

**Travis Air Force Base
Environmental Restoration Program
Restoration Program Manager's
Meeting Minutes**

21 January 2015, 0930 Hours

Mr. Mark Smith, of the Air Force Civil Engineer Center (AFCEC) Restoration Installation Support Team (IST), conducted the Restoration Program Manager's (RPM) meeting, on 21 January 2015 at 0930 hours, in Building 248 at Travis AFB, California. Attendees included:

- Mark Smith AFCEC/CZOW
- Glenn Anderson AFCEC/CZOW
- Lonnie Duke AFCEC/CZOW
- Erin Hernandez Travis AFB 60 AMW/JA
- William Hall AFCEC/CZRW
- Dezso Linbrunner USACE-Omaha
- Adriana Constantinescu California Regional Water Quality Control Board (RWQCB)
- Ben Fries California Department of Toxic Substances Control (DTSC)
- Nadia Hollan Burke United States Environmental Protection Agency (USEPA)
- Karen Scheuermann United States Environmental Protection Agency (via telephone) (USEPA)
- Indira Balkissoon Techlaw, Inc
- Mike Wray CH2M HILL
- Jeff Gamlin CH2M HILL
- Tony Chakurian CH2M HILL

Handouts distributed at the meeting, discussions and presentations included:

- Attachment 1 Meeting Agenda
- Attachment 2 Master Meeting and Document Schedule
- Attachment 3 SBBGWTP Monthly Data Sheet (November/December 2014)
- Attachment 4 CGWTP Monthly Data Sheet (November/December 2014)
- Attachment 5 NGWTP Monthly Data Sheet (November 2014)
- Attachment 6 ST018 Monthly Data Sheet (November/December 2014)
- Attachment 7 Presentation: CG508 POCO Investigation Conclusions

- Attachment 8 Presentation: SD036 RD/RA Work Plan
- Attachment 9 Presentation: SS015 RD/RA Work Plan
- Attachment 10 Presentation: Program Update: Activities Completed, In Progress and Upcoming

1. ADMINISTRATIVE

A. Previous Meeting Minutes

The 19 November 2014 RPM teleconference meeting minutes were approved as modified with one correction provided by Ms. Constantinescu to page 3 of 8 regarding the Notice of Violation (NOV) for Potrero Hills Annex. No other comments were provided.

B. Action Item Review.

Action items from November were reviewed.

Action item 1 will remain open: AFCEC’s Travis Restoration Support Team and Travis AFB will continue to pursue opportunities for the beneficial reuse of treated water. AFCEC is in agreement with using Defense Environmental Restoration Account (DERA) funds under the authority of a “net-zero energy policy” for the Air Force for the beneficial reuse of treated groundwater. Current possibilities include: Rerouting treated water from the central plant to the duck pond or as irrigation as an energy reduction project with the intent of reducing on-base water usage. Due date will remain TBD to ensure this action item remains visible. 21 January 2015: Mr. Smith spoke with Mr. Miller, the Deputy Base civil engineer, and reminded him that treated water is available for Base use. No further updates.

Action item 2 is now closed: Mr. Smith to provide a status update on programming efforts for soil characterization at Site SD031. 21 January 2015: Action item 2 is now closed with Mr. Smith providing the following comment: A project has been added to the FY2016 Program Requirements Development (PRD) for the remedial investigation and feasibility study (RI/FS) and follow-on phases to progress the site as close as possible to site closeout under the current contract.

Mr. Smith announced upcoming funding for site characterization efforts at Site SD031 in FY2016. For FY2016, AFCEC has approved the addition of a project to perform a RI/FS of the soil at site SD031 to characterize contamination encountered during implementation of the site SD031 technology demonstration for groundwater. An attempt will be made to accelerate the funding to FY2015 to expedite the effort.

Ms. Constantinescu expressed concern about the impact soil contamination at the site could have on the in-progress installation of the groundwater technology demonstration and asked how the effort would be modified to avoid the soil contamination.

Mr. Smith stated that the location of the chimneys and other infrastructure were installed in such a way that they will avoid the soil contamination. Travis will not be pulling vegetable oil through the contaminated soil.

Mr. Wray added that the soil contamination encountered at site SD031 is very shallow at 2 to 14 feet below ground surface (bgs) and the groundwater level is at 14 feet bgs and they have been able to perform the work without restrictions due to the soil contamination. He also shared that the injection well installations were being performed with continuous cores to allow for visual observations of the soil and measurement of headspace concentrations with a PID providing a matrix of data for the site. A limited number of soil samples have also been collected.

Mr. Smith then shared the history of the site including the no further action determination made in the NEWIOU Soil Record of Decision (ROD), which he anticipates will result in a ROD amendment to be completed in FY2017 after the investigation is completed under the new project.

Mr. Linbrunner included that he has spoken with the Contracting Officer about the change in site conditions resulting from the discovery of soil contamination in addition to groundwater contamination at site SD031. Mr. Linbrunner informed the Contracting Officer that the existing Performance Based Contract (PBC) could be modified to include the soil investigation to continue progress toward site closure of groundwater with the current contractor and prevent impeding their ability to meet that goal. The contract modification is therefore currently being developed.

Master Meeting and Document Schedule Review (see Attachment 2)

The Travis AFB Master Meeting and Document Schedule (MMDS) was discussed during this meeting (see Attachment 2).

Travis AFB Annual Meeting and Teleconference Schedule

The next RPM meeting will be a face to face meeting held on 18 February 2015 at 9:30. A consensus was reached for scheduled meeting times going forward. In person RPM meetings will continue to start at 9:30. Beginning with the 18 March 2015 meeting, teleconferences will start at 9:00. The next Restoration Advisory Board meeting is scheduled for 23 April 2015.

Travis AFB Master Document Schedule

- Travis Air Force Base Uniform Federal Policy-Quality Assurance Project Plan (UFP-QAPP): The final due date was updated to 29 January 2015. No other changes were made to the schedule. Mr. Anderson explained that the delay in finalizing the document is due to the issue of cleanup levels that are below detection levels and the need to address that in the UFP-QAPP rather than continuously address it in the site-specific work plans.

- Site SD037 GW Remedial Design/Remedial Action Work Plan: The response to comments (RTC) due date was changed to 9 January 2015, the rest of the dates were changed accordingly. EPA is reviewing Travis AFB responses to their comments. Mr. Anderson said that Travis AFB has scheduled the document go final on 9 February 2015.
- Site SD036 Remedial Design/Remedial Action Work Plan: The draft to agencies date was changed to 16 January 2015; the remaining dates were changed accordingly. The dates were pushed back to incorporate any changes that were made to the SD037 RD/RA work plan since the SD036 RD/RA work plan is very similar.
- Site SS016 GW Remedial Design/Remedial Action Work Plan: The draft to agencies, draft to RAB, and agency comments due dates were updated to reflect the actual dates. No other changes were made to the schedule.
- Site SS015 GW Remedial Design/Remedial Action Work Plan: The draft to agencies and draft to RAB dates were updated to reflect the actual dates. The agency comments due date was updated to 20 February 2015 to accommodate the date specified in the cover letter. No other changes were made to the schedule.
- Community Involvement Plan: The draft to agencies date was changed to 20 February 2015, the rest of the dates were changed accordingly. Mr. Smith gave an update on his efforts to update the document. No additional comments were made.
- Site DP039 Remedial Design/Remedial Action Work Plan: Predraft to AF/Service Center date was updated to 15 January 2015 to reflect the actual date, the rest of the dates were changed accordingly.
- Proposed Plan for the Amendment to the NEWIOU Soil, Sediment, and Surface Water Record of Decision (ROD): No changes to the schedule.
- Amendment to the NEWIOU Soil, Sediment, and Surface Water Record of Decision: No changes to the schedule. Mr. Hall took on the task to determine the time requirements and signature process for getting the AFCEC signature on the upcoming ROD Amendments.
- Proposed Plan for the Amendment to the Soil Record of Decision for the WABOU: No changes to the schedule.
- Amendment to the Soil Record of Decision for the WABOU: No changes to the schedule.
- Potrero Hills Annex (FS, PP, and ROD): No change to the schedule. Mr. Anderson said a revised work plan has been prepared. Ms. Constantinescu said that the RWQCB is reviewing the addendum to the work plan and that additional work has been proposed. Travis AFB was not copied on the comments and Ms. Constantinescu clarified that she is not involved with the project, but did relay that the RWQCB is still unhappy with the proposed work, because it does not provide enough coverage to delineate the groundwater contamination. Ms. Constantinescu also shared that a technical memorandum was submitted to the RWQCB in December 2014 more than a year after installation of an agricultural well on the downgradient property in October 2013. Ms. Constantinescu shared that the RWQCB is unhappy about the delay in receiving notification about the installation of the well and that it is close to the property line and contains both perchlorate and VOCs. The RWQCB will be working to produce a revised

site cleanup order. Mr. Smith asked about the status of the Notice of Violation (NOV). Ms. Constantinescu replied that it is still in place. Mr. Smith asked what approach Travis AFB should take going forward. Ms. Constantinescu concurred that Travis AFB should continue to wait for the current situation to be resolved. Ms. Constantinescu shared that a site visit will take place and said that she will relay the message that Travis AFB would like to attend since they are a party on the cleanup order. Ms. Hernandez asked Ms. Constantinescu whether the RWQCB had any additional expectations of Travis AFB other than the wait and see posture. Ms. Constantinescu said she would take the question to management and get back to her. Mr. Smith elaborated on the current posture of Travis AFB to provide technical guidance, and document review, to help the other responsible party achieve the objectives in the Water Board Order.

- Site DP039 Lead Excavation Technical Memorandum: The RTC date and final due was changed to TBD. Travis AFB received EPA's comments and is working on responses. Mr. Anderson shared with EPA that Travis AFB is currently working on a plan of action to complete the document.
- Site ST018 POCO Work Plan Addendum: The RTC and final dates were changed to 13 January 2015 to reflect the actual dates.
- Site SD034 Data Gap Investigation: The RTC date was changed to 17 February 2015, the rest of the dates were change accordingly. Mr. Smith noted that the RTC meeting date needs to be updated as well.
- Site SS014 POCO Technology Demonstration Work Plan: The Predraft to AF/Service Center date was updated to reflect the actual date; all other dates were updated accordingly.
- POCO Investigation Work Plan for Oil Water Separators: New document, all new dates.
- Old Skeet Range PAH Delineation Report: New document, all new dates. Mr. Linbrunner stated that this will be a mostly informational document, because the previous contractor did not have enough funding to complete their work. The Contracting Office determined that, due to the site having PAHs and lead, a mod could not be awarded for the PAH portion of the contract. The work will go out for bid again due to contractual obligations, and it will become an FY2016 project. Ms. Burke stated that the EPA database will need to be updated to reflect the incomplete status of the non-time sensitive removal action and insert a new completion date. She then asked if it should still be considered a removal action or if the status should be changed and how EPA should treat the site. Mr. Smith said the site will be changed to an actual project to be awarded late in FY2015 with the goal of site closeout in the June of 2018 time frame.
- Site FT005 Technology Demonstration Work Plan: New document, all new dates. Mr. Anderson gave a brief overview of the intent of the technology demonstration. The question driving the technology demonstration is the maximum distance that emulsified vegetable oil (EVO) can flow in the subsurface, and Travis AFB will answer that question by measuring the distance that EVO can be drawn through the subsurface at Site FT005.
- POCO Site ST032 Soil Excavation Work Plan: New document, all new dates.

- Quarterly Newsletter (January 2015): No changes to the schedule.
- 2014 Annual CAMU Monitoring Report: New document, all new dates.
- 2014 Annual GRISR: New document, all new dates. Mr. Duke shared that the GRISR would be getting larger mainly due to the inclusion of the monitored natural attenuation (MNA) implementation plan. Discussion of copies required by each agency: EPA one hardcopy and electronic copy, Ms. Balkissoon receiving an electronic copy with hardcopy maps, RWQCB one hardcopy and electronic copy, and DTSC one electronic copy.
- Site TA500 Data Gap Investigation Work Plan: Moved to History.
- Site SD031 Technology Demonstration Work Plan: Moved to History.

Discussions:

Green Sustainable Remediation (GSR) Discussion with Karen Scheuermann, USEPA (via telephone):

Ms. Burke introduced Ms. Scheuermann of the USEPA, who joined the meeting via telephone, to discuss Green Sustainable Remediation (GSR) and the new ASTM E2893 Standard Guide for Greener Cleanups.

Ms. Scheuermann gave an overview of the USEPA goals for GSR and introduced ASTM E2893:

- The USEPA is looking for ways to begin tracking the GSR practices of superfund sites using different metrics and aiming to establish a level playing field.
- The USEPA is encouraging those with ongoing remediation work to set goals for achieving GSR and to find ways to gauge their performance.
- The ASTM E2893 standard provides a process for looking at resource use (ex. water, energy, carbon footprint) and includes best management practices (BMPs).
- The standard includes two steps: 1) a checklist of BMPs that can be implemented to support GSR, 2) a self-certification process for those who use GSR BMPs to publicly state that they are employing GSR practices in their cleanup projects.
- The USEPA is encouraging projects they oversee to review the standard and consider self-certification.
- The USEPA is currently working on consolidated metrics to track the projects they oversee.

Mr. Gamlin shared some of the BMPs for GSR that are being employed at Travis AFB such as shipping EVO to the base via rail.

Mr. Duke stated that he would review the standard to see which BMPs have already been employed and what new approaches could be taken to increase GSR at Travis AFB.

Mr. Hall said he would review the ASTM E2893 Standard Guide for Greener Cleanups and what historically has been done along the lines of GSR.

Thermal Oxidation Unit (ThOX) Removal from Site SS016:

Mr. Duke stated that, with agency concurrence, the thermal oxidation unit (ThOX) would be removed from the base and not be brought back into service. The ThOX had remained available while the NEWIOU Groundwater Interim Record of Decision (ROD) was in place, but is no longer used nor a component of the Groundwater ROD. The USEPA, RWQCB, and DTSC concurred that it is appropriate to have the ThOX unit removed from the Base, because it is not a component of the final remedy for Site SS016.

2. CURRENT PROJECTS

Treatment Plant Operation and Maintenance Update

South Base Boundary Groundwater Treatment Plant, November 2014 (see Attachment 3)

The South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 47% uptime, and 2.0 million gallons of groundwater were extracted and treated during the month of November 2014. All of the treated water was discharged to Union Creek. The average flow rate for the SBBGWTP was 64.8 gallons per minute (gpm). Electrical power usage was 3,480 kWh, and approximately 4,768 pounds of CO₂ were created (based on DOE calculation). Approximately 0.70 pounds of volatile organic compounds (VOCs) were removed in November. The total mass of VOCs removed since startup of the system is 454 pounds.

Optimization Activities: No optimization activities are reported for the month of November.

South Base Boundary Groundwater Treatment Plant, December 2014 (See Attachment 3)

The South Base Boundary Groundwater Treatment Plant (SBBGWTP) performed at 100% uptime, and 2.8 million gallons of groundwater were extracted and treated during the month of December 2014. All of the treated water was discharged to Union Creek. The average flow rate for the SBBGWTP was 66.70 gallons per minute (gpm). Electrical power usage was 7,800 kWh, and approximately 10,686 pounds of CO₂ were created (based on DOE calculation). Approximately 0.89 pounds of volatile organic compounds (VOCs) were removed in December. The total mass of VOCs removed since startup of the system is 455 pounds.

Optimization Activities: No optimization activities are reported for the month of December.

Central Groundwater Treatment Plant, November 2014 (see Attachment 4)

The Central Groundwater Treatment Plant (CGWTP) performed at 100% uptime with approximately 1.3 million gallons of groundwater extracted and treated during the month of November 2014. All treated water was discharged to the storm drain. The average flow rate for the CGWTP was 30.8 gpm. Electrical power usage was 2,587 kWh for all equipment connected to the Central Plant, and approximately 3,544 pounds of CO₂ were generated. Approximately 2.92 pounds of VOCs were removed from groundwater by the treatment plant in November. The total mass of VOCs removed since the startup of the system is 11,387 pounds.

Optimization Activities for WTTP: The WTTP remains off line since it was shut down in April 2010 for the ongoing rebound study. The rebound study was concluded with the signing of the Groundwater ROD in August. No additional optimization activities to report for the month of November.

Optimization Activities for CGWTP: No optimization activities are reported for the month of November.

Central Groundwater Treatment Plant, December 2014 (See Attachment 4)

The Central Groundwater Treatment Plant (CGWTP) performed at 100% uptime with approximately 1.13 million gallons of groundwater extracted and treated during the month of December 2014. All treated water was discharged to the storm drain. The average flow rate for the CGWTP was 28.9 gpm. Electrical power usage was 2,114 kWh for all equipment connected to the Central Plant, and approximately 2,896 pounds of CO₂ were generated. Approximately 2.91 pounds of VOCs were removed from groundwater by the treatment plant in December. The total mass of VOCs removed since the startup of the system is 11,390 pounds.

Optimization Activities for WTTP: The WTTP remains off line since it was shut down in April 2010 for the ongoing rebound study. The rebound study was concluded with the signing of the Groundwater ROD in August. No additional optimization activities to report for the month of December.

Optimization Activities for CGWTP: No optimization activities are reported for the month of December.

North/LF007 Groundwater Treatment Plant, November 2014 (see Attachment 5)

The North/LF007 Groundwater Treatment Plant (NGWTP) performed at 37% uptime with approximately 54,860 gallons of groundwater extracted and treated during the month of November 2014. The average flow rate at the NGWTP was 2.7 gpm, and electrical power use was 0 kWh for all the equipment connected to the North plant; and 0 pounds of CO₂ was generated; this system is 100 percent off of the power grid.

Approximately 2.84×10^{-3} pounds of VOCs were removed from the groundwater in November. The total mass of VOCs removed since the startup of the system is 174.31 pounds.

Optimization Activities for NGWTP: No optimization activities to report for the month of November.

North/LF007 Groundwater Treatment Plant, December 2014

The North/LF007 Groundwater Treatment Plant is offline as of 2 December 2014, in accordance with the US Fish and Wildlife Service, due to the presence of standing water in the vernal pools. As such, a monthly report was not prepared.

Site ST018 Groundwater (MTBE) Treatment Plant, November 2014 (see Attachment 6)

The Site ST018 (MTBE) Treatment Plant (ST018 GWTP) performed at 0.7% uptime with approximately 2,255 gallons of groundwater extracted and treated during the month of November 2014. All treated water was diverted to the storm drain. An average flow rate for the ST018 GWTP for the month of November is not available due to very low uptime for the month. Electrical power usage for the month was 0 kWh for all equipment connected to the ST018 GWTP, which equates to the creation of approximately 5 pounds of CO₂. Approximately 0.0013 pounds of BTEX, MTBE and TPH were removed from groundwater in November from the treatment plant. Approximately 0.0013 pounds of MTBE were removed from groundwater. The total BTEX, MTBE and TPH mass removed since the startup of the system is 30.9 pounds. And the total MTBE mass removed since startup of the system is 6.6 pounds.

Note: Electrical power use at the ST018 GWTP is only for the alarm system and a pump that pushes water through the GAC vessels for treatment. The extraction pumps in the system are all solar powered.

The ST018 GWTP effluent was rerouted to the sanitary sewer in November. Monitoring requirements for the ST018 GWTP are no longer determined by the National Pollutant Discharge Elimination System (NPDES) permit and influent sampling will now be performed monthly to comply with sewer district guidelines.

Optimization Activities: No optimization activities are reported for the month of December.

Site ST018 Groundwater (MTBE) Treatment Plant, December 2014 (See Attachment 6)

The Site ST018 (MTBE) Treatment Plant (ST018 GWTP) performed at 100% uptime with approximately 125,060 gallons of groundwater extracted and treated during the month of December 2014. All treated water was diverted to the sanitary sewer. The average flow rate for the ST018 GWTP was 3.11 gpm. Electrical power usage for the

month was 65 kWh for all equipment connected to the ST018 GWTP, which equates to the creation of approximately 89 pounds of CO₂. Approximately 0.07 pounds of BTEX, MTBE and TPH were removed from groundwater in December from the treatment plant. Approximately 0.07 pounds of MTBE were removed from groundwater. The total BTEX, MTBE and TPH mass removed since the startup of the system is 30.9 pounds. And the total MTBE mass removed since startup of the system is 6.7 pounds.

Note: Electrical power use at the ST018 GWTP is only for the alarm system and a pump that pushes water through the GAC vessels for treatment. The extraction pumps in the system are all solar powered.

Optimization Activities for ST018: No optimization activities to report for the month of December.

Presentations:

Presentation: CG508 POCO Investigation Conclusions (see Attachment 7)

Mr. Gamlin reported on the conclusions of the site investigation at CG508.

- Results of groundwater sampling were not indicative of petroleum contamination.
- A sewer release is suspected due to the similarities between the chromatograms and the locations of detections only along the sewer line.

Ms. Constantinescu agreed with the evidence presented by Mr. Gamlin and said that in order to close the site, a No Further Action request should be made under the low-threat closure policy. The 9 criteria in the policy should be followed in the request. Ms. Constantinescu will provide the RWQCB site closure summary form to be filled out and used as a guide for structuring the closure report.

Presentation: SD036 RD/RA Work Plan (see Attachment 8)

Mr. Chakurian reported on the plans for accelerating cleanup at SD036. He stated that additional injection wells will be installed at SD036 in the areas of high Trichloroethene (TCE) concentrations as presented on multiple site maps. Baseline sampling will be presented in the Remedial Action Construction Completion Report (RACCR) and performance monitoring will be presented in the GRISR.

Ms. Burke expressed some concern over the terminology enhanced attenuation (EA) versus monitored natural attenuation (MNA) and whether select areal treatment would need to occur across the site in order to consider the remedy for the site fully implemented.

Mr. Wray said further clarification of the MNA approach for Travis AFB would appear in the upcoming GRISR in the MNA Implementation Plan portion of the report. Additionally, the EA

remedy is described in the Groundwater ROD (June 2014), and is the selected remedy for many sites at Travis AFB.

Presentation: SS015 RD/RA Work Plan (see Attachment 9)

Mr. Chakurian reported on the plans for accelerating cleanup at SS015. He stated that additional injection and monitoring wells will be installed at SS015 in the areas of high TCE concentrations as presented on multiple site maps. Baseline sampling will be presented in the RACCR and performance monitoring will be presented in the GRISR.

Program Update: Activities Completed, In Progress and Upcoming (see Attachment 10)

Mr. Wray reported on the status of field work and documents which are completed, in progress, and upcoming. Updates from the briefing this month included:

Newly Completed Documents: ST018 POCO Work Plan Addendum.

Newly Completed Field Work: No changes.

In-Progress Documents: SD037 RD/RA Work Plan, Travis AFB UFP-QAPP, DP039 Lead Excavation Technical Memorandum, SD034 Data Gap Investigation Work Plan, SD036 RD/RA Work Plan, SS016 GW RD/RA Work Plan, SS015 GW RD/RA Work Plan, Proposed Plan for the Amendment to WABOU Soil ROD, Proposed Plan for the Amendment to NEWIOU Soil, Sediment, & Surface Water ROD.

In-Progress Field Work: SD031 Technology Demonstration.

Upcoming Documents (CERCLA): Community Involvement Plan, DP039 RD/RA Work Plan, FT005 Technology Demonstration Work Plan, Annual CAMU Monitoring Report, 2014 GRISR.

Upcoming Documents (POCO): SS014 POCO Technology Demonstration Work Plan, Oil-Water Separators POCO Evaluation Work Plan, ST032 POCO Soil Excavation Work Plan, and the Old Skeet Range PAH Delineation Report.

Field Work Planned: SD031 Well/Trench Installation (February), SD031 EVO Injection (February), SD036 Well Installation (March), SD037 Well Installation (March), SD034 Site Investigation (April), SD036 EVO Injection (April), SD037 EVO Injection (April), SS016 Well Installation (April), ST018 Well/Trench Installation (April), and SS014 Site Investigation (April), GRIP Sampling (April).

4. New Action Item Review

Mr. Hall to determine the time requirements and signature process for getting the AFCEC signature on the upcoming ROD Amendments.

Mr. Hall to review the ASTM E2893 Standard Guide for Greener Cleanups and what historically has been done along the lines of GSR.

Mr. Hall to ask if we can use DERA funds for the beneficial reuse of treated groundwater under AFCEC's "net-zero energy policy".

Ms. Constantinescu to provide the RWQCB site closure summary form to Mr. Smith for distribution.

Mr. Smith to provide updates on PFOS and PFOA efforts as he becomes aware of them.

Ms. Constantinescu to ask for guidance from her management to see if any action is required from Travis AFB regarding the cleanup order.

5. PROGRAM/ISSUES/UPDATE

Travis AFB had their performance requirements development process planning for FY2016 that included SD031, previously discussed, and the MMRP Old Skeet Range. More information to follow.

6. Action Items

Item #	Responsible	Action Item Description	Due Date	Status
1.	Travis AFB	AFCEC's Travis Restoration Team and Travis AFB will continue to pursue opportunities for the beneficial reuse of treated water. AFCEC is in agreement with using Defense Environmental Restoration Account (DERA) funds under the authority of a "net-zero energy policy" for the Air Force for the beneficial reuse of treated groundwater. Current possibilities include: Rerouting treated water from the central plant to the duck pond or as irrigation as an energy reduction project with the intent of reducing on-base water usage. Due date will remain TBD to ensure this action item remains visible.	TBD	Open

2.	Mark Smith	Mr. Smith to provide a status update on programming efforts for soil characterization at site SD031. Update 21 January 2015: Mr. Smith provided a status update for the site SD031 soil efforts during the action item review.	21 Jan 2015	Closed
3.	William Hall	Mr. Hall to determine the time requirements and signature process for getting the AFCEC signature on the upcoming ROD Amendments.	18 Feb 2015	New
4.	William Hall	Mr. Hall to review the ASTM E2893 Standard Guide for Greener Cleanups and what historically has been done along the lines of GSR.	18 Feb 2015	New
5.	William Hall	Mr. Hall to ask if we can use DERA funds for the beneficial reuse of treated groundwater under AFCEC's "net-zero energy policy".	18 Feb 2015	New
6.	Adrianna Constantinescu	Ms. Constantinescu to provide the RWQCB site closure summary form to Mr. Smith for distribution.	18 Feb 2015	New
7.	Mark Smith	Mr. Smith to provide updates on PFOS and PFOA as he becomes aware of them.	18 Feb 2015	New
8.	Adrianna Constantinescu	Ms. Constantinescu to ask for guidance from her management to see if any action is required from Travis AFB regarding the cleanup order.	18 Feb 2015	New