

**Travis Air Force Base  
Environmental Restoration Program  
Restoration Advisory Board (RAB) Meeting**

***Meeting Minutes***

18 October 2012

**I. Welcome and Introduction**

**Mr. Smith** called to order the regular meeting of the **Travis AFB RAB** at **8 pm** on **18 October 2012** in the **classroom** at the **Northern Solano County Association of Realtors office**. General introductions were made. Mr. Smith thanked Lt. Col Guinan, David Marianno, Supervisor Reagan, the regulatory agency representatives, and everyone for attending. Mr. Smith announced that this evening's RAB meeting followed the Travis AFB Groundwater Proposed Planned public meeting and, as a result, started a little later than usual.

**Roll Call**

The following RAB members were present:

<b>Name</b>	<b>Affiliation</b>	<b>Present</b>
Lt. Col Guinan	USAF, Travis AFB (Air Force Co-Chair)	✓
David Marianno	Suisun City Resident (Community Co-Chair)	✓
Jim Dunbar	City of Fairfield Representative	
Nadia Hollan Burke	U.S. Environmental Protection Agency (EPA)	✓
Adriana Constantinescu	SF Bay Regional Water Quality Control Board	✓
John Foster	Nat'l Association of Uniformed Services	✓
Supervisor Mike Reagan	District 5, Solano County Representative	✓
Jose Salcedo	Dept of Toxic Substances Control (DTSC)	✓
Philip Velez	Travis Armed Forces Committee	
Kate Wren Gavlak	Travis Unified School District	

Public Members present:

- Bill Cumberland                      Citizen
- Jack Batson                              Citizen

Agencies and Contractors present:

- Mark Smith                              Travis AFB 60CES/CEANR
- Glenn Anderson                      Travis AFB 60CES/CEANR
- Lonnie Duke                              Travis AFB 60CES/CEANR
- Brian Sassaman                      Travis AFB 60CES/CEANR

- Gregory Parrott Travis AFB 60 AMW/JA
- Merrie Schilter-Lowe Travis AFB AMW/PA
- Dawn Wright Dept of Toxic Substances Control (DTSC)
- Mary Snow Techlaw Inc
- Mike Wray CH2M HILL
- Rachel Hess ITSI Gilbane
- Clare Gilmore ITSI Gilbane
- Joe Yeasted ITSI Gilbane
- Alison Jones Arcadis
- John Clark URS Corp

## II. **Approval of minutes from last meeting**

The previous meeting minutes were approved as written.

## III. **Additional Agenda Items and Questions**

Mr. Smith asked if there were any questions about the agenda or if anyone had any additional items not already on the agenda. He stated that there will also be an opportunity at the end of the meeting to add agenda items or ask questions. Mr. Smith announced that Mr. Duke will discuss the “FT005 Soil Cleanup”, and that Mr. Smith will discuss the “Cleanup Program Status” and provide information on “Future Planning”.

## IV. **Discussion Topics**

FT005 Soil Cleanup: Mr. Duke presented information on the FT005 Soil Cleanup

Background: Site FT005 is a former fire training area that was used from 1962 to 1987. This site was also used as a construction debris site in the early 1990s.

FT005 is the last soil remediation site. The fieldwork conducted in 2011 completed the soil remediation action required to meet industrial land use controls. However, because this is a Performance Based Contract (PBC) and Air Force policy was changed recently in an effort to meet stricter residential cleanup levels, the objectives of this project were to cleanup the soil to residential standards. Achievement of this cleanup objective is referred to as Unrestricted Use/Unlimited Exposure (UU/UE). At the time of the recent policy change, there was enough budget remaining in the existing PBC contract to continue the cleanup efforts to achieve UU/UE for the site.

Mr. Duke presented photographs of the fieldwork that was conducted to meet the residential cleanup; digging and loading the excavated soil onto trucks, soil being

stockpiled covered with a tarp, and water used for dust control. The remaining in-place soil was sampled for confirmation that residential cleanup levels were met. The excavated soil was transported to Potrero Hills Landfill for disposal. Clean fill soil was imported from the Potrero Hills borrow quarry to backfill the excavation. When backfilling was completed, the site was graded smooth and cast with seeds to reestablish the vegetation cover.

- To meet Industrial Cleanup Levels, 5,994 cubic yards (CY) of soil was removed.
- To meet Residential cleanup levels (UU/UE), 5,798 CY of additional soil was removed.
- 30 tons of concrete with rebar and 10 tons of asphalt were recycled offsite.
- 120 tons of concrete was recycled on the Travis AFB runway project.
- 14,500 pounds of metal debris was recycled off-site.
- Seventeen tires were taken to Big-O-Tires for recycling.

The Remedial Action (RA) for Site FT005 has fulfilled the requirements of the NEWIOU Soil, Sediment and Surface Water ROD by removing soils exceeding industrial land use cleanup levels for PAHs. And because the RA also met residential cleanup levels, the Air Force will not implement alternative 17 – Land Use Controls (LUCs) for PAHs, TPH, PCBs, and dioxins. This site can now be used for whatever Travis AFB decides to use it for.

Mr. Duke concluded by saying it took approximately 1 ½ weeks of additional remediation work to meet residential cleanup levels. Mr. Smith thanked ITSI for their cleanup efforts in meeting residential cleanup levels.

## V. Cleanup Program Status

Mr. Smith presented information on Future Planning: Land Use Control Site Cleanups, and the Third 5-Year Review study.

Land Use Control Site Cleanups:

Mr. Smith said it made sense that if a site was going to be used for industrial purposes, there was little reason to clean up beyond industrial cleanup levels. If site contaminants are above residential cleanup levels, then Travis AFB would use LUCs to protect human and ecological receptors. This allows workers to be on a LUC site for 8-hour shifts, which protects against long term exposure.

Mr. Smith presented a map showing Travis AFB soil sites that are currently slightly above residential cleanup levels. The map shows the locations of the soil cleanup actions that have met industrial cleanup levels. Each year Travis AFB produces a report on LUCs that are in place, such as fences and signs. The report also provides a map of the LUC sites

which is used by the Travis AFB planners to help protect people, animals and the environment. Travis AFB uses the map at the Excavation Permit meetings to illustrate the industrial cleanup level soil sites and the levels of contamination.

The following items are germane to meeting the Air Force policy to reduce environmental liabilities:

- 2010 Air Force policy is to close LUC sites. There is a cost associated with LUC sites, which includes things like maintaining fences, signs, etc.
- The LUC sites need to be revisited to evaluate the cost and feasibility of achieving site closure.
- Cleanup to residential standards differs from cleanup agreements reached in past Records of Decision (RODs). May need to conduct a site remedial investigation and feasibility study.
- When changing the remedy that is in a ROD, it will require either an Explanation of Significant Differences (ESD), or an amendment to the ROD.

Travis AFB will revisit the LUC sites. As indicated above, this may include conducting another remedial investigation to confirm level and spatial distribution of contaminants. And further, the Air Force would work with the regulatory agencies to conduct another feasibility study, and create a decision document based on the findings. At this time we will just review the sites to see if it is economically feasible to cleanup to UU/UE.

Five-Year Reviews:

The purpose of a five-year review (5YR) is to determine whether a remedy that was selected in a ROD and implemented at a site continues to be protective of human health and the environment. The methods, findings, and conclusions are documented in the five-year review report. In addition, the report identifies actions that may be required to meet the protectiveness requirements. Five-year reviews are mandated by the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) of 1980, and the National Contingency Plan. The Department of Defense (DOD) and Environment Protection Agency (EPA) have guidance that Travis AFB follows for 5YRs.

The specific purpose of this third 5YR is to verify that the groundwater IRAs, and the soil and sediments RAs continue to be protective of human health, animals, and the environment. This 5YR includes 25 sites. The report is due in July 2013.

## VI. **Regulatory Agency Reports**

Ms. Burke with EPA and Mr. Salcedo with Dept of Toxic Substances Control had nothing new to report. Ms. Constantinescu introduced herself and provided a brief background; she worked on Travis AFB projects six years ago in 2006, was then reassigned to the Toxics division. Ms. Constantinescu said she is happy to be back and to be a part of the

Record of Decision (ROD) process. Mr. Freidman, from the SF Bay Regional Water Quality Control Board, who was recently replaced by Ms. Constantinescu, has been reassigned.

**VII. Focus Group Reports**

Mr. Smith thanked the focus group for reviewing the following documents.

- Groundwater Sampling and Analysis Program Technical Memorandum.
- Assessment of Aerobic Chlorinated Co-metabolism Enzymes Technical Memorandum.
- LF007C Data Gaps Investigation Technical Memorandum.
- Groundwater Proposed Plan.

**VIII. Set Date and Place for Next RAB Meeting**

The next RAB Meeting is scheduled for **18 April 2013** at the office of the Northern Solano County Association of Realtors in Fairfield.

**IX. Adjournment**

**Mr. Smith** adjourned the meeting at **8:26 pm**.

Minutes submitted by: Jeannette Cumberland, CH2M HILL

Minutes approved by: Mark Smith