

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

11 May 2005, 0930 Hours

Mr. Mark Smith, Travis Air Force Base (AFB), conducted the Remedial Program Managers (RPM) meeting held on 11 May 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
- Wayne Williams Travis AFB
- Jose Salcedo Department of Toxic Substances Control (DTSC)
- Alan Friedman Regional Water Quality Control Board (Water Board)
- Amir Matin URS
- Adam Harvey URS
- Kate Anthony URS
- Eric Rixen Shaw Engineering and Infrastructure (Shaw E&I)
- Mike Wray 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 (April 2005)
- Attachment 4 CGWTP Monthly Data Sheet (April 2005)
- Attachment 5 NGWTP Monthly Data Sheet (April 2005)
- Attachment 6 URS Field Activities, Travis AFB (April 2005)

1. ADMINISTRATIVE

A. Introduction

B. Previous Meeting Minutes

The meeting minutes from the April 2005 RPM meeting were corrected, 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

- Page 1, The July Restoration Advisory Board (RAB) meeting was deleted. The RAB will meet twice yearly in January and October.

Travis AFB Master Document Schedule

- Page 1, North, East, West Industrial Operable Unit (NEWIOU) Soil/Sediment/Surface Water Record of Decision (ROD) schedule was updated.
- Page 3, Quarterly Newsletter Schedule for July 2005 was updated.
Mr. Lucey stated that Travis AFB may want to use the July *Guardian* to fulfill the requirement of a fact sheet that will inform the public on the difference between the ROD and Proposed Plan. Mr. Anderson stated that the information for the fact sheet may not be available in time to support the *Guardian* schedule, but Mr. Lucey's suggestion would be considered.
- Page 5, Operation and Maintenance Manual North Groundwater Treatment Plant (NGWTP) Revision 2 was moved to the Historical Document Section.

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 the Air Force submitted the response to comments to the Revised Draft Ecological Technical Memorandum on 26 April 2005. Once agreement has been made on the comments, the comments will be incorporated into a final Ecological Technical Memorandum.

Mr. Malsberger said since all agencies comments were included in Mr. Mike Anderson's comments, can the agencies defer to Mr. Mike Anderson for response to comments.

2. Draft Record of Decision

Mr. Malsberger stated that the Air Force has received some of the comments from the agencies on the draft ROD. The Air Force is currently developing the response to comments. Once the Ecological Technical Memorandum has been finalized and resolution of all comments on the Draft ROD has been agreed upon, a Revised Draft ROD will be submitted. Once agreement has been reached, the draft final ROD will be issued for signature.

Mr. Smith asked when the regulators can expect to have all the information that they need to submit their remaining comments.

Mr. Lucey stated that his submitted ROD comments do not include a review of the ecological assessments since they were not included in the draft ROD and are awaiting Ecological Technical Memorandum finalization. He stated that when the Ecological Technical Memorandum is final, he is planning to submit additional comments on the ROD. After the response to comments have been finalized and once he knows what the ecological cleanup levels are, he will then compare that information to the draft ROD for consistency.

Mr. Malsberger stated that Mr. Lucey will find that there is no consistency because the ecological cleanup levels were not in the draft ROD. The non-ecological comments will be resolved first. The ecological issues will be incorporated in the revised draft ROD.

Mr. Lucey stated that there are a few small issues that need to be addressed such as chlordane and dieldrin levels detected in the remedial investigation and how they are carried forward, but that he will not be adding any new Ecological Technical Memorandum comments. These loose ends need to be addressed once these final ecological numbers are agreed upon.

Mr. Smith stated that he wants to make sure that he has all of Mr. Lucey's comments on the Ecological Technical Memorandum comments.

Mr. Lucey stated that he has submitted all his comments. Ms. Sonce Devries and Mr. Mike Anderson are currently reviewing the response to comments. It is Mr. Lucey's ROD comments that are incomplete. He also stated that his comments would be identifying specific places in the draft ROD that are ecologically related and that may need to be revised. His additional comments will be addressing risk assessments that are not complete because the draft ROD does not currently include the Ecological Technical Memorandum results.

Mr. Friedman stated that it would be helpful if there was a summary of what changes were made to the Ecological Technical Memorandum. In addition, it would be helpful to summarize each comment or reorganize the comments sequentially or by site. Mr. Malsberger said he would look into how this could be done for the Final Ecological Technical Memorandum.

Mr. Smith stated that if Travis AFB is to excavate NEWIOU sites during the construction season in 2006, he needs a ROD signed by August 2005. The driver is to place soil excavated from NEWIOU sites in the corrective action management unit (CAMU). He further stated that it

appears to be unlikely that we will have a revised draft ROD in June 2005 and a draft final in July 2005.

Mr. Lucey stated that the agency RPMs and ecological risk assessors would need to have time to review the different versions of the ROD to ensure that their concerns are addressed.

After much discussion, it was determined that an August 2005 date is too aggressive and that the remedial actions in the NEWIOU will have to wait until the 2007 construction season.

Mr. Smith stated that he will continue to plan to be prepared for the 2006 construction season and requested that everyone not relax their efforts on obtaining a signed ROD.

FT005

Mr. Malsberger stated that Travis AFB resampled the FT005 hotspot (selenium was the contaminant of concern). The results of the sample were below the detection limit. The conclusion was that the initial hit was a false-positive, J-flag. It was agreed that an ecological cleanup is not necessary; however, for human health, excavation will be conducted for PAHs down to industrial PRGs. Mr. Malsberger will submit the lab results to the agencies.

3. CURRENT PROJECTS

A. South Base Boundary Groundwater Treatment Plant

Mr. Sreenivasan reported that the South Base Boundary Treatment Plant (SBBGWTP) performed at 100% uptime with approximately 6.7 million gallons of groundwater extracted and treated during the month of April 2005. The average flow rate for the SBBGWTP was 145.3 gallons per minute (gpm). Approximately 2.0 pounds of volatile organic compounds (VOCs) were removed during April 2005. The total mass of VOCs removed since startup of the system is approximately 275 pounds (see Attachment 3).

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

No construction water was processed through SBBGWTP during April 2005.

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

B. Central Groundwater Treatment Plant

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 57.2% uptime with approximately 2.3 million gallons of groundwater extracted and treated during the month of April 2005. The average flow rate for the CGWTP was 93.7 gpm. Approximately 138 pounds of VOCs

(of which 127 pounds were from vapor) were removed during April 2005. The total mass of VOCs removed since startup of the system is 8,036 pounds (see Attachment 4).

Numerous shutdowns of the CGWTP, thermal oxidation system, and West Treatment and Transfer Plant (WTTP) system occurred during this month due to power interruptions and/or loss of communication between the WTTP and CGWTP. The power interruption is likely linked to the wet weather and construction activities near the CGWTP. The cause of the communication problem is suspected to be a faulty fiber optic splice located in an underground vault. This splice was done and installed by another contractor to support the POL facility built in late 2004. The replacement of the ceramic burner in the Th/Ox system required that the system be down for six days. All of these contributed to the reduced uptime.

The Th/Ox 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 March indicated an increase in TCE concentrations from 54 ppmv by volume in December 2004 to 280 ppmv in March. 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 June 2005 as the quarterly sample.

The WTTP vacuum blowers remain off line during the rebound study. Rebound samples collected in March 2005 indicate a decrease in TCE concentrations from 120 parts per billion by volume (ppbv) (September 2004) to 36 ppbv in March 2005. Due to very little changes in the contaminant concentrations in the vapor stream, the WTTP blowers will still 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.

All treated water from this plant is being diverted to the storm drain.

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

C. North Groundwater Treatment Plant

Mr. Sreenivasan reported that the NGWTP performed at 82.4% uptime with approximately seven hundred fifty thousand gallons of groundwater extracted and treated during the month of April 2005. The average flow for the NGWTP was 24.0 gpm. Less than one pound of VOC was removed during April 2005 which was from groundwater. The total mass of VOCs removed since startup of the system is 5,386 pounds (see Attachment 5).

The NGWTP experienced two shutdowns due to eductor supply bag filters interlock plugging. After a series of cleaning the bag housing, subassemblies, and replacing the bag filters, the problem was resolved and the system was made operational.

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 be started in May after checking the water levels to make sure the system is ready for vapor extraction.

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

D. Draft SD042 Closeout Report

Mr. Anderson stated that there has been no change to the draft SD042 Closeout Report since the last agency teleconference.

4. PROGRAM ISSUES UPDATE

- Mr. Smith stated that the regional contracts for ongoing remedial action operations and long term monitoring are still in progress. The contracts have not been awarded as of this date. Mr. Smith stated that he does not anticipate any negative impacts to Travis AFB's program.
- Mr. Lucey asked for an update on the Remedial Process Optimization (RPO) team's site visit. Mr. Smith stated that the team gathered information on a list of processes that could be optimized. This list includes Travis AFB's groundwater treatment plants and groundwater monitoring program. As of this date, Mr. Smith has not seen a Statement of Work and does not expect contract award to be anytime soon, although AFCEE was shooting for a 1 June 2005 award date. Mr. Smith will keep everyone advised on developments as they happen.

Mr. Lucey asked if this RPO is a potential source of funding for other optimization efforts. Mr. Smith stated that no, they are looking only at ongoing remedial actions – how to optimize groundwater treatment plant operations and maintenance and groundwater sampling. Additionally, their goals are cost savings and to expedite site closure.