

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

Revised Meeting Minutes

April 18, 2024

| Name | Affiliation | Present |
|------------------------|---|---------|
| Bobbie Campbell | USAF, Travis AFB (Air Force Co-Chair) | ✓ |
| VACANT | USAF, Travis AFB (Air Force Co-Chair) | |
| Jim Dunbar | RAB Member | |
| David M. Feinstein | RAB Member | ✓ |
| Mark Goltz | RAB Member | |
| W.T. Jeanpierre | RAB Member | |
| Jared Neumayer | RAB Member | |
| Thomas Randall | RAB Member | ✓ |
| Patricia Shamansky | RAB Member | ✓ |
| Adriana Constantinescu | SF Bay Regional Water Quality Control Board | ✓ |
| Nadia Hollan Burke | US Environmental Protection Agency | |
| Vicky Wiraatmadja | US Environmental Protection Agency | ✓ |
| Alberto Gutierrez | Department of Toxic Substances Control | ✓ |
| | | |

Public Members Present:

- Unidentified member of the public arrived while the meeting was in progress

Agencies and Contractors Present:

- Mark Bonsavage Travis AFB
- Louis Briscese Travis AFB
- Kurt Grunawalt Travis AFB
- David (DJ) McGraw Travis AFB
- Matt Pellegrine Travis AFB
- Leslie Peña Travis AFB
- Thomas Rory Travis AFB
- Brian Sassaman Travis AFB
- Chet Storrs Travis AFB
- Casey Sturdivan Travis AFB
- Monica O'Sullivan AFCEC
- Megan Duley SRS/Oneida
- Alyse Gutierrez SRS/Oneida
- Alexander Banks SRS/Oneida
- John Kelly SRS/Oneida
- Jacques Marcillac SRS/Oneida
- Doug Berwick Jacobs

- Jill Dunphy Jacobs
- Leslie Royer Jacobs

Welcome Remarks & Introductions

Mr. Chet Storrs, Restoration Program Manager, called to order the regular meeting of the Travis AFB RAB at 7:05 p.m. on April 18, 2024. The meeting was held at the Northern Solano County Association of Realtors, 3690 Hilborn Road, Fairfield, CA 94534.

Meeting attendees introduced themselves.

Mr. Storrs noted the location of restrooms, snacks available and exits, and that meeting protocol would follow Robert's Rules of Order.

The agenda items published for the meeting were briefly discussed.

- Welcome Remarks & Introductions
- Voting
- Program Updates
- Agency Updates
- Public Comments
- Closing Remarks

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

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

Voting

Mr. Storrs noted that a quorum was not present and thus voting would have to be postponed.

Ms. Pat Shemansky was nominated to be a RAB Co-Chair and Mr. Storrs will follow up on the voting process. Mr. Storrs stated that RAB Members may vote electronically if not physically present.

Meeting minutes from April 2022, October 2022, and April 2023 were approved via email prior to the meeting.

Program Updates

Chet Storrs/Travis AFB:

Community Involvement Plan (CIP)

The Community Involvement Plan (CIP) documents how the Travis Environmental Restoration Program communicates with the community. The final version of this document is forthcoming.

Five Year Review

The Five Year Review looks at the current remedies at Travis AFB based on Records of Decisions (RODs) to determine if they are accomplishing what they are designed to do. The Final version of this document is forthcoming; the EPA is working on their protectiveness determination.

Our systems were not designed to test for PFAS, and this will potentially affect both short-term and long-term protectiveness.

AFFF/PFAS Remedial Investigation

Megan Duley/Oneida discussed an overview of the project.

Major field activities were listed and briefly explained.

Currently, there are 16 AFFF areas of investigation.

A Sequence of Events timeline graph was shown and explained.

Actions pertinent to Field Event #2 and Field Event #3 were listed and discussed.

A map showing the locations of newly installed monitoring wells was shared with attendees.

Lysimeter technology and use in Area 5 and Area 6 was presented.

Four activities necessary for Next Steps were noted – evaluation of all data, quarterly sampling of lysimeters in April and July 2024, continue development of the conceptual site model, and complete the Phase 1 RI Report in 2025.

The analytical laboratory contracted by Oneida is located in Fresno, California.

The Air Force has gone to a PFAS-free foam for use in firefighting.

There is collaboration among regulatory agencies regarding PFAS strategies.

The DOD and the Air Force are also undertaking a concerted effort and have been out front on a lot of the developments specific to PFAS mitigation.

Solar Powered Organic Carbon Systems

Doug Berwick/Jacobs

The purpose of the Solar Powered Organic Carbon Systems (SPOCs) is to treat groundwater contamination – chlorinated volatile organic compounds (VOCs).

The first pilot-test SPOC unit was deployed at Site SS015 in February 2020.

SPOC technology and processes were briefly explained.

A more portable SPOC system was designed and is currently in use.

A SPOC System Fleet of 9 units is currently being planned.

We are sharing our design and technology with other bases and clients.

Longevity duration at any specific site depends on what the data indicates is the level of mitigation produced. It could be years, or it could be months.

ST028 Data Gap Investigation (DGI) Update

Leslie Royer/Jacobs presented the Site ST028 background to attendees.

Factors necessitating the Site ST028 DGI were itemized and discussed.

The three phases involved in ST028 fieldwork were discussed.

Results summaries for Soil Passive Soil Vapor - Phase1, Phase 2, and Phase 3 were presented.

Groundwater Results Summaries for Phase 2 and Phase 3 were discussed.

Conclusions for the ST028 DGI were summarized.

Agency Updates

United States Environmental Protection Agency (EPA)

Vicky Wiraatmadja presented the following:

At our last meeting we mentioned that EPA is proposing a national drinking water standard for certain PFAS or a maximum contaminant level or MCL.

On April 10, the final MCLs were released.

There are specific MCLs for specific chemicals as well as a hazardous index approach to evaluate the mixture of certain PFAS.

The MCLs are quite low, and they range from 4.0 parts per trillion (ppt) to 10.0 parts per trillion.

The toxicity data associated with these chemicals is a significant factor in establishing these low levels of MCLs.

These extremely low MCLs present challenges in applying them to drinking water standards.

Drinking water systems may need to make changes to how they treat their drinking water.

There is an implementation timeframe associated with these MCLs. These timeframes were specified and explained.

After five years of implementation, these MCLs will be fully enforceable and drinking water systems must comply.

Smaller drinking water systems may need help in complying and there is EPA funding available. There are billions of dollars available to help qualifying systems.

Laboratories can now test down to one part per trillion.

The ability to test for specific types of PFAS is developing as are guidelines for classification of groups of PFAS contaminants.

Mr. Storrs reiterated that DoD has been looking at PFAS for years and is at the lead on this in many instances.

All of our off-base wells have detections of PFAS, and we are seeking additional funding. The establishment of these MCLs dramatically affects how we treat this situation.

Laboratories' ability to test at these low MCLs is relatively new.

Travis AFB uses fully accredited laboratories for this testing.

San Francisco Region Water Quality Control Board (SFRWQCB)

Adriana Constantinescu with the San Francisco Region Water Quality Control Board presented the following:

I am an engineering geologist overseeing groundwater protection activities at Travis AFB.

We are happy at the state level that the federal agency adopted MCLs for PFAS, and we are working to adopt the California MCLs and they will be comparable to the EPA levels or a little bit lower.

The process and implementation timeline for California MCLs will be presented on the State Water Board website.

Laboratories were able to detect lower levels of PFAS after 2022.

One year ago, I presented our concerns about the releases into Union Creek starting with the rainy season of 2021-2022.

A lot of progress has been made in the last year from April 2023 to April 2024.

We are confident that the remedial actions that will be implemented will resolve the issue of releases into Union Creek before the 2024-2025 rainy season.

Department of Toxic Substances Control (DTSC)

Alberto Gutierrez, Project Manager at DTSC presented the following:

I picked up the Travis AFB site about one month ago and I am currently working on getting up to date on developments.

PFAS reviews and guidelines are ongoing and being developed.

Public Comments

Mr. Storrs asked for any additional comments from the public.

In response to an inquiry, Mr. Storrs stated that there are currently 7 RAB Members, and a quorum consists of 4 RAB Members.

Closing Remarks

Co-Chair Bobbie Campbell thanked everyone for their attendance and input.

Mr. Storrs presented pertinent information links for the public.

Our next RAB Meeting will be Wednesday, April 16, 2025.

This concluded the RAB meeting.