now closed, the Phytostabilization Report has been submitted, and Travis AFB is working on a contract to conduct the field work that is described in the report.

F. DP039 Field Work

Mr. Anderson stated the vapor samples were collected for five days and the system has been shut down for 30 days. The purpose of the sampling was to assist in making remedial decisions and to ensure that Travis AFB is not violating any air quality regulations.

Mr. Anderson stated that the blower system was shut down for 2 hours during the startup period. The shutdown was not related to the WTTP; it was due to an equipment problem that took place at the CGWTP.

4. PROGRAM ISSUES UPDATE

A. Funding

Mr. Smith stated that all of FY05 funds were obligated in a timely manner. Funds for FY06 and FY07 have been requested and the projects have been validated. AMC is attempting to have FY06 funds awarded by March 2006.

B. Regional Contract

Mr. Smith introduced the ECOS contractor, Mr. Steve Mitchell of EQM. The kickoff meeting for the ECOS contract was held on 19 September 2005. Mr. Smith welcomed Mr. Mitchell to the team and thanked Mr. Martin for his assistance during the transition.

C. Restoration Advisory Board

Mr. Smith reminded all that the Restoration Advisory Board is scheduled for 27 October 2005.

D. Holiday Leave Schedule

Mr. Friedman stated that he would most likely not be available for the teleconference on 16 November 2005.

E. Other

Mr. Lucey expressed concerns about the existing remedial investigation (RI) data and potential data gaps.

Mr. Lucey also expressed concern about the response to comments on the Groundwater Sampling and Analysis Program (GSAP), such as a request to have a section in the report that will discuss data gaps and potential hot spots.

Mr. Lucey stated that he is part of a triad investigation at March AFB. He stated that it is a similar situation in that it is an ARB (Air Reserve Base) and it has a large quantity of old RI data with existing data gaps. March AFB has been able to obtain funding from ILEVR to assess the data gaps.

Mr. Lucey would like to find out who is the point of contact at ILEVR and requested that Mr. Smith determine if Travis AFB can obtain funding for this purpose.

Mr. Smith stated that he would first meet with his staff to determine if there are existing data gaps and if so, what would be the best approach.

ACTION ITEM LIST
(Action Items Closed)

AGENDA	RESPONSIBLE	ACTION ITEM	DUE DATE	STATUS
1.	Air Force	To update and revise NEWIOU ROD Schedule based on U.S. EPA's comments.		The NEWIOU ROD schedule was updated based on U.S. EPA's comments. Completed. Item Closed.
2.	Air Force	Email the NEWIOU ROD changes to the U.S. EPA.		Completed. Item Closed.
3.	Air Force	To provide a GANTT chart for current and outyear projects.		Completed. Item Closed. (Mr. Smith will provide periodic ongoing updates.)
4.	DTSC	To inform the Air Force of any additional legal comments to the NEWIOU ROD.	9/16/2005	There were no new comments. Completed. Item Closed.
5.	U.S. EPA	To review paragraph in the NEWIOU ROD on PRGs		Completed. Item Closed.
6.	U.S. EPA	To review and provide comments to SS041 NFRAP report.		Mr. Lucey will further discuss this report with Mr. Anderson today. Completed. Item Closed.
7.	U.S. EPA	To submit written comments on the Phytostabilization Report.		Completed. Item Closed.
8.	Water Board	To provide an update on the status of the Potrero Hills Water Board order.		Mr. Friedman stated that the rescission date for the Potrero Hill Water Board order is undeterminable. Completed. Item Closed.

ACTION ITEM LIST
(Action Items Opened)

AGENDA	RESPONSIBLE	ACTION ITEM	DUE DATE	STATUS
1.	Agencies	To provide comments on Basewide Groundwater ROD Schedule.		Ongoing.
2.	U.S. EPA	To review the status of the Potrero Hills Water Board order rescission date for comments.		New Item.