

**Travis Air Force Base
Environmental Restoration Program
Restoration Program Manager's
Meeting Minutes
18 January 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 18 January 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
• Kim Rasmussen	AFCEC/CZOW
• Tom Potter	AFCEC/CZOW
• Mobashir Ahmad	AFCEC/CZOW
• Angel Santiago	AFCEC/CZOW
• Kurt Grunawalt	Travis AFB 60 AMW/JA
• Lou Briscese	Travis AFB 60 AMW/PA
• Monique Nixon	AFCEC
• Jessica Faragalli	USACE-Sacramento
• Nadia Burke	EPA
• Vicky Wiraatmadja	EPA
• Karla Brasaemle	TechLaw, Inc.
• Kimiye Touchi	DTSC
• Christopher Scudder	DTSC
• Dave Kremer	DTSC
• Adriana Constantinescu	RWQCB
• Megan Duley	SRS
• Bob Mallisee	SRS
• Alysse Gutierrez	SRS
• Kristen Carlyon Peyton	SRS
• Chris Coonfare	FPM
• Lynette Mokry	FPM
• Leslie Royer	Jacobs
• Doug Berwick	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 (January 2023)
- Attachment 5: Travis AFB LUC Update (January 2023)
- Attachment 6: ORC Program Update (January 2023)
- Attachment 7: Presentation - Groundwater Treatment Systems Update (October through December, 2022)
- Attachment 8: Presentation: Phase 1 Remedial Investigation of PFAS Areas (January 2023)

I. TRAVIS AFB UPDATES

A. ADMINISTRATIVE

1. Agenda and Introductions

Mr. Storrs started the meeting and reviewed the agenda.

Mr. Storrs introduced Jason Thompson, who will be the Travis AFB ISS lead on the Site ST028 work; Monique Nixon, who will be taking on Chriss Morriss' role at AFCEC. Mr. Storrs took the action to provide their contact information to the team.

Ms. Burke introduced Vicky Wiraatmadja, who will be her backup during an extended absence starting the next day. Ms. Burke took the action to provide Ms. Wiraatmadja's contact information to the team.

Ms. Duley introduced Alysse Gutierrez and Kristen Carlyon Peyton, who will be assisting with the PFAS RI work. Ms. Gutierrez took the action to provide her and Ms. Peyton's contact information to the team.

2. Action Item Review (Attachment 2)

Mr. Storrs reported on the status of action items from the November 2022 RPM Meeting. Please see Attachment 2 for full briefing.

Action Item 3 was left open; the Air Force ERP is still coordinating with Compliance team and 60th Civil Engineering Squadron regarding release of the non-CERCLA manifests to the regulatory agencies. Ms. Constantinescu proposed a due date of 28 February 2023; the team agreed. Regulatory agency representatives expressed continued concern regarding an apparent lack of documentation for the MILCON excavations at the KC46 Hangar Construction Site; specifically post construction reports, waste manifests, and any waste characterization sampling performed on excavated soil. Ms. Royer, Mr. Storrs,

and Ms. Faragalli reminded everyone that the soil LUCs at this site were removed after regulatory approval of the *Final Site SS016 Soil Remedial Action Completion Report (CH2M HILL, December 2020)*. The Travis ISS team is not privy to the MILCON KC46 Hangar Construction contract requirements and does not know what documentation of project activities was required of the contractor. Ms. Burke suggested Ms. Touchi send an email requesting the information of interest; Mr. Storrs took the action to request the construction contractor's daily field logs if there are no post-construction reports or any other documentation of removal of excavated soil besides the required waste manifests.

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). The team will add the Five Year Review (FYR) to the agenda for future RPM meetings, and Ms. Royer will include the FYR contractor in the invitations to future RPM meetings.

Travis AFB Annual Meeting and Teleconference Schedule

The next RPM Meeting is scheduled for 15 March 2023. This will be an in-person meeting with MSTeams and call-in options.

The next RAB meeting is scheduled for 20 April 2023. This is currently planned as an in-person meeting.

Travis AFB Master Document Schedule

- Universal Federal Program Quality Assurance Program Plan (UFP-QAPP): The Response to Comments Due date was changed to 11 January 2023. The rest of the dates were updated accordingly. Ms. Constantinescu inquired about the due date for additional regulatory comments; Ms. Royer responded that the document will be issued as final within 30 days if there are no additional comments.
- Community Relations Plan (CRP) Update: There was no change to the schedule.
- Subarea LF007C Groundwater Extraction Optimization Work Plan: The Draft to Agencies due date was changed to 27 January 2023; the rest of the dates were changed accordingly. Ms. Burke requested that Ms. Royer forward the November 2022 RPM Meeting Minutes to Ms. Wiraatmadja for background information.
- Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization Work Plan: The Draft to Agencies due date was changed to 3 February 2023; the rest of the dates were changed accordingly.
- Site SD031 Data Gaps Investigation Technical Memorandum: The Predraft to AF/Service Center due date was changed to 11 January 2023; the rest of the dates were changed accordingly.

- POCO Site ST028 Data Gap Investigation Work Plan: This is a new document; the Travis AFB lead will be Jason Thompson, and the Jacobs lead will be Tony Chakurian. The Predraft to AF/Service Center was assigned a due date of 24 January 2023; the rest of the dates were assigned accordingly. Ms. Constantinescu will work on a new schedule with Mr. Thompson, noting that the Water Board would like to expedite the schedule due to the impact on stormwater conveyance lines.
- 2021 Annual Groundwater Remediation Implementation Status Report (GRISR): The Response to Comments due date was changed to 31 January 2023. The rest of the dates were changed accordingly. EPA comments have been received. Ms. Constantinescu noted that the Water Board will be sending two additional comments by the end of this week.
- 2021 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report: The Response to Comments due date was changed to 27 January 2023; the rest of the dates were changed accordingly. DTSC concurred with the Air Force's responses to comments, the Water Board and EPA will be sending additional comments. .
- Remedial Action Construction Completion Report Site SS016 (Site SS016 RACCR): There was no change to the schedule.
- UFP-QAPP Addendum No. 2: The Scoping meeting was assigned a date of either 19 or 20 April 2023; the rest of the dates were assigned accordingly. Ms. Duley noted that further discussion about the schedule is planned for the PFAS RI presentation later in the meeting.
- Potrero Hills Annex (FS, PP, and ROD): Mr. Storrs proposed removal of this item from the MMDS. Ms. Constantinescu agreed. Ms. Royer took the action to remove this item from the MMDS.
- Final 2021 Land Use Controls Inspection Report: A courtesy copy was delivered to the agencies on 3 November 2022. Ms. Burke stated that EPA will be providing comments. Mr. Storrs reminded the team that this is an internal Air Force document and provided to the regulators as a courtesy without solicitation for comment, but will discuss EPA's comments with Mr. Potter and Ms. Royer to address, as appropriate, in the next year's report.

Moved to history:

- Site SD031 Data Gaps Investigation Work Plan

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:

- The Site Inspection document will not be rewritten in response to additional regulatory comments received. Once the final document is produced, a copy will be provided to the regulatory agencies. Any outstanding comments will be addressed in the Remedial Investigation. Mr. Storrs further clarified that the purpose of the SI is to confirm presence or absence of PFAS.
- Once the off-base wells are installed and the data from those wells are reviewed, Air Force will plan to collect samples at properties that are in close proximity to any wells with PFAS detections above the 70 ppt limit to ensure drinking water is not impacted, particularly if they were not sampled previously or previous sampling returned non-detect results for PFAS.
- Ms. Burke noted that she sent a letter to the Air Force on EPA letterhead with several requests, and would like a response within 30 days regarding how the items will be addressed.

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

Item #	Responsible	Action Item Description	Due Date	Status
1 (From Nov 2022)	Chet Storrs	Mr. Storrs to request (and provide, if available) documentation 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.	28 February 2023	Open
2	Chet Storrs; Megan Duly	Mr. Storrs will send to Ms. Dunphy and Ms. Royer contact information for Jason Thompson/AFCEC, Vicky Wiraatmadja/EPA, and Monique Nixon/AFCEC. Ms. Duley will send contact information for Alysse Gutierrez/SRS and Kristen Carlyon Peyton/SRS	31 January 2023	Closed

3	Kimiye Touchi	Ms. Touchi, as delegated by Ms. Burke, will send email to Air Force requesting desired information related to the MILCON excavation at the KC46 Hangar Site	31 January 2023	Closed
4	Tom Potter	Mr. Potter will request daily field logs from KC46 Hangar Construction Contractor related to contaminated soil removal.	31 January 2023	Open
5	Leslie Royer	Ms. Royer will send Nov. 2022 RPM Meeting Minutes to Ms. Wiraatmadja; specifically for background on the Site LF007C Groundwater Remedy Optimization presentation.	31 January 2023	Closed
6	Adriana Constantinescu	Ms. Constantinescu will contact Mr. Jason Thompson to develop a schedule for Site ST028 field work due to concern for impact to stormwater conveyances.	31 January 2023	Closed
7	Leslie Royer	Ms. Royer will remove the Potrero Hills schedule from the Master Meeting and Document Schedule	15 March 2023	Closed
8	Chet Storrs, Tom Potter, Leslie Royer	Mr. Storrs will review EPA comments on the LUC Inspection Report with Mr. Potter and Ms. Royer, and incorporate into the next report as appropriate	28 February 2023	Open
9	Leslie Royer	Ms. Royer will add the Five Year Review to the MMDS and will include the contractor in future RPM meeting invitations	15 March 2023	Open
10	Chet Storrs	Mr. Storrs will provide the Final PFAS SI to all agencies, and appropriate private well testing data to DTSC and the Water Board	31 January 2023	Open

II. OPTIMIZED REMEDIATION CONTRACT UPDATES

A. Administrative

All administrative topics were discussed earlier in the RPM meeting.

B. CURRENT PROJECTS

1. Program Update (Attachment 6)

Ms. Royer reported on the status of the Optimized Remediation Contract at Travis AFB. Please see Attachment 6 for the full briefing. Highlights of the discussion are as follows:

Mr. Storrs noted that once Mr. Thompson gets up to speed with Site ST028, points of contact will be discussed. After the data gap investigation is complete, a

decision will be made regarding whether to continue including this site in the RPM meetings. Mr. Storrs added that the desire to begin field work may outweigh the desire for additional review time for the data gap investigation work plan. Ms. Constantinescu noted that USFWS will be involved and may be able to expedite the timeframe by considering it an emergency.

2. Groundwater Treatment Systems Update (Attachment 7)

Mr. Berwick reported on the status of the groundwater treatment systems at Travis AFB at Travis AFB. Please see Attachment 7 for the full briefing. Mr. Berwick noted that because of the recent historic rainfall, the well fields are submerged (including electronics), and the team is unable to pump out the extraction well vaults. This will result in some down time until some of that water drains off or evaporates.

C. PROGRAM ISSUES/UPDATE

None

D. ACTION ITEMS

None

III. 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 AFFF Sites – Program/Issues/Update (Attachment 8)

Phase 1 Remedial Investigation Program/Issues/Update

Ms. Duley presented a diagram illustrating the current progress and upcoming activities as part of the data-driven process for the Phase I RI. The Oneida Team has completed the on-base field activities for Field Event #2. The next steps include: receipt of additional data packages, data validation, integrating the data into database and GIS, and beginning interpretation and further development of the conceptual site model. The Oneida Team will develop recommendations for

Field Event #3, which will include lysimeter installation and sampling, groundwater sampling, as well as additional potential soil borings and monitoring well installations. The Oneida Team anticipates holding a meeting with stakeholders to discuss results and recommendations prior to issuing UFP-QAPP Addendum No. 2 for Field Event #3 (targeted Summer/Fall 2023). The process will be similar to that used for UFP-QAPP Addendum No.1 prior to Field Event #2.

Field Event No. 2 – June to November 2022

Sediment/Surface Water Sample Collection

Ms. Duley noted that activities for Field Event #2 were briefed during the last (November 2022) RPM meeting. This update includes recent activities and updates. The Oneida Team completed sediment/surface water sample collection at 19 locations in June 2022. The second surface water sample event was completed 5 January 2023 at 11 locations following major rain events in December 2022/January 2023. Ms. Constantinescu asked why the number of locations was reduced. Megan noted that the original planned amount of surface water samples was 30 total, leaving 11 locations to sample post-rain event. Ms. Duley noted the locations were targeted near the outfalls of Union Creek where initial data indicated elevated concentrations are likely present. Receipt of lab results for the January 2023 sampling event are targeted for February 2023.

Off-Base Well Locations

Ms Duley presented a slide showing the off-Base monitoring well locations where the Team is waiting for access and Section 106 requirement approvals. Once approved, the field schedule will be reassessed for their installation.

Ms. Constantinescu asked what coordination has been done with the base to install the 25 off-base monitoring wells. Mr. Storrs answered that there have been internal challenges to getting the Base Commander's signature for approval of the permits. He further explained that AFCEC is working to change the process so AFCEC will be the one to sign the permit, in lieu of the Base Commander, to alleviate these internal challenges.

Ms. Constantinescu asked if there needed to be any coordination with the private landowners where the off-base monitoring wells will be installed. Mr. Storrs confirmed that all the off-base monitoring wells are scoped for County or City land and no coordination between private landowners is required.

Ms. Constantinescu asked if the four off-base drinking water wells have been sampled where PFAS/PFOA contamination has been detected. Mr. Storrs answered that he believed they had been sampled but will confirm once analytic data from the lab is available. This is outside of the Phase I RI activities.

Next Steps

The Oneida Team is working with the laboratory to receive remaining data from Field Event #2. The Team will continue data validation, analysis, and begin interpretation for CSM updates. Field Event #3 is targeted to begin in Summer/Fall 2023 after a stakeholder meeting and submittal/approval of UFP-QAPP Addendum No. 2. All project data will be reported in the Phase I Remedial Investigation Report in 2024-2025.

Questions/Discussion

None

C. ACTION ITEMS

Item #	Responsible	Action Item Description	Due Date	Status
11	Megan Duley/ Alysse Gutierrez	Ms. Duley or Ms. Gutierrez to send PFAS RI Meeting Minutes to Jacobs	25 January 2023	Closed

AGENDA
TRAVIS AIR FORCE BASE
ENVIRONMENTAL RESTORATION PROGRAM
RESTORATION PROGRAM MANAGER'S MEETING
18 Jan 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. Action Item Review
- c. Master Meeting and Document Schedule Review

2. UPDATES

- a. PFAS
- b. Land Use Controls

B. JACOBS OPTIMIZED REMEDIAL CONTRACT (ORC)

1. ADMINISTRATIVE

2. PROGRAM UPDATE

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

C. ONIEDA PFAS REMEDIAL INVESTIGATION

1. ADMINISTRATIVE

2. PROGRAM UPDATE



Action Item Review



Item #	Responsible	Action Item Description	Due Date	Action Taken	Status
1	Mr. Storrs	Mr. Storrs to provide an updated 2023 Master Meeting Schedule.	18 Jan 2023	Mr. Storrs sent the 2023 Master Meeting Schedule via email on 23 Dec 2022.	Closed
2	Mr. Storrs	Mr. Storrs to request as-builts or a post-construction report for the vapor intrusion mitigation system installation in the new KC-46 Hangar.	18 Jan 2023	ROICC/MILCON construction managers were contacted for post construction vapor barrier as-builts; as-builts do not exist. Design plan of the vapor barrier is available; vapor barrier was constructed to design specification. Travis ERP is requesting approval from ROICC to release the design specs to regulatory team. There is no vapor barrier post-construction report being developed.	Open / In progress

ROICC: Resident Officer in Charge in Construction; MILCON: Military Construction.



Action Item Review (cont'd)



Item #	Responsible	Action Item Description	Due Date	Action Taken	Status
3	Mr. Storrs	Mr. Storrs to request (and provide, if available) documentation 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	18 Jan 2023	<p>All soil removal actions associated with ERP/CERCLA actions were documented and associated manifests are included in Final Site SS016 Soil Remedial Action Completion Report; submitted to regulators on 12 Dec 2020.</p> <p>MILCON-related (non-ERP/CERCLA) manifests are managed by the MILCON project manager(s) and Travis ERP team does not have direct access or control over these manifests. Manifest management falls under "Compliance" and ERP is working with Compliance counterparts for the release of-46 Hangar MILCON related manifests.</p>	Open / In progress



Action Item Review (cont'd)



Item #	Responsible	Action Item Description	Due Date	Action Taken	Status
4	Mr. 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.	18 Jan 2023	Any documents associated with ST028 DGI that require regulatory review will be added to the JEP. Mr. Storrs establish a DMSOA account and has access the Travis JEP. Travis ERP is working to update the JEP with the ST028 documents.	Open / In progress
5	Mr. Storrs, Mr. Coonfare, Ms. Royer, Ms. Constantinescu	Coordinate details for a meeting to be held on 13 December 2022 to discuss upcoming POCO work at Site ST028, Union Creek, and Site SD031, including a POCO 101 segment.	18 Jan 2023	Meeting was held as planned.	Closed

Travis Environmental Restoration Program 2023 RPM & RAB Meeting Schedule

Current as of 20 Dec 2022

Month	RPM Meeting	Location	Place Holder	RAB Meeting
JAN	18 (Wed) 10 am See Note 2	Travis ISS See Note 3	See Note 4	
FEB			15 (Wed) 10 am	
MAR	15 (Wed) 10 am	Travis ISS		
APR		TBD See Note 5	18 (Tue) 10 am See Note 6	20 (Thu) 7 pm See Note 7
MAY	17 (Wed) 10 am	Travis ISS		
JUN			21 (Wed) 10 am	
JUL		TBD	19 (Wed) 10 am 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	UFP-QAPP Travis AFB, Mobashir N. Ahmad FPM, Chris Coonfare	Community Relations Plan Update Travis AFB,TBD Jacobs, Jill Dunphy
Scoping Meeting	NA	NA
Predraft to AF/Service Center	01-06-22	08-23-16
AF/Service Center Comments Due	02-07-22	09-07-16
Draft to Agencies / RAB	05-31-22	09-28-16 (03-22-18)
Agency Comments Due	09-09-22	10-28-16 (04-27-18)
Response to Comments Meeting	TBD	TBD
Agency Concurrence with Remedy	NA	NA
Public Comment Period	NA	NA
Public Meeting	NA	NA
Response to Comments Due	01-11-23	TBD
Draft Final Due	01-11-23	TBD
Final Due	02-13-23	TBD

Travis AFB Master Meeting and Document Schedule

SECONDARY DOCUMENTS (ORC)			
Life Cycle	Subarea LF007C Groundwater Extraction System Optimization Work Plan Travis AFB, Mobashir N. Ahmad Jacobs, Doug Berwick	Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization Work Plan Travis AFB, Mobashir N. Ahmad Jacobs, Tony Chakurian	Site SD031 Data Gaps Investigation Technical Memorandum Travis AFB, Mobashir N. Ahmad Jacobs, Leslie Royer
Scoping Meeting	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 / RAB	01-27-23	02-03-23	03-13-23
Agency Comments Due	02-27-23	03-03-23	04-13-23
Response to Comments Meeting	TBD	TBD	TBD
Response to Comments Due	03-27-23	04-03-23	05-13-23
Draft Final Due	NA	NA	NA
Final Due	03-27-23	04-03-23	05-13-23
Public Comment Period	NA	NA	NA
Public Meeting	NA	NA	NA

Travis AFB Master Meeting and Document Schedule

SECONDARY POCO DOCUMENTS (ORC)			
Life Cycle	POCO Site ST028 Data Gap Investigation Work Plan Travis AFB, Mobashir N. Ahmad Jacobs, Tony Chakurian		
Scoping Meeting	NA		
Predraft to AF/Service Center	01/24/2023		
AF/Service Center Comments Due	02/24/2023		
Draft to Agencies / RAB	03/13/2023		
Agency Comments Due	04/13/2023		
Response to Comments Meeting	TBD		
Response to Comments Due	05/13/2023		
Draft Final Due	NA		
Final Due	05/13/2023		
Public Comment Period	NA		
Public Meeting	NA		

Travis AFB Master Meeting and Document Schedule

INFORMATIONAL DOCUMENTS (ORC)			
Life Cycle	2021 Annual Groundwater Remediation Implementation Status Report Travis AFB, Mobashir N. Ahmad Jacobs, Leslie Royer	2021 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report Travis AFB, Mobashir N. Ahmad Jacobs, Dan Chern	Remedial Action Construction Completion Report Site SS016 Travis AFB, Mobashir N. Ahmad Jacobs, Doug Berwick
Scoping Meeting	NA	NA	NA
Predraft to AF/Service Center	05-06-22	06-07-22	11-30-22
AF/Service Center Comments Due	06-06-22	07-06-22	12-29-22
Draft to Agencies / RAB	07-19-22	09-20-22	02-09-23
Agency Comments Due	09-30-22	10-20-22	03-09-23
Response to Comments Meeting	TBD	TBD	TBD
Response to Comments Due	01-31-23	01-27-23	04-06-23
Draft Final Due	NA	NA	NA
Final Due	01-31-23	01-27-23	04-06-23
Public Comment Period	NA	NA	NA
Public Meeting	NA	NA	NA

Travis AFB Master Meeting and Document Schedule

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

PRIMARY DOCUMENTS			
Life Cycle	Potrero Hills Annex Travis, Chet Storrs		
	FS	Proposed Plan	ROD
Scoping Meeting	180 days after Water Board Order Rescinded	+470 days	+735 days
Predraft to AF/Service Center	+ 270 days	+530 days	+ 915 days
AF/Service Center Comments Due	+ 300 days	+560 days	+ 975 days
Draft to Agencies	+330 days	+590 days	+ 1035 days
Draft to RAB	+ 330 days	+590 days	+ 1035 days
Agency Comments Due	+390 days	+650 days	+ 1095 days
Response to Comments Meeting	+ 405 days	+665 days	+ 1110 days
Agency Concurrence with Remedy	NA	NA	+ 1130 days
Public Comment Period	NA	+735 to 765 days	NA
Public Meeting	NA	+745 days	NA
Response to Comments Due	+430 days	+695days	+ 1190 days
Draft Final Due	+430 days	+695 days	+ 1190 days
Final Due	+460 days	+725 days	+ 1250 days

https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL20299915

Travis AFB Master Meeting and Document Schedule

HISTORY-PRIMARY DOCUMENTS (ORC)	
Life Cycle	Site SD031 Data Gaps Investigation Work Plan Travis AFB, Mobashir N. Ahmad Jacobs, Levi Pratt
Scoping Meeting	NA
Predraft to AF/Service Center	01-20-21
AF/Service Center Comments Due	02-22-22
Draft to Agencies / RAB	04-14-22
Agency Comments Due	06-13-22
Response to Comments Meeting	07-20-22
Agency Concurrence with Remedy	NA
Public Comment Period	NA
Public Meeting	NA
Response to Comments Due	06-29-22
Draft Final Due	06-29-22
Final Due	08-18-22

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

New EPA Health Advisories (no change)

- Awaiting guidance from AFCEC via Office of Secretary of Defense.

Point-Of-Entry-Treatment-Systems

- 9 Jan 2023 Quarterly sampling of system influent/effluent conducted.
- Effluent of all three systems continues non-detect for PFOA/PFOS/PFBS.

Site Inspection Addendum

- Air Force draft comments to regulatory response to RTC, are complete; pending internal review before distribution.
- Release off-base sampling data (sans all PII) to State agencies is approved.
- Data package will only include sample ID, lat/long and analytical sweep.
- No figure plotting the data will be provided.



Land Use Control Updates



SS016-KC-46 Hangar Project

- Vapor Barrier: See Action Item 2.
- Indoor air sampling: The indoor air sampling work plan (Regulatory approved) and sampling cost analysis was provided to ROICC for action.

SD037-Bldg. 977, Aerial Port

-NSTR

LF044, Concrete batch plant construction

-NSTR

NSTR: Nothing Significant To Report; ROICC: Resident Office in Charge of Construction



Land Use Control Updates, cont.

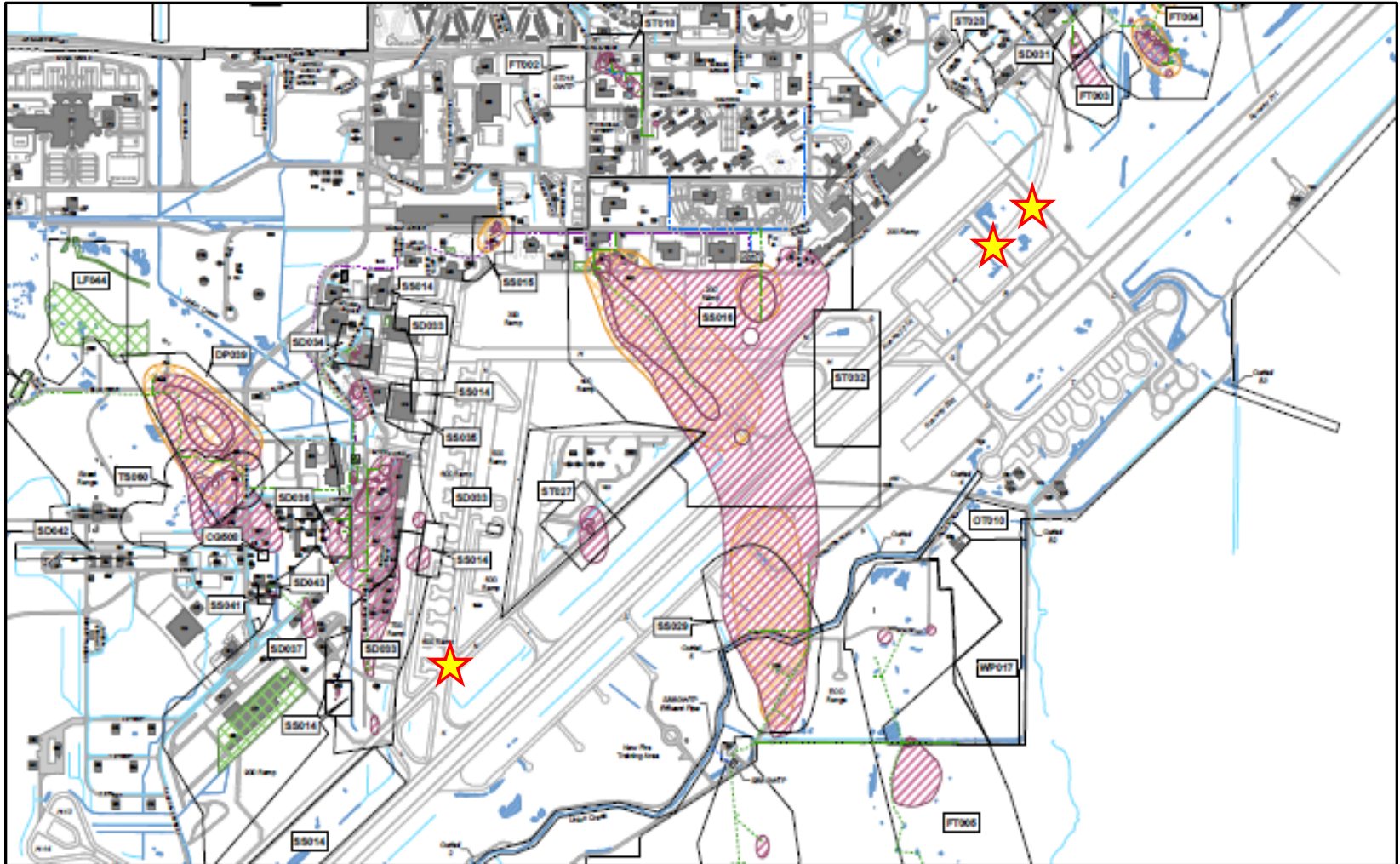


SS016/SS029/ST032 Runway Repairs

- ERP plume and GW monitoring well figures provided to construction managers.
- Concrete demo work starting on/about 28 Jan 2023.
 - 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



ORC Program Update
RPM Meeting
January 18, 2023



Finalized Documents

CERCLA

- Site SD031 Data Gaps Investigation WP

POCO

none



Draft Documents

CERCLA

- UFP-QAPP
- 2021 Annual GRISR
- 2021 Annual Site LF007 CAMU IMM Report

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none



Upcoming Documents

CERCLA

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

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- POCO Site ST028 Data Gap Investigation Work Plan March



Completed Fieldwork

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



Upcoming Fieldwork

CERCLA

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

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- | | |
|------------------|---------|
| • Site ST028 DGI | May-Oct |
|------------------|---------|

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Groundwater Treatment
Systems Updates October,
November, and December 2022



LF007C GWTP



- The system had 100% uptime in October and November 2022, and 97% in December 2022.
- System downtime in December 2022 was due to insufficient battery charge. Several consecutive days of cloudy, rainy weather resulted in extended downtime to allow for additional solar charging time.
- A condensate collection system was installed in November 2022. The system consists of a drum to collect water from the air release system, a 12-volt battery to process the collected water through the treatment system, and a solar panel to charge the battery.



ST018 GWTP



- The system experienced 100% uptime in October, November, and December 2022.
- MTBE influent concentrations remained relatively consistent in October (16 µg/L), November (22 µg/L), and September (21 µg/L) 2022. These concentrations are all approximately half of the concentrations observed in 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 100% uptime in October, 78% in November, and 89% uptime in December 2022.
- Downtime in November and December 2022 was due to the main system transfer pump failing. The pump's impeller, mechanical seal, and motor starter (variable frequency drive) were replaced, and the pump put back in service on 9 December 2022.
- The CGWTP SCADA system is in the process of being upgraded, with completion scheduled for January 2023.
- Extraction wells EW605x16 and EW610x16 were offline from October through December 2022. Both of these wells are expected to be brought back online in the first quarter of 2023.



SBBGWTP



- The SBBGWTP had at 53% uptime in October, 41% in November, and 97% in December 2022.
- The downtime in October 2022 was due to particulate filter valve replacement and carbon change out activities (system off line on 18 October, carbon replaced on 31 October).
- The downtime in November 2022 was related to carbon change out activities (system restarted after confirming effective treatment on 19 November 2022).
- The small amount of down time in December 2022 was due to a power outage during a storm.
- Routine, minor maintenance activities were performed in each month at individual wells (replace flow meters, replace pressure transducers, clean fouled pumps, etc.).



SBBGWTP



- September monthly O&M sample results indicated discharge limit exceedances of cis-1,2-DCE (1.7 µg/L), and TCE (1.4 µg/L).
- Confirmation samples collected in October also indicated an exceedance. The SBBGWTP was shut down on October 18 pending carbon changeout; which occurred on 31 October 2022.
- Confirmation samples to verify effective treatment were collected on 9 November and confirmed effective treatment with the new carbon. The system was brought back on line on 19 November 2022.

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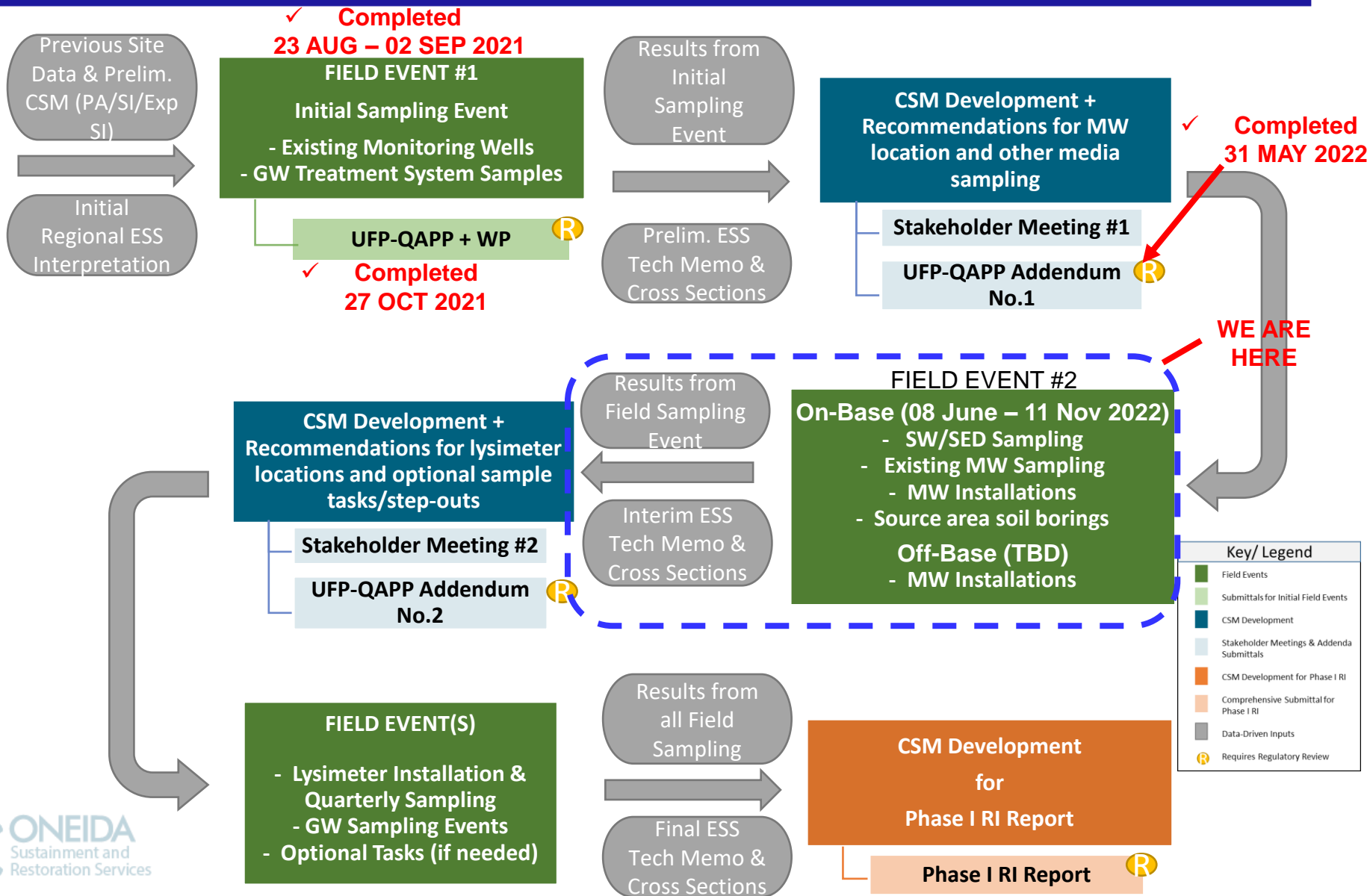
Travis Air Force Base Phase I Remedial Investigation of AFFF Areas

Presented by
Megan Duley, PM

18 January 2023



Phase I Remedial Investigation Data-Driven Process





Field Event #2

Surface Water Sampling



- **Surface water sample collection**
 - 11 locations sampled 5 January 2023 following rain event when the ground likely saturated and increased stormwater runoff and surface water present within Union Creek
 - 19 locations sampled initially in June 2022



Oneida Team surface water sampling
(January 2023)

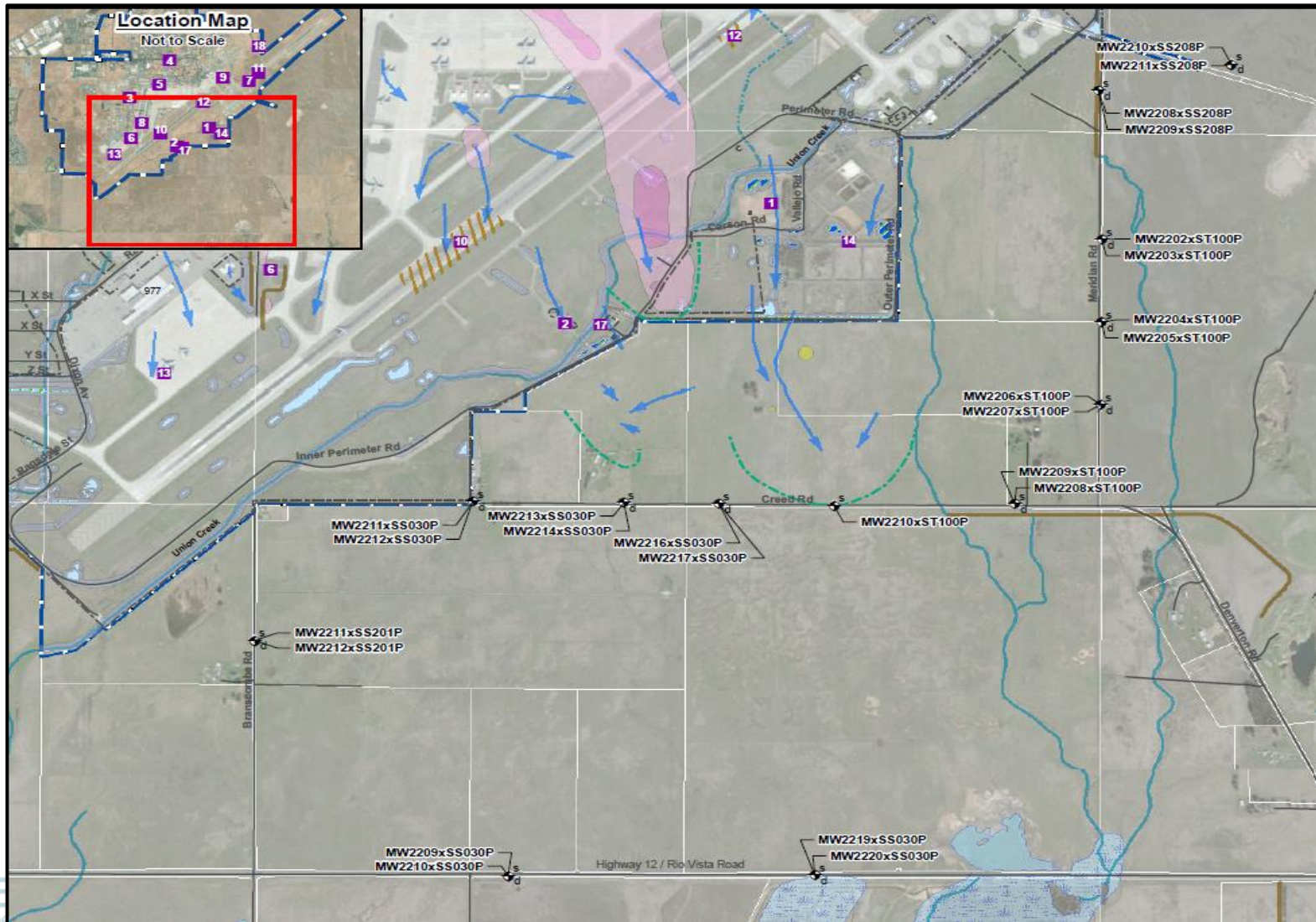


Field Event #2

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.
 - Initial 65 locations completed drilled on-Base July-November 2022

Off-base Well Locations





Next Steps

- Receipt and validation of laboratory analytical data packages – anticipated by early **FEB 2023**
- Further CSM development with results from Field Event #2 – **FEB/MAR 2023**
- Develop Recommendations for Field Event #3 – **FEB/MAR 2023**
- Preliminary Meeting with Agencies – **APR 2023**
- UFP-QAPP Addendum No. 2 – **APR/MAY 2023**
- Field Event #3 – **SUMMER/FALL 2023**
 - Lysimeter installation & quarterly sampling
 - Groundwater sampling event of proposed existing and newly installed MWs
 - Optional MW installations and/or soil borings (as necessary)



Questions?