

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

14 March 2007, 0930 Hours

Mr. Mark Smith, Travis Air Force Base (AFB), conducted the Remedial Program Managers' (RPM) Partnering meeting held on 14 March 2007 at 0930 in the Base Civil Engineering Conference Room, Building 570, Travis AFB, California. Attendees included:

- Mark Smith Travis AFB
- Gregory Parrott Travis AFB
- Wilford Day Travis AFB
- Glenn Anderson Travis AFB
- Tom Sreenivasan Travis AFB
- Lonnie Duke Travis AFB
- Kerry Settle Air Mobility Command/A7VR
- Steve Van Middleworth Air Mobility Command/A7VR
- Glenn Kistner U.S. Environmental Protection Agency (U.S.EPA)
- Rich Howard TechLaw
- Alan Friedman California Regional Water Quality Control Board (CRWQCB)
- Mike Wray CH2M Hill
- Carol Kontonickas URS
- Tom Barry Shaw Engineering and Infrastructure (Shaw E&I)
- Allen Mason 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 (February 2007)
- Attachment 4 CGWTP Monthly Data Sheet (February 2007)
- Attachment 5 NGWTP Monthly Data Sheet (February 2007)

1. ADMINISTRATIVE

A. Previous Meeting Minutes

The February 2007 Teleconference RPM meeting minutes 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 Annual Meeting and Teleconference Schedule

— Page 1, the Monthly RPM Teleconference meeting dates were updated.

Travis AFB Master Document Schedule

— Page 3, the Military Munitions Response Program Comprehensive Site Evaluation, Phase I schedule was established.

— Page 5, the DP039 Optimization Field Report schedule was established.

2. OPERABLE UNIT UPDATE

A. North, East, West Industrial Operable Unit (NEWIOU) Soil Remedial Designs

Mr. Anderson distributed the changeout pages for the Draft Final SD001 and SD033 Soil Remedial Design packages, which will go final 13 April 2007. This handout also included the response to comments.

Mr. Anderson stated that the LF007 Soil Remedial Design package was submitted 30 January 2007. Comments were received from the Water Board and U.S. EPA. Once comments are received from DTSC, a determination will be made if a response to comments meeting is necessary.

B. Remedial Action Work Plan Review FT004

Mr. Anderson presented the FT004 Remedial Action Work Plan to the agencies for a cursory review during today's meeting. Mr. Anderson will be available after the RPM meeting to answer any questions.

C. Groundwater ROD Issues

Mr. Smith stated that Travis AFB is preparing for the Groundwater Record of Decision (ROD). Mr. Smith stated that Travis AFB is currently working on the ARARs by following the Edwards AFB's example, who has a signed Groundwater ROD.

There are site specific issues that came up during the scoping meeting and he has started a review process for each site to determine what additional work is needed and if a change of strategy is required. Mr. Kistner suggested that the Air Force develop an action item list to document the process up to the ROD in order to avoid problems in the future.

It was agreed that the Air Force and U.S. EPA will review the GSAP response to comments table and discuss groundwater issues as applicable to the groundwater ROD and schedule a teleconference with the remaining regulatory agencies

Mr. Kistner stated that he previously brought up the concern of how perchlorate will be addressed prior to the ROD being signed (i.e., will the GSAP include sampling for perchlorate). Mr. Smith stated that a driver would be required in order to do sampling for perchlorate. Mr. Smith asked Mr. Kistner what would be the driver.

Mr. Settles stated that there must be a historical driver for of perchlorate. Mr. Kistner stated that the driver would be the EOD range. This site should be researched to determine if there was perchlorate used by any devices. It might be beneficial to use the monitoring wells that are near the EOD range to take samples.

Mr. Anderson stated that it would be more appropriate to sample the site under the GSAP.

Mr. Smith stated that he would need to know what the driver is in order to look for perchlorate and then set up a separate project to look for perchlorate along with obtaining funding.

Mr. Settles stated that this EOD range is an active range; therefore, it is not an environmental restoration site.

Mr. Kistner offered to allow U.S. EPA to take split samples during the GSAP.

Mr. Smith stated that the Air Force will review the perchlorate guidance as it applies to the EOD range and discuss this issue with Compliance to determine what and what cannot be accomplished.

3. CURRENT PROJECTS

A. Treatment Plant Operation and Maintenance

1. South Base Boundary Groundwater Treatment Plant

Mr. Sreenivasan reported that the South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 100 % uptime, and 3.8 million gallons of groundwater were extracted and treated during the month of February 2007. The average flow rate for the SBBGWTP was 94.5 gallons per minute (gpm). Approximately 1.7 pound of volatile organic compounds (VOCs) was removed during February 2007. The total mass of VOCs removed since the startup of the system is 303 pounds (see Attachment 3).

There were no shutdowns during the month of February 2007.

No construction water was processed at this plant during February 2007.

No optimization activities were planned or performed at this plant during February 2007.

2. Central Groundwater Treatment Plant

Mr. Sreenivasan reported that the Central Groundwater Treatment Plant (CGWTP) performed at 99.7% uptime with approximately 2.3 million gallons of groundwater extracted and treated during the month of February 2007. The average flow rate for the CGWTP was 56 gpm. Approximately 8 pounds of VOCs were removed during February 2007. The total mass of VOCs removed since the startup of the system is 10,481 pounds. (see Attachment 4).

There were no plant shutdowns in February 2007.

The thermal oxidation (Th/Ox) system was down for the installation of the new vacuum system and the components.

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

Optimization activities were performed at site DP039 for the newly installed extraction wells and monitoring wells system during February 2007.

3. North Groundwater Treatment Plant

Mr. Sreenivasan reported that the North Groundwater Treatment Plant (NGWTP) performed at 100% uptime with approximately one million gallons of groundwater extracted and treated during the month of February 2007. The average flow for the NGWTP was 25.5 gpm. Less than a pound of VOCs was removed during February 2007, which was from groundwater and vapor. The total mass of VOCs removed since the startup of the system is 5,420 pounds (see Attachment 5).

The plant experienced no shutdowns during February 2007.

The soil vapor extraction system is off due to high water levels at the extraction wells. This is normal during the rainy season.

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

B. DP039 Field Work

Mr. Anderson stated that DP039 field work is complete. The dual-phase extraction systems are operating and Travis AFB will continue to operate this system to determine what the impact is of the second well.

The DP039 Optimization Field Report has been placed on the document schedule.

C. Variance Request for PAH and Metals Analyses

Mr. Anderson stated that the Air Force is awaiting comments from DTSC on the variance request for PAH and metals analyses.

D. Military Munitions Response Program Comprehensive Site Evaluation Review

Mr. Anderson stated that the Water Board did not have any comments on the Military Munitions Response Program Comprehensive Site Evaluation. Travis AFB is waiting for a response from U.S. EPA and DTSC.

The Military Munitions Response Program Comprehensive Site Evaluation, Phase I was placed on the document schedule.

E. Petroleum Only Contamination (POCO) Sites

Mr. Day gave a presentation on the Petroleum Only Contamination (POCO) Sites

Mr. Day stated that Travis AFB Performance Base Contract is conducting an investigation at 3 POCO sites with the objective of establishing Remedy-in-Place by 2009. The presumed final remedy is monitored natural attenuation (MNA) unless LNAPL or migrating MTBE is found. The three sites are ST018, ST027, and ST028.

CH2M Hill is using the triad approach to the field portion of the investigation to be as efficient as possible at collecting the necessary data.

The overall project plan will be conducted in four phases:

- Phase 1 – A field investigation to define the extent of impacts to groundwater and determine where to install additional monitoring wells to evaluate MNA.
- Phase 2 – Prepare a remedial design report for the three sites.
- Phase 3 – Conduct quarterly monitoring for one year to evaluate plume stability and the effectiveness of MNA.
- Phase 4 – Prepare a POCO evaluation report for ST018 and remedial action reports for ST027 and ST028.

Currently, Travis AFB is in Phase I, field investigation. Initial sampling and some monitoring wells have been installed. Another round of sampling is scheduled to begin on 21 March 2007. Additionally, all needed monitoring wells will be installed.

F. Free Product

Mr. Smith stated that Mr. Friedman had previously requested a proposal on free product removal.

Mr. Smith explained that originally Travis AFB had a contract to collect the free product; however, since the amount collected was at such low levels, it was not cost effective to keep the contract. Since that time, there has been an increase in the amount of free product.

Travis AFB is in the process of determining how to dispose of the free product, what waste stream to deposit it in, and how to secure funding, etc. These details are being worked out with Compliance.

Mr. Smith started that Mr. Day has developed a flow chart on how to process the free product.

4. PROGRAM ISSUES UPDATE

A. AMC Site Visit (Centralization, Future Planning)

Mr. Smith stated Travis AFB will be going more towards performance based contracts. Mr. Settles commented that the Air Force is moving towards PBC and is attempting to implement it where it fits. Currently, AMC is conducting an Installation Program Assessment Review this week, by taking a look at the groundwater sites and getting a programmatic concept on how to implement performance based acquisition approach. Mr. Settles stated that the regulatory agencies are a chief part of this process. The whole key will be a statement of objectives.

Mr. Smith stated that there will be a realignment of the Civil Engineering Squadron, in order to comply with AFSO 21. Mr. Settles stated that the Air Force is working out the final structure of AFSO 21. It is his opinion that the effect on the restoration program will be minimal if at all.

Mr. Smith stated that additional changes are trickling down; one being the centralization of the restoration function at AMC. Mr. Settles stated that initially all the restoration programs were being transferred to AFCEE; however, it has changed. It appears that restoration will be centralized at AMC. Once remedial actions are in place, these sites will be transferred to AFCEE.

Mr. Smith stated that the centralization will not impact the document review process or regulatory POCs at Travis.

ACTION ITEM LIST

ITEM	RESPONSIBLE	ACTION ITEM	DUE DATE	STATUS
1.	DTSC/U.S. EPA	To comment on the variance request.	3-14-07	Pending DTSC's comments.
2.	Air Force	To review the perchlorate guidance as it applies to the EOD range, discuss this issue with compliance to determine what and what cannot be accomplished.	4-11-07	New Item.
3.	Air Force/ U.S. EPA	To review the GSAP response to comments table and discuss groundwater issues as applicable to the groundwater ROD and schedule a teleconference with the remaining regulatory agencies.	4-11-07	New Item.
4.	Air Force	To schedule a performance base acquisition briefing by the Corps of Engineers.	4-11-07	New Item.
5.	U.S. EPA	To review performance base acquisition experience.	4-11-07	New Item