

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

***Final Meeting Minutes***  
October 20, 2022

Name	Affiliation	Present
Bobbie Campbell	USAF, Travis AFB (Air Force Co-Chair)	✓
John Foster	RAB Member	✓
Jim Dunbar	RAB Member	
David M. Feinstein	RAB Member	✓
W.T. Jeanpierre	RAB Member	
Mike Reagan	RAB Member	✓
Thomas Randall	RAB Member	
Patricia Shamansky	RAB Member	✓
Gale Spears	RAB Member	
Adriana Constantinescu	SF Bay Regional Water Quality Control Board	✓
Nadia Hollan Burke	US Environmental Protection Agency	✓
Kimiye Touchi	Department of Toxic Substances Control	✓

**Public Members Present:**

- Mark Goltz           Community Member
- Rosemary Ingram   Community Member

**Agencies and Contractors Present:**

- Mobashir Ahmad   Travis AFB
- Chet Storrs       Travis AFB
- Louis Briscese     Travis AFB
- Kerry Klosterman   DTSC
- Megan Duley       SRS/Oneida
- Chris Coonfare     FPM
- Jill Dunphy        Jacobs
- Leslie Royer       Jacobs

**Administrative Notes**

Mr. Chet Storrs, Restoration Program Manager, called to order the regular meeting of the Travis AFB RAB at 7:01 p.m. on October 20, 2022. The meeting was held virtually via Microsoft Teams.

Mr. Storrs gave instructions for participating in the virtual meeting.

**Welcome Remarks and Introductions**

Mr. Storrs noted the following:

The five bullet items on the proceedings for the evening as noted in the Agenda were read into the record.

Mr. Bobbie Campbell, Deputy Director for Installation Support, of the 60<sup>th</sup> MSG Park Group was introduced.

Mr. Campbell addressed participants stating that he was looking forward to hearing the updates as well as answering any questions.

He thanked people for their efforts in making the meeting possible and keeping the community advised, aware and updated on Travis Air Force Base efforts at restoration.

Attendees from the regulatory agencies (Department of Toxic Substances Control [DTSC], United States Environmental Protection Agency [USEPA], and the San Francisco Regional Water Quality Control Board [Water Board]), introduced themselves, followed by attendees from project contractors (FPM, Jacobs, and Oneida).

### **Administrative Notes**

Protocols and instructions for participation were discussed.

The proceedings are being recorded by a professional meeting reporter and minutes of the meeting will be produced.

### **RAB Discussion and Voting**

The purpose of the Restoration Advisory Board (RAB) is to establish and maintain a forum with the Air Force, regulatory agencies, and the community.

RAB membership criteria was discussed and a number of RAB activities were noted.

### **Program and Agency Updates**

A list of updates to be given during the evening was discussed.

#### **1. Five Year Review**

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the National Contingency Plan (NCP) require that any site on the National Priorities List with a remedy in place must undergo a review every five years to ensure that the remedy continues to be protective of human health and the environment. Findings are documented in a report. Details of the upcoming five year

review were discussed including timelines, purpose and findings associated with these laws.

## 2. Aqueous Film Forming Foam (AFFF) Remedial Investigation

Ms. Megan Duley, Remedial Investigation Project Manager, presented the following:

On behalf of the Air Force, Oneida is working with regulatory agencies involved in the Remedial Investigation (RI).

There are 16 areas currently under investigation for PFAS, also known as forever chemicals.

The chemical of concern (COC) is aqueous film forming foam (AFFF).

Basewide groundwater and soil sampling are an integral part of the RI.

### Investigation Objectives

A major objective is the development of the conceptual site model which will provide recommendations and support future human health and ecological risk assessment decisions.

### AFFF Investigation Areas

A map of the Base was shown. Locations and areas involved in the RI were discussed.

### Sequence of Events

A visual timeline showing sequence of events during the five-year contract and techniques to be utilized in the RI was discussed.

Mr. Storrs added that an attempt is being made to install wells off Base. This process is somewhat challenging and problematic for the Travis ERP team.

Field Events 1, 2, and 3 were discussed, accompanied by pictures showing on-site activities.

### Next Steps

Collected data will be analyzed and recommendations for Field Event 3 will be made.

Lysimeters will be installed and monitored on an ongoing basis.

A timeline for reporting and data analysis was noted.

Community Member Mark Goltz asked if there were any off-Base supply wells that might be of concern.

Mr. Storrs replied that the Air Force determined that there are three private-drinking wells that are impacted by PFAS. Treatment systems have been installed and sampling has determined a non-detect condition for PFAS.

### 3. Optimized Remediation Contract

Mr. Storrs introduced this item:

The Optimized Remediation Contract (ORC) is a 10-year contract with FPM/Jacobs.

A map indicating the location of all 21 sites in some phase of remedial action under the ORC was shared with attendees.

The first part of this agenda item is an update of Site ST028.

Site ST028 was an old fuel farm consisting of 18 underground storage tanks (UST) holding predominantly diesel jet fuel (JP4), and waste oil.

This site is a petroleum-only contamination (POCO) site. The Regional Water Quality Control Board is the lead regulatory teammate for dealing with these types of sites.

The fuel farm was closed and all USTs were removed and the 2015 Investigation indicated that there were no leaking tanks. The site was closed.

In November of 2021 JP4 was detected in stormwater at a concentration of 61 micrograms per liter.

ST028 was reopened and this was reported to Congress. The site was designated as a POCO site.

RAB Member Pat Shamansky asked if the Air Force was aware of the JP4 line in 2015 to 2017 when the site was closed.

Mr. Storrs replied that the Air Force was not aware of the JP4 fuel transfer line because it would not have been part of the ST028 Site which consisted explicitly of USTs and the fuel farm.

Ms. Leslie Royer presented the following:

I will be discussing activities conducted under the ORC (Optimized Remediation Contract) in 2022.

Some of the activities conducted include land use control (LUC), operation and maintenance (O&M) of groundwater remedies, groundwater monitoring, corrective action management unit monitoring, data gap investigation at Site SD031 and upgrading of the control system at Site SS016.

In 2021 the Site SD031 area was expanded to include what had been used to support maintenance and refueling of interceptor jets and transport planes. This was a significant increase in the area being investigated.

The nature and extent of the contamination in this area is still not fully understood.

The data gap investigation (DGI) in 2022 targeted petroleum hydrocarbons and chlorinated volatile organic compounds (CVOCs).

DPT (Direct Push Technology) was utilized to facilitate this investigation, as well as sensors to evaluate the presence or absence of petroleum hydrocarbons and CVOCs.

The sensor readings indicated that chemicals of concern were present in all the locations tested.

Planned activities for 2023 were stated, which include ongoing activities at four sites, optimization of groundwater remedies at five sites, a corrective action plan for Site SS014, and a data gap investigation at Site ST028.

#### Environmental Protection Agency

Ms. Nadia Burke addressed attendees stating that EPA is working with the Air Force and other agencies in the continuing clean-up efforts.

Oil pollution found in Union Creek involved the EPA Emergency Response Group because the Oil Pollution Act addresses any kind of oil spill or discharges to waters of the U.S. Both JP-4 and JP-8 have been detected.

Mr. Storrs further explained that the jurisdictional parameters for agencies involved in the clean-up of COCs in water bodies downgradient of the release, as well as funding mechanisms, is proving to be a challenge. He added that State and federal agencies must abide by their specific charters and guidelines that make coordinated efforts difficult at times.

#### Department of Toxic Substances Control

Ms. Kimiye Touchi stated that DTSC reviews the same documents that are provided to EPA and the Water Board in an effort to coordinate their activities.

Mr. Christopher Scudder presented the following:

I assist Ms. Touchi and the rest of the DTSC team in reviewing documents.

CalEPA has a website called California Climate Dashboard addressing climate change in California and measures being taken to combat it.

The main goal of this program is to reduce California's annual carbon emissions load and California is on track to meet a 2030 target of reducing our load back to 1990 levels.

The website provides users with definitions, justifications as well as solutions being used to meet the 2030 target.

CalEPA is the umbrella for most of the state agencies including the Water Board, DTSC, California Department of Fish and Wildlife and others.

A pie chart showing carbon emission sources was shared showing transportation to be the biggest source.

The COVID-19 pandemic contributed to a significant decrease in carbon emissions because many people were not commuting to work.

Benefits associated with reduced carbon emissions can be found on the website.

Water and drought and concomitant events are significant outcomes of climate change.

DTSC is putting a lot of effort into formulating a way to tackle sea level rise.

DTSC is attempting to implement policy and narrative that all bases across California need to be sea level rise resilient including landfills located on those bases.

#### San Francisco Regional Water Quality Control Board

Ms. Adriana Constantinescu presented the following:

I am an engineering geologist with the San Francisco Bay Water Board overseeing the environmental restoration project at Travis Air Force Base.

Today I will introduce three topics: Water Board regulatory role at Travis AFB, Water Board oversight of POCO sites and Update on site investigation at former UST 1768.

The mission of the San Francisco Water Board is to protect and restore surface and groundwater uses in the San Francisco Bay Region.

We are a support agency for CERCLA sites, and the lead agency for petroleum only contaminated sites (POCO).

A major task of the San Francisco Water Board is to review the process for investigation and clean-up of POCO sites via review and comments on various technical documents, and attendance at meetings and conference calls.

The Water Board determines if a No Further Action (NFA) designation is appropriate for these sites.

Mr. Storrs added that No Further Action is defined as unlimited use and unrestricted exposure of the site.

In August of 2022 the Water Board approved the Site UST 1768 Assessment Report and the recommendations for this site.

Mr. Storrs stated that Former UST means that there was an underground storage tank there at some point and it is no longer being utilized and has been removed, or the capacity of the tank to conduct operations has ceased.

### **Public Comments and Closing Remarks**

Mr. Storrs asked for questions or comments from attendees.

RAB Member Pat Shamansky asked about any plans for a field trip to see sites on the Base.

Mr. Storrs responded by asking Ms. Shamansky what might be acceptable dates for such an event.

Ms. Shamansky expressed an interest in this and Mr. Storrs recommended discussion with other interested parties to determine future dates for this possibly in November.

Mr. Storrs noted that the closer to a RAB meeting a scheduled site visit is the greater the interest is on the part of potential visitors. Four RAB Members expressed interest in a group visit to Base sites. He stated that he would put together potential dates and email RAB Members to determine the date most acceptable to them.

Mark Goltz was approved as a new RAB Member by a voice vote with no abstentions or objections.

RAB Member Ms. Shamansky moved for approval of John Foster as Community Co-Chair, seconded by RAB Member David M. Feinstein. The motion passed by a voice vote with no abstentions or objections.

Mr. Storrs stated that the next RAB meeting will be held on April 20 at 7:00 pm in person. The location will be in Fairfield.

### **Adjournment**

Mr. Storrs adjourned the meeting at 8:54 p.m.