

**Travis Air Force Base  
Environmental Restoration Program  
Restoration Program Manager's  
Meeting Minutes  
17 May 2023, 1000 Hours**

Mr. Chet Storrs of the Air Force Civil Engineer Center (AFCEC) Restoration Installation Support Section (ISS) conducted the Restoration Program Manager's (RPM) meeting on 17 May 2023 at 1000 hours. This meeting was held in-person with a Microsoft Teams option and a call-in audio only option for those who could not attend in person.

**Attendees included:**

|                          |                      |
|--------------------------|----------------------|
| • Chet Storrs            | AFCEC/CZOW           |
| • Mobashir Ahmad         | AFCEC/CZOW           |
| • Monika O'Sullivan      | AFCEC/CZOW           |
| • Lou Briscese           | Travis AFB 60 AMW/PA |
| • Monique Nixon          | AFCEC/CZRW           |
| • Ryan Sinnott           | USACE-Sacramento     |
| • Nadia Burke            | EPA                  |
| • Vicky Wiraatmadja      | EPA                  |
| • Kimiye Touchi          | DTSC                 |
| • Dave Kremer            | DTSC                 |
| • Christopher Scudder    | DTSC                 |
| • Adriana Constantinescu | RWQCB                |
| • Megan Duley            | SRS                  |
| • Bob Mallisee           | SRS                  |
| • Alysse Gutierrez       | SRS                  |
| • Luis Rivero            | Bayside              |
| • Cindy Liu              | ERRG                 |
| • Mary Holkenbrink       | ERRG                 |
| • Shannon Parker         | ERRG                 |
| • Chris Coonfare         | FPM                  |
| • Leslie Royer           | Jacobs               |
| • Mike Perlmutter        | Jacobs               |
| • Jill Dunphy            | Jacobs               |

Handouts distributed prior to the meeting included:

- Attachment 1: Meeting Agenda
- Attachment 2: Action Item Status
- Attachment 3: Master Meeting and Document Schedule
- Attachment 4: Travis AFB PFAS Update (May 2023)
- Attachment 5: Travis AFB LUC Update (May 2023)
- Attachment 6: Five Year Review Update (May 2023)
- Attachment 7: ORC Program Update (May 2023)
- Attachment 8: Presentation - Groundwater Treatment Systems Update (March and April 2023)
- Attachment 9: Presentation: Phase 1 Remedial Investigation of PFAS Areas (March 2023)

## **I. TRAVIS AFB UPDATES**

### **A. ADMINISTRATIVE**

#### **1. Agenda and Introductions**

Mr. Storrs started the meeting and reviewed the agenda.

Mr. Storrs introduced Ms. Monika O’Sullivan to the team. Ms. O’Sullivan works with the Environmental Restoration Program. She had worked at Travis AFB previously with Lonnie Duke, focusing on PFAS, then moved into compliance work. She worked with EPA for several years and is now back with the Restoration program.

Mr. Storrs also introduced Ms. Cindy Liu to the team. She works with ERRG and together with Bayside Engineering, is working on the Five-Year Review.

Mr. Storrs informed the team that he will be out of the office from 3 June through 16 June.

#### **2. Action Item Review (Attachment 2)**

Mr. Storrs reported on the status of action items from the March 2023 RPM Meeting. Please see Attachment 2 for full briefing.

The team agreed that Action Item 2 will remain open until the JEP is locked by Mr. Storrs.

#### **3. Master Meeting and Document Schedule Review (see Attachment 3)**

The Travis AFB Master Meeting and Document Schedule (MMDS) was discussed during this meeting (see Attachment 3).

## **Travis AFB Annual Meeting and Teleconference Schedule**

The next RPM Meeting is scheduled for 16 August 2023. This will be an in-person meeting with MSTeams and call-in options.

## **Travis AFB Master Document Schedule**

- Site SD031 RI Work Plan: This is a new document. The Travis AFB document lead will be Mobashir Ahmad. The Jacobs document lead will be Tony Chakurian. The Predraft to AF/Service Center was assigned a due date of 18 July 2023; the rest of the dates were assigned accordingly.
- Community Relations Plan (CRP) Update: There was no change to the schedule.
- Subarea LF007C Groundwater Extraction Optimization Work Plan: The Response to Comments due date was changed to 22 May 2023. The rest of the dates were changed accordingly.
- Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization Work Plan: The Response to Comments due date was changed to 26 May 2023. The rest of the dates were changed accordingly.
- Site SD031 Data Gaps Investigation Technical Memorandum: The Draft to Agencies due date was changed to 16 March 2023; the rest of the dates were changed accordingly.
- POCO Site SS014 Subsite 1 Remedial Action Report Addendum (RAR-A\_): The Predraft to AF/Service Center due date was changed to 16 June 2023; the rest of the dates were changed accordingly.
- POCO Site ST028 Data Gap Investigation Work Plan: The Response to Comments due date was changed to 19 May 2023, the rest of the dates were changed accordingly.
- 2022 Annual Groundwater Remediation Implementation Status Report (GRISR): This is a new document. The Travis AFB document lead will be Mobashir Ahmad. The Jacobs document lead will be Leslie Royer. The Predraft to AF/Service Center was assigned a due date of 17 May 2023. The rest of the dates were assigned accordingly.
- Remedial Action Construction Completion Report Site SS016 (Site SS016 RACCR): The Draft to Agencies due date was changed to 12 May 2023; the rest of the dates were changed accordingly.
- 2022 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report: This is a new document. The Travis AFB document lead will be Mobashir Ahmad. The Jacobs document lead will be Dan Chern. The Predraft to AF/Service Center was assigned a due date of 8 May 2023, the rest of the dates were assigned accordingly.
- UFP-QAPP Addendum No. 2: There was no change to the schedule.

- Five Year Review: The Predraft to AF/Service Center due date was changed to 26 April 2023; the rest of the dates were changed accordingly. A meeting to discuss the findings was proposed for 10 August 2023 from 1300 – 1500. Ms. Touchi has not heard back from some of her teammates regarding schedule, but took the action to let the Air Force know of their availability by the end of today's meeting.

**Moved to history:**

- Uniform Federal Program Quality Assurance Program Plan (UFP-QAPP)
- 2021 Annual Groundwater Remediation Implementation Status Report (GRISR)
- 2021 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report

**B. CURRENT PROJECTS**

**1. PFAS Update (Attachment 4)**

Mr. Storrs reported on the PFAS updates for Travis AFB. Please refer to Attachment 4 for the full briefing. Highlights of the discussion are as follows:

- Regarding the No Further Action-1 (NFA-1), Ms. Constantinescu stated that the Water Board concurs with EPA's comments and will not be providing their own.
- Also regarding the NFA-1, Mr. Storrs and Ms. Nixon clarified that the NDAA, which was signed two years ago, directs the DoD to complete the PA/SI phase of investigation by the end of December 2023. The additional phases of investigation, including potential step-outs, are not bound by a deadline.
- Ms. Burke complimented the Air Force on the progress of responses to the letter EPA sent on 18 January 2023. Mr. Storrs stated that many of EPA's requests needed to be resolved via AFCEC direction, noting an additional effort to look at Travis AFB more holistically for all contaminants.

**2. LUC Updates (Attachment 5)**

Mr. Storrs reported on the status of the LUC sites at Travis AFB. Please refer to Attachment 5 for the full briefing.

**C. PROGRAM ISSUES/UPDATE**

None.

**D. ACTION ITEMS** (*indicating status as of meeting adjournment*)

| Item # | Responsible | Action Item Description   | Due Date       | Status  |
|--------|-------------|---|----------------|---------|
| 1      | Chet Storrs | Mr. Storrs to request (and provide, if available) documentation (including daily field logs) of soil removal and disposal from the area associated with Buildings 16, 18, and 21 and any other soil removal that occurred in preparation for construction or during construction of the KC-46 Hangar; both under CERCLA and as part of MILCON activities. | 16 August 2023 | Ongoing |
| 2      | Chet Storrs | Mr. Storrs to review the DSMOA process, and work with Leslie Royer/Jacobs regarding list of documents forthcoming for Water Board review that have not yet been entered into the Joint Execution Plan (JEP), and add them to the JEP.   | 16 August 2023 | Ongoing |

**II. FIVE YEAR REVIEW UPDATES**

**A. Administrative**

All administrative topics were discussed earlier in the RPM meeting.

**B. CURRENT PROJECTS**

**1. Fifth Five Year Review Overview (Attachment 6)**

Ms. Liu reported on the status of the Fifth Five Year Review being conducted at Travis AFB. Please see Attachment 6 for the full briefing.

Ms. Touchi will let ERRG know DTSC team availability for the comment resolution meeting, tentatively scheduled for 10 August 2023 from 1300 until 1500.

**C. PROGRAM ISSUES/UPDATE**

None.

**D. ACTION ITEMS** (*indicating status as of meeting adjournment*)

| Item # | Responsible   | Action Item Description  | Due Date    | Status |
|--------|---------------|--|-------------|--------|
| 3      | Kimiye Touchi | Ms. Touchi will let the Air Force and ERRG know of DTSC teammates' availability to meet for a comment resolution meeting on 10 August 2023 from 1300 – 1500 Pacific Time | 17 May 2023 | Closed |

### III. OPTIMIZED REMEDIATION CONTRACT UPDATES

#### A. Administrative

All administrative topics were discussed earlier in the RPM meeting.

#### B. CURRENT PROJECTS

##### 1. Program Update (Attachment 7)

Ms. Royer reported on the status of the Optimized Remediation Contract at Travis AFB. Please see Attachment 7 for the full briefing.

Ms. Royer noted that she will inquire with FPM regarding when data to support Response Complete at Site LF006 has been validated.

Mr. Storrs said he will check with his team regarding dates for a meeting to discuss the Response Complete status at Site LF006 and will send out a meeting invitation.

##### 2. Groundwater Treatment Systems Update (Attachment 8)

Ms. Royer reported on the status of the groundwater treatment systems at Travis AFB at Travis AFB. Please see Attachment 8 for the full briefing.

#### C. PROGRAM ISSUES/UPDATE

None

#### D. ACTION ITEMS *(indicating status as of meeting adjournment)*

| Item # | Responsible  | Action Item Description  | Due Date       | Status |
|--------|--------------|--|----------------|--------|
| 4      | Leslie Royer | Ms. Royer will check with FPM regarding anticipated date for receiving validated data supporting Response Complete at Site LF006.                    | 16 August 2023 | Open   |
| 5      | Chet Storrs  | Mr. Storrs will check with the team regarding a date for a meeting to discuss the Response Complete status at site LF006 and send out an invitation. | 16 August 2023 | Open   |

#### **IV. SRS PFAS CONTRACT**

##### **A. ADMINISTRATIVE**

All administrative topics were discussed earlier in the RPM meeting prior to the Oneida Team presentation.

##### **B. PRESENTATIONS**

###### **1. Travis AFB Phase I RI of PFAS Sites – Program/Issues/Update (Attachment 9)**

###### **Phase 1 Remedial Investigation Program/Issues/Update**

Megan Duley presented a diagram illustrating the current progress and upcoming activities as part of the data-driven process for the Phase I RI. The stakeholder meeting was held last month (18 April 2023). The Oneida team incorporated all initial feedback received into the UFP-QAPP Addendum No.2. The document is now in regulatory review with comments anticipated by 28 May 2023, or next working day, 30 May 2023.

###### **Next Steps**

Megan presented the slide documenting the recent past steps and future steps through Field Event #3.

###### **Offbase Monitoring Well Installation**

Megan presented the plan for the off-Base monitoring well installation which include 25 wells in 13 locations.

###### **Questions/Discussion**

- Ms. Burke ask if the off-Base wells were part of UFP-QAPP Addendum No. 2 or if they were previously approved. Ms. Duley said the shown 25 wells were reviewed with regulatory team and previously approved for Field Event #2. These locations were delayed to gain property access. The target plan includes installation of these wells while comments are resolved for the UFP-QAPP Addendum No. 2 so the field team can then shift to those field activities.
- Mr. Storrs said the well permits application for the off-Base wells are with the Solano County permit department.
- Ms. Burke said the EPA is interested in observing the drilling and asked to be informed of the actual start date. Ms. Duley said the start date will be shared and the length of the off-Base work is planned to take between 5 to 6 weeks before moving on Base to complete the activities in UFP-QAPP Addendum No.2.
- Mr. Storrs asked about the getting the detailed schedule on locations. Megan said the detail schedule is being worked out with the drillers and biologists and will be sent to the Air Force shortly.

- Mr. Storrs reminded that any on-Base drilling requires a dig permit. Ms. Duley said Bob Mallisee is working with Travis.

**C. ACTION ITEMS** *(indicating status as of meeting adjournment)*

| Item # | Responsible                         | Action Item Description  | Due Date    | Status |
|--------|-------------------------------------|--|-------------|--------|
| 6      | Megan Duley/<br>Alysse<br>Gutierrez | Ms. Duley or Ms. Gutierrez to send PFAS Phase I RI Meeting Minutes to Jacobs | 23 May 2023 | Open   |



**AGENDA**  
**TRAVIS AIR FORCE BASE**  
**ENVIRONMENTAL RESTORATION PROGRAM**  
**RESTORATION PROGRAM MANAGER'S MEETING**  
**17 May 2023**

The RPM meeting is scheduled for 10:00 am PST. This is an in-person meeting with a MS Teams join option and well as a call-in option. If you participate via MS Teams, you will see the shared documents that will be viewable by all participants.

**A. TRAVIS INSTALLATION SUPPORT SECTION**

---

**1. ADMINISTRATIVE**

- a. Introductions
- b. Previous Meeting Minutes
- c. Action Item Review
- d. Master Meeting and Document Schedule Review

**2. UPDATES**

- a. PFAS
- b. Land Use Controls

**B. BAYSIDE/ERRG FIVE YEAR REVIEW**

---

**1. UPDATE**

**C. JACOBS OPTIMIZED REMEDIAL CONTRACT (ORC)**

---

**1. ADMINISTRATIVE**

**2. PROGRAM UPDATE**

- a. Documents & Activities Completed, In Progress & Planned
- b. Groundwater Treatment Plant Updates

**D. ONIEDA PFAS REMEDIAL INVESTIGATION**

---

**1. ADMINISTRATIVE**

**2. PROGRAM UPDATE**



# Action Item Review

| Item # | Responsible | Action Item Description   | Due Date      | Action Taken  | Status |
|--------|-------------|---|---------------|---|--------|
| 1      | Jill Dunphy | Ms. Dunphy to combine Action Items 1 and 4.   | 31 March 2023 | Closed as written; see Action Item 2  | Closed |
| 2      | Chet Storrs | Mr. Storrs to request (and provide, if available) documentation (including daily field logs) of soil removal and disposal from the area associated with Buildings 16, 18, and 21 and any other soil removal that occurred in preparation for construction or during construction of the KC-46 Hangar; both under CERCLA and as part of MILCON activities. | 17 May 2023   | Mr. Storrs submitted the regulatory request for relevant documentation to the ROICC, who has not yet responded.   | Open   |
| 3      | Chet Storrs | Mr. Storrs to review the DSMOA process, and work with Leslie Royer/JACOBS regarding list of documents forthcoming for Water Board review that have not yet been entered into the Joint Execution Program (JEP) and add them to the JEP.   | 17 May 2023   | Mr. Storrs submitted a request to add these documents on 25 April. Ms. Jennifer Simpson (DTSC, state contact for DSMOA/JEP) responded on 26 April "State Activities, it looks like the final task/subtask is missing all of the State Activity Selections)." It appears that the State must take the next step. | Open   |
| 4      | Chet Storrs | Mr. Storrs to inquire about the planned occupation date for the new KC-46 Hangar.   | 17 May 2023   | The Ribbon Cutting ceremony was conducted on 16 March 2023; the building was occupied shortly thereafter.   | Closed |



# Action Item Review (cont'd)



| Item # | Responsible            | Action Item Description  | Due Date      | Action Taken  | Status |
|--------|------------------------|--|---------------|---|--------|
| 5      | Adriana Constantinescu | Ms. Constantinescu to check her records from 2018 regarding agreements between the Air Force and regulatory agencies on the scope of the planned VI sampling, and whether a sampling work plan had been included in the planned scope. | 31 March 2023 | Ms. Constantinescu sent an email closing this action item on 16 March 2023.             | Closed |
| 6      | Chet Storrs            | Mr. Storrs will discuss with AFLOA regarding boundaries of regulatory involvement in non-restoration activities as written in the FFA, groundwater ROD, and other documents  | 17 May 2023   | No updates  | Open   |
| 7      | Mobashir Ahmad         | Mr. Ahmad will resend the Draft Subarea LF007C Groundwater Extraction System Optimization Work Plan to the DTSC  | 15 March 2023 | Closed as written before March meeting adjourned  | Closed |
| 8      | Chet Storrs            | Mr. Storrs to send the UFP-QAPP RTCs to EPA  | 31 March 2023 | The additional UFP-QAPP RTC was submitted to EPA on 21 March 2023.                      | Closed |
| 9      | Adriana Constantinescu | Ms. Constantinescu to check the status of the 2021 Annual Site LF001 CAMU IMM Report WB RTC review.  | 17 May 2023   | Ms. Constantinescu sent an email indicating WB acceptance of the AF RTCs on 2 May 2023. | Closed |



# Action Item Review (cont'd)



| Item # | Responsible  | Action Item Description  | Due Date      | Action Taken  | Status |
|--------|--------------|--|---------------|---|--------|
| 10     | Leslie Royer | Ms. Royer to rename the "Remedial Action Report POCO Sites SS014 and ST032 Addendum" to remove closed site ST032 from the title. | 17 May 2023   | The document title will be "POCO Site SS014 Subsite 1 Remedial Action Report Addendum" and is reflected on the MMDS distributed for this meeting. | Closed |
| 11     | Chet Storrs  | Mr. Storrs will send out the AFCEC CIP template, which the Travis AFB CIP Update will follow, to the regulators                  | 31 March 2023 | This was closed as written on 15 March 2023 after the meeting adjourned.  | Closed |

## Travis Environmental Restoration Program 2023 RPM & RAB Meeting Schedule

Current as of 15 March 2023

| Month | RPM Meeting                  | Location                 | Place Holder                 | RAB Meeting                 |
|-------|------------------------------|--------------------------|------------------------------|-----------------------------|
| JAN   | 18 (Wed) 10 am<br>See Note 2 | Travis ISS<br>See Note 3 | See Note 4                   |                             |
| FEB   |                              |                          | 15 (Wed) 10 am               |                             |
| MAR   | 15 (Wed) 10 am               | Travis ISS               |                              |                             |
| APR   |                              | TBD<br>See Note 5        | 18 (Tue) 10 am<br>See Note 6 | 20 (Thu) 7 pm<br>See Note 7 |
| MAY   | 17 (Wed) 10 am               | Travis ISS               |                              |                             |
| JUN   |                              |                          | 21 (Wed) 10 am               |                             |
| JUL   |                              | TBD                      | 19 (Wed) 10 am<br>See Note 8 |                             |
| AUG   | 16 (Wed) 10 am               | Travis ISS               |                              |                             |
| SEP   |                              |                          | 20 (Wed) 10 am               |                             |
| OCT   |                              |                          | 18 (Wed) 10 am               |                             |
| NOV   | 15 (Wed) 10 am               | Travis ISS               |                              |                             |
| DEC   |                              |                          |                              |                             |

### NOTES:

1. Grey box indicates nothing is scheduled.
2. All times are Pacific Standard Time (PST). All RPM meetings are scheduled for in-person with MS Teams invite option.
3. Travis ISS: Travis Installation Support Section; Building 248, 550 Hickam Avenue, Travis AFB.
4. "Place Holder" indicates to mark your schedules for a meeting as needed. Place holders are in months in which RPM meetings are not held. RPM keeps master list of requested topics and provides meeting management for efficiency.
5. Location of Place Holder meeting will be decided based upon place holder subject and preference of regulatory agencies, preferably 30 days in advance for planning purposes.
6. Pre-RAB Meeting discussion / overview of presentation materials. Purpose is to allow government and regulators a rehearsal and checkin to provide a professional impression to the Public. Slides will be final on 12 Apr, no substantive changes to presentation content will occur after 12 Apr.
7. Northern Solano County Association of Realtors; 3690 Hilborn Road Fairfield, CA 94534.
8. 5-yr Review RTC meeting.

## Travis AFB Master Meeting and Document Schedule

| PRIMARY DOCUMENTS (ORC)             |   |  |
|-------------------------------------|---|--|
| Life Cycle                          | Site SD031RI Work Plan<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Tony Chakurian | Community Involvement Plan Update<br>Travis AFB,TBD<br>Jacobs, Jill Dunphy |
| <b>Scoping Meeting</b>              | NA  | NA   |
| Predraft to AF/Service Center       | 7/18/2023   | 08-23-16   |
| AF/Service Center Comments Due      | 8/15/2023   | 09-07-16   |
| Draft to Agencies                   | 9/27/2023   | 09-28-16 (03-22-18)  |
| Agency Comments Due                 | 11/22/2023  | 10-28-16 (04-27-18)  |
| <b>Response to Comments Meeting</b> | TBD   | TBD  |
| Agency Concurrence with Remedy      | NA  | NA   |
| Public Comment Period               | NA  | NA   |
| <b>Public Meeting</b>               | NA  | NA   |
| Response to Comments Due            | 12/29/2023  | TBD  |
| Draft Final Due                     | 12/29/2023  | TBD  |
| Final Due                           | 01/29/2024  | TBD  |

## Travis AFB Master Meeting and Document Schedule

| SECONDARY DOCUMENTS (ORC)           |  |   |   |
|-------------------------------------|--|---|---|
| Life Cycle                          | Subarea LF007C Groundwater<br>Extraction System Optimization Work<br>Plan<br><br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Doug Berwick | Sites SS015, SD036, SD037, and<br>DP039 Groundwater Remedy<br>Optimization Work Plan<br><br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Tony Chakurian | Site SD031 Data Gaps Investigation<br>Technical Memorandum<br><br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Leslie Royer |
| <b>Scoping Meeting</b>              | NA   | NA  | NA  |
| Predraft to AF/Service Center       | 09-30-22   | 11-14-22  | 01-11-23  |
| AF/Service Center Comments Due      | 10-31-22   | 12-15-22  | 02-13-23  |
| Draft to Agencies                   | 01-27-23   | 02-16-23  | 03-16-23  |
| Agency Comments Due                 | 02-27-23   | 03-17-23  | 04-17-23  |
| <b>Response to Comments Meeting</b> | TBD  | TBD   | TBD   |
| Response to Comments Due            | 05-22-23   | 05-26-23  | 05-25-23  |
| Draft Final Due                     | NA   | NA  | NA  |
| Final Due                           | 05-22-23   | 05-26-23  | 05-25-23  |
| Public Comment Period               | NA   | NA  | NA  |
| <b>Public Meeting</b>               | NA   | NA  | NA  |

## Travis AFB Master Meeting and Document Schedule

| PRIMARY POCO DOCUMENTS (ORC)   |  |  |  |
|--------------------------------|--|--|--|
| Life Cycle                     | POCO Site SS014 Subsite 1 Remedial<br>Action Report Addendum<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Jill Dunphy |  |  |
| Scoping Meeting                | 2/27/2023  |  |  |
| Predraft to AF/Service Center  | 06/16/2023   |  |  |
| AF/Service Center Comments Due | 07/17/2023   |  |  |
| Draft to Agencies              | 08/28/2023   |  |  |
| Agency Comments Due            | 10/24/2023   |  |  |
| Response to Comments Meeting   | TBD  |  |  |
| Response to Comments Due       | 11/21/2023   |  |  |
| Draft Final Due                | 11/21/2023   |  |  |
| Final Due                      | 12/22/2023   |  |  |
| Public Comment Period          | NA   |  |  |
| Public Meeting                 | NA   |  |  |



## Travis AFB Master Meeting and Document Schedule

| SECONDARY POCO DOCUMENTS (ORC)      |   |  |  |
|-------------------------------------|---|--|--|
| Life Cycle                          | POCO Site ST028 Data Gap<br>Investigation Work Plan<br>Travis AFB, Jason Thompson<br>Jacobs, Tony Chakurian |  |  |
| <b>Scoping Meeting</b>              | NA  |  |  |
| Predraft to AF/Service Center       | 01/24/2023  |  |  |
| AF/Service Center Comments Due      | 02/24/2023  |  |  |
| Draft to Agencies                   | 03/21/2023  |  |  |
| Agency Comments Due                 | 04/18/2023  |  |  |
| <b>Response to Comments Meeting</b> | TBD   |  |  |
| Response to Comments Due            | 05/19/2023  |  |  |
| Draft Final Due                     | NA  |  |  |
| Final Due                           | 05/19/2023  |  |  |
| Public Comment Period               | NA  |  |  |
| <b>Public Meeting</b>               | NA  |  |  |

## Travis AFB Master Meeting and Document Schedule

| INFORMATIONAL DOCUMENTS (ORC)  |   |  |  |
|--------------------------------|---|--|--|
| Life Cycle                     | 2022 Annual Groundwater Remediation Implementation Status Report<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Leslie Royer | Remedial Action Construction Completion Report Site SS016<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Doug Berwick | 2022 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Dan Chern |
| Scoping Meeting                | NA  | NA   | NA   |
| Predraft to AF/Service Center  | 05-17-23  | 11-30-22   | 05-08-23   |
| AF/Service Center Comments Due | 06-15-23  | 12-29-22   | 06-08-23   |
| Draft to Agencies              | 07-28-23  | 05-12-23   | 07-21-23   |
| Agency Comments Due            | 08-25-23  | 06-12-23   | 08-18-23   |
| Response to Comments Meeting   | TBD   | TBD  | TBD  |
| Response to Comments Due       | 09-25-23  | 07-12-23   | 09-18-23   |
| Draft Final Due                | NA  | NA   | NA   |
| Final Due                      | 09-25-23  | 07-12-23   | 09-18-23   |
| Public Comment Period          | NA  | NA   | NA   |
| Public Meeting                 | NA  | NA   | NA   |

## Travis AFB Master Meeting and Document Schedule

| <b>PRIMARY DOCUMENTS (PFAS RI)</b>  |  |
|-------------------------------------|--|
| <b>Life Cycle</b>                   | <b>UFP-QAPP Addendum No. 2<br/>Travis AFB, Chet Storrs<br/>Oneida, Megan Duley</b> |
| <b>Scoping Meeting</b>              | <b>4-19-23 or 4-20-23<br/>(target package to agencies 4-05-23)</b>                 |
| Predraft to AF/Service Center       | NA-incl w/ scoping   |
| AF/Service Center Comments Due      | NA-incl w/ scoping   |
| Draft to Agencies                   | 05-03-23   |
| Agency Comments Due                 | 06-02-23   |
| <b>Response to Comments Meeting</b> | <b>06-20-23 (target pre-RTC and pre-RSLO 06-14-23)</b>                             |
| Agency Concurrence with Remedy      | NA   |
| Public Comment Period               | NA   |
| <b>Public Meeting</b>               | <b>NA</b>  |
| Response to Comments Due            | 06-26-23   |
| Draft Final Due – as RLSO w/ RTC    | 06-26-23   |
| Agency Concurrence                  | 07-07-23   |
| Final Due                           | 07-14-23   |

## Travis AFB Master Meeting and Document Schedule

| <b>PRIMARY DOCUMENTS (Five-Year Review)</b> |  |
|---|--|
| <b>Life Cycle</b>                           | <b>Five-Year Review<br/>Travis AFB, Chet Storrs<br/>Bayside / ERRG</b> |
| <b>Scoping Meeting</b>                      | <b>1-11-23</b>   |
| Pre-Draft to AF/Service Center              | <b>4-26-23</b>   |
| AF/Service Center Comments Due              | <b>5-12-23</b>   |
| Draft to Agencies                           | <b>6-5-23</b>  |
| Agency Comments Due                         | <b>7-28-23</b>   |
| <b>Response to Comments Meeting</b>         | <b>8-10-23<sup>1</sup></b>   |
| Agency Concurrence with Remedy              | NA   |
| Public Comment Period                       | NA   |
| <b>Public Meeting</b>                       | NA   |
| Response to Comments Due                    | <b>8-22-23</b>   |
| Draft Final Due                             | <b>9-20-23</b>   |
| Final Due                                   | <b>10-12-23</b>  |

Notes:

1. Proposed comment resolution meeting

## Travis AFB Master Meeting and Document Schedule

| <b>HISTORY-PRIMARY DOCUMENTS (ORC)</b> |   |
|--|---|
| <b>Life Cycle</b>                      | <b>UFP-QAPP<br/>Travis AFB, Mobashir N. Ahmad<br/>FPM, Chris Coonfare</b> |
| <b>Scoping Meeting</b>                 | <b>NA</b>   |
| Predraft to AF/Service Center          | 01-06-22  |
| AF/Service Center Comments Due         | 02-07-22  |
| Draft to Agencies                      | 05-31-22  |
| Agency Comments Due                    | 09-09-22  |
| <b>Response to Comments Meeting</b>    | <b>TBD</b>  |
| Agency Concurrence with Remedy         | NA  |
| Public Comment Period                  | NA  |
| <b>Public Meeting</b>                  | <b>NA</b>   |
| Response to Comments Due               | 01-11-23  |
| Draft Final Due                        | 01-11-23  |
| Final Due                              | 03-30-23  |

## Travis AFB Master Meeting and Document Schedule

| HISTORY- INFORMATIONAL DOCUMENTS (ORC) |   |  |  |
|--|---|--|--|
| Life Cycle                             | 2021 Annual Groundwater Remediation Implementation Status Report<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Leslie Royer | 2021 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report<br>Travis AFB, Mobashir N. Ahmad<br>Jacobs, Dan Chern |  |
| <b>Scoping Meeting</b>                 | NA  | NA   |  |
| Predraft to AF/Service Center          | 05-06-22  | 06-07-22   |  |
| AF/Service Center Comments Due         | 06-06-22  | 07-06-22   |  |
| Draft to Agencies                      | 07-19-22  | 09-20-22   |  |
| Agency Comments Due                    | 09-30-22  | 10-20-22   |  |
| <b>Response to Comments Meeting</b>    | TBD   | TBD  |  |
| Response to Comments Due               | 03-31-23  | 05-02-23   |  |
| Draft Final Due                        | NA  | NA   |  |
| Final Due                              | 03-31-23  | 05-02-23   |  |
| Public Comment Period                  | NA  | NA   |  |
| <b>Public Meeting</b>                  | NA  | NA   |  |

## Other Travis AFB Restoration Documents Provided to the Agencies

| Other Travis Restoration Documents                    |  |
|---|--|
| Document  | Status   |
| Final 2021 Annual Land Use Controls Inspection Report | Courtesy copy delivered to agencies on 11/3/2022 |



# PFAS Updates

---

## **PA/SI Informal Dispute**

- 19 Apr 2023 EPA submits email requesting informal dispute over PA/SI and request 45-day extension to file dispute
- 20 Apr 2023 Air Force agrees to 45-day extension
- Informal dispute meeting date TBD

## **No Further Action-1 (NFA-1)**

- PA/SI of four PFAS sites
- EPA comments received on 2 May 2023
- RTC Under development

## **EPA Letter dated 18 Jan 2023**

- Air Force response to EPA letter on-going

## **Due Diligence for Additional Potential PFAS Sources (not a PA)**

- 10 Feb 2023 kick-off conducted
- Interviews underway





# Land Use Control Updates

---



## **SS016 - KC-46 Hangar Project**

- Indoor air sampling work plan is under development.
- Funded by and contracted through the Navy



# Land Use Control Updates, cont.

---



## 21R/03L Runway Repairs

**SS016/SS029/ST032** -ERP plume and GW monitoring well figures provided to construction managers.

-Concrete demo **work delayed until June timeframe; no exact start date at this time.**

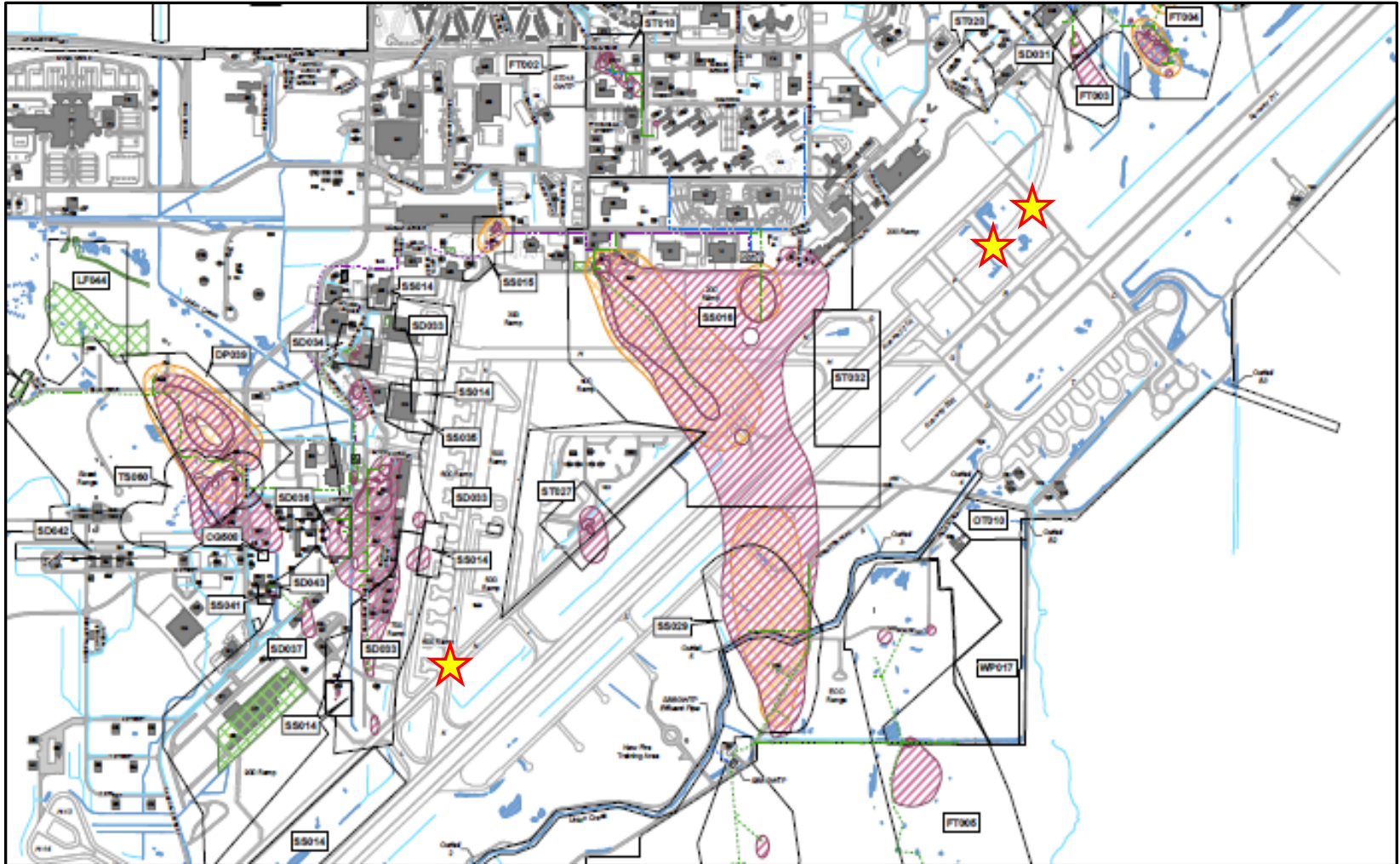
Removal of taxiway K tie-in with taxiway N.

Repair of taxiway E and taxiway D for subsequent phases.

-No construction activities occurring over GW plumes.



# Land Use Control Updates, cont.



★ Location of demo work

# Air Force Civil Engineer Center

---



Five Year Review  
Update



**BAYSIDE**  
Engineering  
Construction **ERRG**

---

***Battle Ready...Built Right!***



# Overview

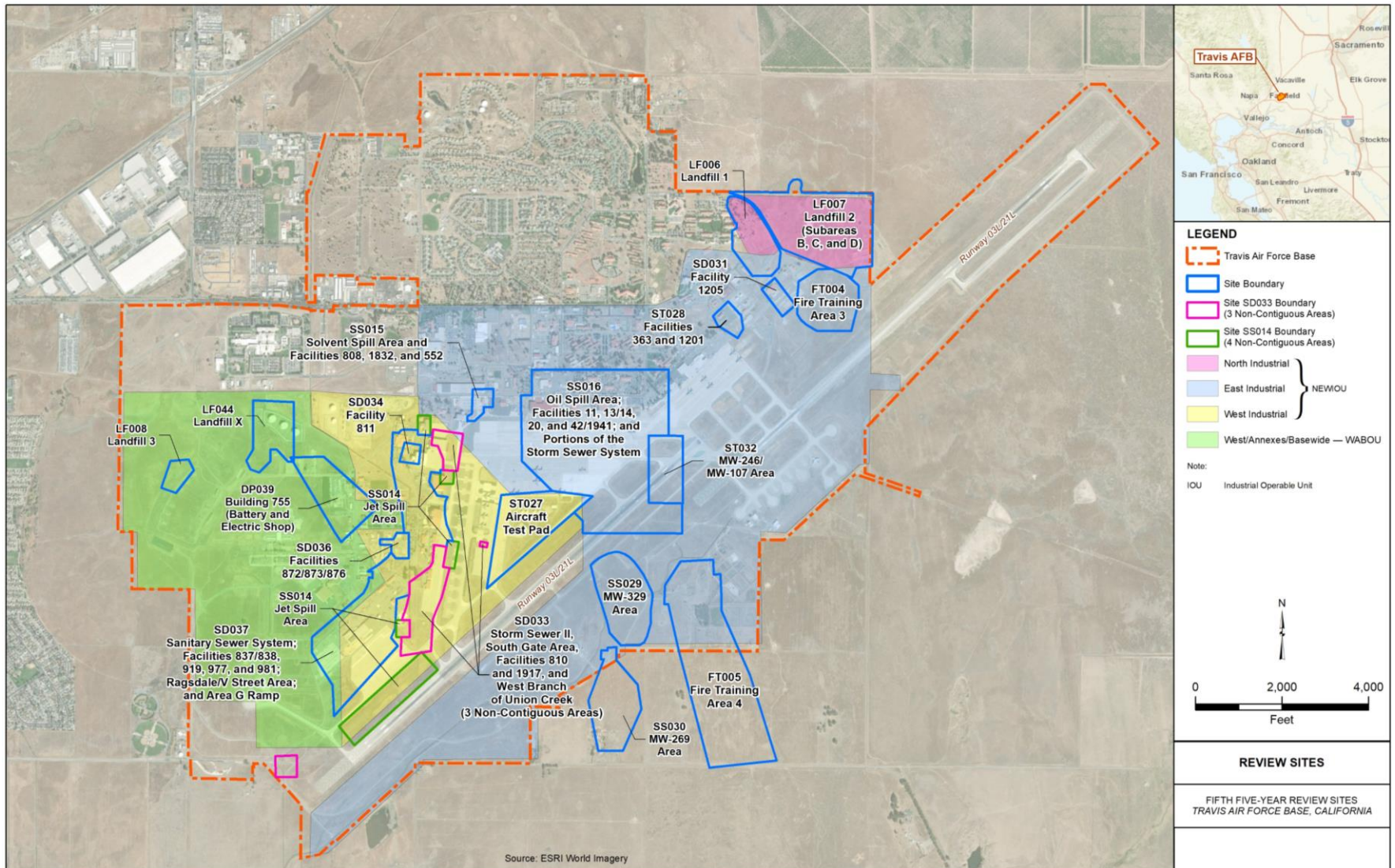
---

- FYR purpose is to evaluate the performance of the existing remedies.
- The Travis AFB FYR includes review and evaluation of soil and groundwater remedies at 20 cleanup sites.
- FYR findings are documented in an FYR Report, which:
  - ✓ Recommends necessary actions before the next FYR.
  - ✓ Seeks review and concurrence from regulatory agencies.



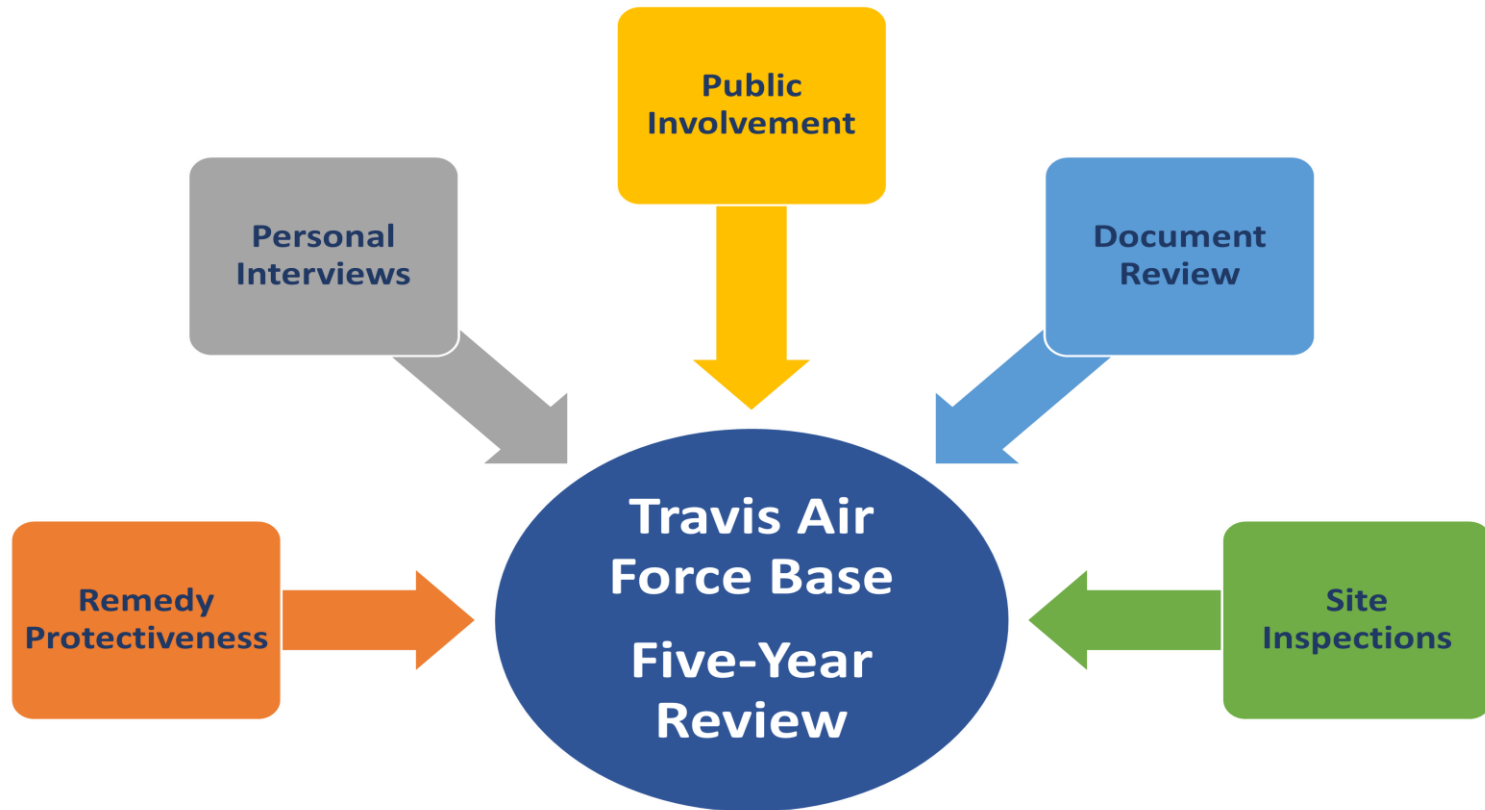


# Five-Year Review Sites





# Five-Year Review Components





# Five-Year Review Activities

---

## Activities conducted to date:

- Held meeting with regulatory oversight agencies (January 2023)
- Published public notice announcing the start of the FYR (February 2023)
  - ✓ *Tailwind*
  - ✓ *Vacaville Reporter*
  - ✓ *Fairfield Daily Republic*
- Reviewed historical documents
- Conducted interviews





# Activities Cont.

- Conducted site inspections
  - ✓ March 20 and 22, 2023
  - ✓ Inspected all 20 environmental cleanup sites



•South Base Boundary Groundwater Treatment Plant



•Solar Power Organic Carbon Treatment System at DP039



Questions?

# Air Force Civil Engineer Center

---



ORC Program Update  
RPM Meeting  
May 17, 2023

**FPM** Remediations, Inc. **Jacobs**



# Finalized Documents

---

## CERCLA

- Site SD031 Data Gaps Investigation WP
- UFP-QAPP
- 2021 Annual GRISR
- 2021 Annual Site LF007 CAMU IMM Report

## POCO

none



# Draft Documents

---

## CERCLA

- Subarea LF007C Groundwater Extraction System Optimization WP
- Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization WP
- Site SD031 DGI TM

## POCO

- POCO Site ST028 DGI WP



# Upcoming Documents

---

## CERCLA

- |                               |           |
|-------------------------------|-----------|
| • 2022 Annual CAMU IMM Report | July      |
| • 2022 Annual GRISR           | July      |
| • Site SD031 RI WP            | September |

## POCO

- |   |        |
|---|--------|
| • POCO Site SS014 Subsite 1 Remedial Action Report Addendum | August |
|---|--------|



# Completed Fieldwork

---



- 4Q21 GRIP Event
- 2Q22 GRIP Event
- Site SD031 Data Gaps Investigation
- 4Q22 GRIP Event





# Upcoming Fieldwork

---

## CERCLA

- |   |           |
|---|-----------|
| • 2Q23 GRIP (in progress)                           | April-May |
| • Sites SS015, SD036, SD037, and DP039 Optimization | June-July |
| • Site LF007C Optimization                          | July-Aug  |

## POCO

- |                       |          |
|-----------------------|----------|
| • POCO Site ST018 DGI | June-Oct |
|-----------------------|----------|



# Air Force Civil Engineer Center

---



Groundwater Treatment  
Systems Updates March and  
April 2023

**FPM** Remediations, Inc. **Jacobs**

---

***Battle Ready...Built Right!***



# LF007C GWTP

---



- The system was taken off line on January 3, 2023 after vernal pools had formed in the area of the LF007C GWTP extraction wells. The system remained off line through March 2023 and will be brought back on line after the vernal pools have dissipated.



# ST018 GWTP

---

- The system experienced 100% uptime in March and April 2023.
- MTBE influent concentrations remained relatively consistent in March (23  $\mu\text{g/L}$ ) and April (22  $\mu\text{g/L}$ ) 2023. These concentrations have been consistent since late summer 2022.
- The system continues to run with only two extraction wells (EW2016x18, EW2333x18) online. Two extraction wells (EW2014x18, EW2019x18) were previously taken offline due to low MTBE concentrations.



# Central GWTP

---

- System experienced 64% uptime in March and 97% in April 2023.
- The downtime in March 2023 was due to cracked system piping at the main transfer pump within the treatment compound. The system was brought back on line after the pump and piping had been replaced.
- The downtime in April 2023 was due to installation of a system totalizer on April 17, 2023.
- Extraction wells EW605x16 and EW610x16 were brought back on line in March 2023. Both wells had previously been off line since early 2022 due to hangar construction activities.
- The pump for EW003Ax16 was installed and the pump was connected to controls and brought back on line on April 13, 2023. All water produced from EW003Ax16 is fed into the Site SS016 bioreactor.



# SBBGWTP



- The SBBGWTP had 90% uptime in March and 100% in April 2023.
- The downtime in March was due to a power outage. The system was brought back on line once power was restored and the system alarms reset.
- Several extraction well pumps have remained off line since January 2023. Flooding in the extraction wellfield (Sites FT005 and SS030) led to instrumentation failure.
- Replacement communication wiring was installed for extraction wells EW2782x05, EW2783x05, and EW2784x05 in March 2023. New power wires for these same wells will be installed in early May 2023. Once the power wiring is installed (early May 2023), all three of these wells will be brought back on line.



Questions?

# Air Force Civil Engineer Center

---



## Travis Air Force Base Phase I Remedial Investigation of AFFF Areas



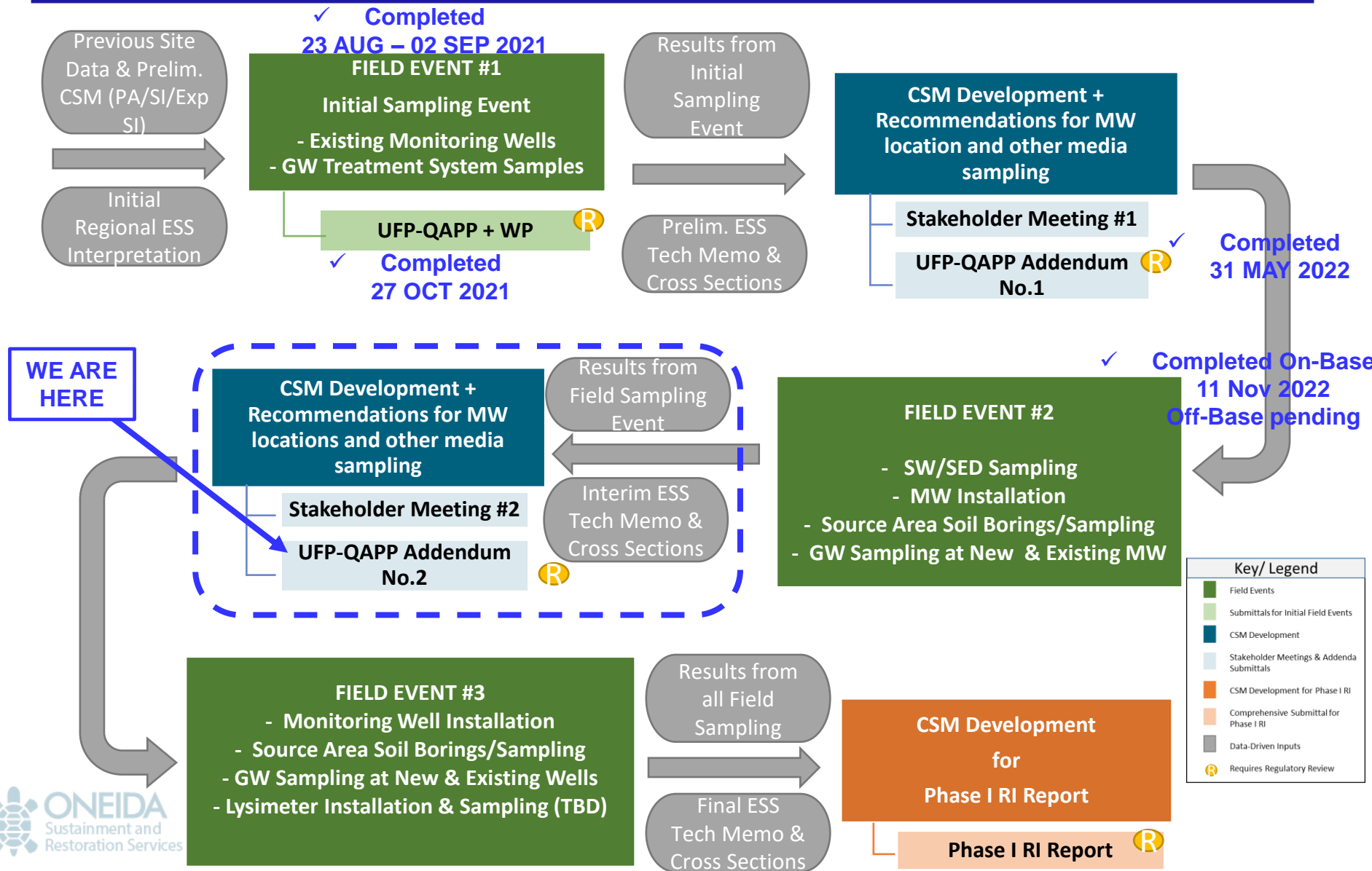
---

***Battle Ready...Built Right!***





# Phase I Remedial Investigation Data-Driven Process







# Next Steps

- Further CSM development with results from Field Event #2 – **MAR/APR 2023**
- Develop Recommendations for Field Event #3 – **MAR/APR 2023**
- Preliminary Meeting with Agencies – **held 18 APR 2023**
- UFP-QAPP Addendum No. 2 – **submitted 28 APR 2023**
- Regulatory Comment Resolution – **early JUN 2023**
- Complete Off-Base Well Installation – **JUN 2023**
- Field Event #3 – **SUMMER 2023**
  - MW Installation
  - Source area soil borings and soil sampling
  - Groundwater sampling of proposed existing and newly installed MWs



# Off-Base Monitoring Well Installation

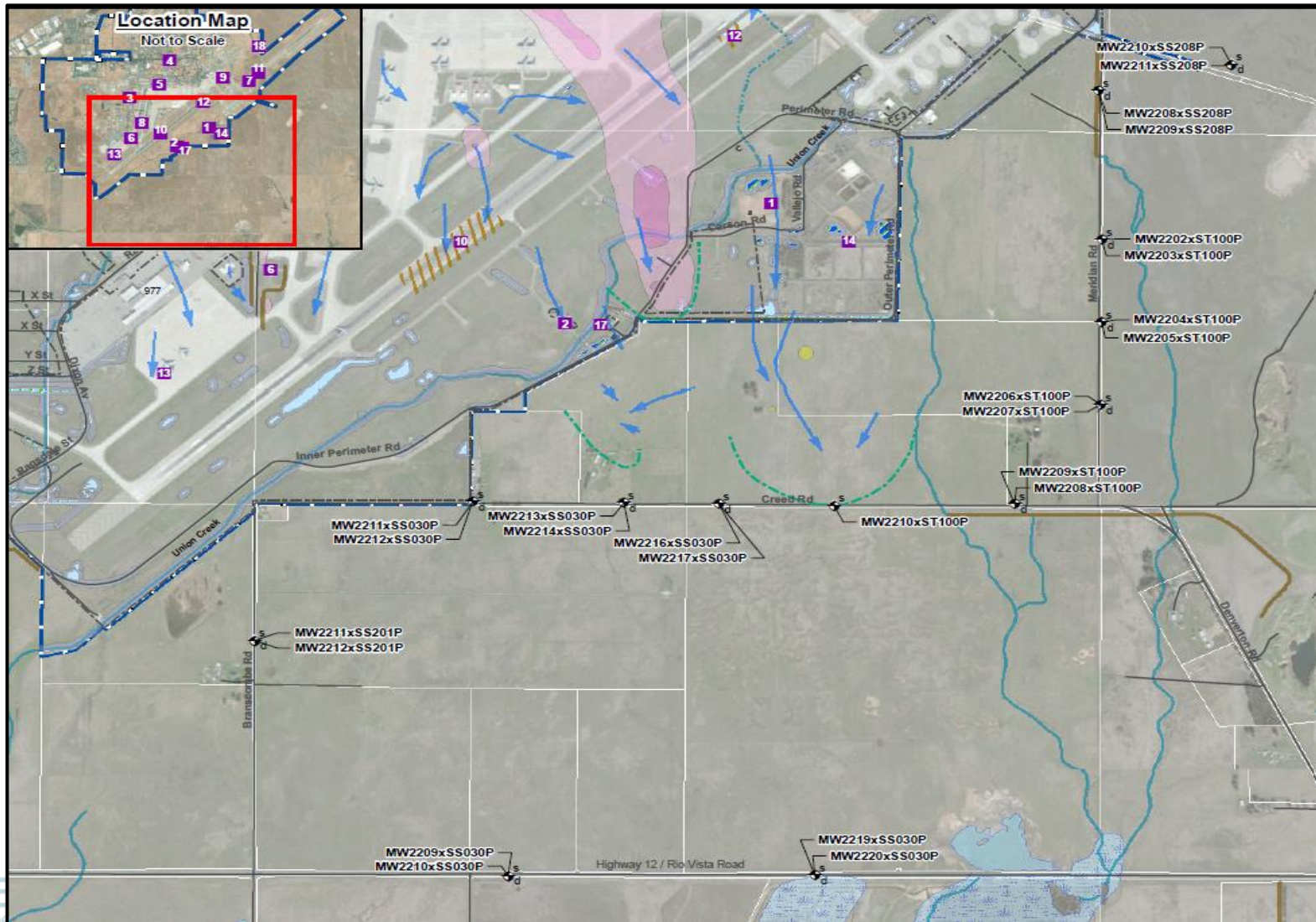
---

## Groundwater monitoring well installation

- 25 planned monitoring wells at 13 locations remain to be installed off-Base that were planned as part of Field Event #2. Off-Base access agreements and approvals are required to proceed with installation of the off-Base monitoring wells.
- Target schedule for off-Base installation is 5 June 2023.



# Off-Base Monitoring Well Locations





Questions?