Travis Air Force Base Environmental Restoration Program Restoration Program Manager's Meeting Summary 17 July 2024, 1000 Hours

The Travis Air Force Base (Travis) Remedial Program Manager (RPM) of the Air Force Civil Engineer Center (AFCEC) Restoration Installation Support Section (ISS) conducted the RPM meeting on 17 July 2024 at 1000 hours. This meeting was held in person with Microsoft Teams and call-in audio options.

Attendees included:

•	Chet Storrs	AFCEC/CZOW
•	Mobashir Ahmad	AFCEC/CZOW
•	Monika O'Sullivan	AFCEC/CZOW

•	Tom Potter	AFCEC/CZOW
•	Kurt Grunawalt	60 AMW/JA
•	Alan Soicher	USACE-Omaha
•	John Childs	USACE-Sacramento
•	Amy Estey	USACE-Sacramento
•	Ryan Sinnott	USACE-Sacramento
•	Nadia Burke	EPA
•	Vicky Wiraatmadja	EPA
•	Karla Brasaemle	TechLaw, Inc.
•	Alberto Gutierrez	DTSC
•	Sharada Balakrishnan	DTSC
•	Adriana Constantinescu	RWQCB
•	Alex Valentine	RWQCB
•	Megan Duley	SRS
•	Chris Coonfare	FPM
•	Gaby Atik	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
- Attachment 5: Travis AFB LUC Update
- Attachment 6: ORC Program Update
- Attachment 7: Presentation Groundwater Treatment Systems Update
- Attachment 8: Presentation: Phase 1 Remedial Investigation of AFFF Areas

I. TRAVIS AFB UPDATES

A. ADMINISTRATIVE

1. Agenda and Introductions

Travis RPM started the meeting and reviewed the agenda. Ms. Constantinescu of the San Francisco Bay Regional Water Quality Control Board announced that she is retiring effective 1 August 2024. She credited the Travis Air Force Base ERP for significant progress during her time on the project. She noted that David Elias will replace her, and introduced Alex Valentine, who will oversee the petroleum projects. She noted that she will provide Travis RPM and Ms. Dunphy with a farewell article for The Guardian by 22 July 2024.

2. Action Item Review (Attachment 2)

Travis RPM reported on the status of action items from the April 2024 RPM Meeting. Please see Attachment 2 for full briefing.

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 October 2024 at 1000.

The next Restoration Advisory Board (RAB) meeting is scheduled for 16 April 2025 at 1900. This is the third Wednesday of April; the venue informed our team that they can no longer accommodate our usual schedule. The RPM meeting will be held on the same day as the RAB (16 April 2025).

The full 2025 Meeting Schedule will be sent to the team ahead of the October RPM meeting for discussion during the meeting.

Travis AFB Master Document Schedule

- Site SD031 RI Work Plan: The Response to Comments Resolved due date was changed to 31 July 2024. All other dates were changed accordingly.
- Community Relations Plan (CRP) Update: The Response to Comments Resolved due date was changed to 9 August 2024. All other dates were changed accordingly.
- Proposed Plan for Sites FT004 and SD034 Groundwater Record of Decision Amendment: This is a new document. The AF document lead will be Travis RPM. The contractor document lead will be Jacobs. The Predraft to AF/Service Center was assigned a due date of 18 October 2024; the rest of the dates were assigned accordingly. It is anticipated that the public meeting for this proposed plan will be held in conjunction with the April 2025 RAB meeting.
- Site LF006 Remedial Action Completion Report: The Response to Comments Resolved and Final due dates were changed to 12 August 2024. Additional discussion will take place after today's RPM meeting.
- Subarea LF007C Groundwater Extraction System Optimization Technical Memorandum: The Response to Comments Resolved and Final due dates were changed to 18 July 2024.
- 2023 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report: There were no changes to the schedule.
- 2023 Annual Groundwater Remediation Implementation Status Report (GRISR): The Predraft to AF/Service Center due date was changed to 11 June 2024 and the AF/Service Center Comments due date was changed to 11 July 2024. The regulatory agencies will request a 60-day review period due to the size and importance of the document and unfamiliarity of newer staff with the contents. The Air Force stated that they would grant the extension once the request is received. The Travis RPM reminded the team that this is a monitoring report which is considered an informational report.
- Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization Technical Document: This is a new document. The AF document lead will be Travis RPM. The contractor document lead will be Jacobs. The Predraft to AF/Service Center was assigned a due date of 20 August 2024; the rest of the dates were assigned accordingly.
- POCO Site ST028 Data Gap Investigation Technical Memorandum: The Response to Comments Resolved and Final due dates were changed to 26 July 2024.

Moved to History:

• None

B. CURRENT PROJECTS

1. PFAS Update (Attachment 4)

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

- During the PFAS Fingerprinting and Background Study slide, Ms.
 Wiraatmadja asked if there will be an interim presentation of the results prior to submittal. Ms. Duley replied that she would need to check with the AF Program Manager for this project because there are seven installations in the contract, and they would need to determine if interim updates would be presented for each team.
- Also during the PFAS Fingerprinting and Background Study slide, Ms.
 Constantinescu noted that the Preliminary ESS Tech Memo provided in 2021 with initial data included concentration data and asked if the Final ESS Technical Memorandum would update those data. Ms. Duley confirmed that the ESS cross sections and evaluation would present updated data from new wells and data collected during the RI field events, but clarified that the ESS Tech Memo would not include data from the fingerprinting and background study due to timing for that separate project's evaluation and reporting.

2. LUC Updates (Attachment 5)

Travis RPM reported on the status of the LUC sites at Travis AFB. Please refer to Attachment 5 for the full briefing. Travis RPM reminded the team that the funding to accomplish the indoor air sampling at the KC-46 Hangar is not through the Environmental Restoration Program, it is through the ROICC.

C. PROGRAM ISSUES/UPDATE

None

newsletter to Travis RPM and Ms. Dunphy.
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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.

2. Groundwater Treatment Systems Update (Attachment 7)

Mr. Berwick reported on the status of the groundwater treatment systems at Travis AFB for March 2024 through May 2024. Please see Attachment 7 for the full briefing.

C. PROGRAM ISSUES/UPDATE

None

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

2	Travis RPM/Leslie Royer	Travis RPM and Ms. Royer will discuss what information to include in future ORC updates to avoid redundancy with the MMDS	16 October 2024	Open
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III. SRS PFAS CONTRACT

A. ADMINISTRATIVE

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

B. PRESENTATIONS

Travis AFB Phase I RI of PFAS Sites – Program/Issues/Update (Attachment 8)

Phase 1 Remedial Investigation Data-Driven Process

Ms. Duley presented the Oneida documents included in the MMDS, which include the Environmental Sequence Stratigraphy (ESS) Tech Memo and the PFAS Phase I RI Report. Ms. Duley noted that the ESS Tech Memo is not a primary document as shown on the MMDS. Oneida will correct the MMDS heading to clarify. Ms. Duley noted that the ESS Tech Memo was not originally planned for regulatory comment and resolution process. Due to team interest and collaboration, Oneida/AECOM plan to submit and request high level comments focused on overall technical content.

Ms. Duley presented a diagram illustrating the current progress and upcoming activities as part of the data-driven process for the Phase I RI. Data generated from Field Event #3 are being integrated with previous field data for use in the ESS, CSM, and Phase I RI Report. The Final Phase I RI Report is planned for submittal in July 2025, which is the end of the current contract.

Current Status/Next Steps

Ms. Duley summarized next steps. The fourth quarterly lysimeter sampling event was conducted on 11 July 2024. Samples were submitted for laboratory analysis, which will be followed by data validation and integration into the project database. As presented in the MMDS, the updated ESS Tech Memo is planned for submittal in September 2024 and the Phase I PFAS RI Report is targeted for submittal in February 2025. Ms. Constantinescu asked if Oneida would be able to send a hard copy of the ESS Tech Memo. Ms. Duley agreed that Oneida can provide a printed copy. Ms. Constantinescu requested one hard copy for the Water Board; USEPA and DTSC will advise if they would like a hard copy.

Questions/Discussion

No further questions or discussion.

	C.	ACTION ITEMS	(indicating status as or	f meeting adjournment)
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Item #	Responsible Action Item Description		Due Date	Status
3	Megan Duley/ Bob Mallisee	Ms. Duley to send PFAS Phase RI Meeting Minutes to Jacobs	31 July 2024	Open

AGENDA TRAVIS AIR FORCE BASE ENVIRONMENTAL RESTORATION PROGRAM RESTORATION PROGRAM MANAGERS' MEETING 17 July 2024

The meeting is scheduled for 10:00am PST conducted via MS TEAMS with in-person option. A site visit to the stormwater conveyance lining project site will follow the RPM meeting.

1. TRAVIS INSTALLATION SUPPORT SECTION

A. ADMINISTRATIVE

- 1. Introductions
- 2. Previous Meeting Minutes
- 3. Action Item Review
- 4. Master Meeting and Document Schedule Review (Jacobs)

B. RPM UPDATES

- 1. PFAS
- 2. Land Use Controls

2. JACOBS OPTIMIZED REMEDIAL CONTRACT (ORC)

- A. Administrative
- B. Program Update

3. ONIEDA AFFF/PFAS REMEDIAL INVESTIGATION

- 1. Administrative
- 2. Master Meeting and Document Schedule Review
- 3. Program Update



Action Item Review



Item #	Responsible Party	Action Item Description	Due Date	Action Taken	Status
1	Megan Duly/Leslie Royer	Ms. Duley to send a list of all PFAS related documents to Ms. Royer to include in the informational documents section of the MMDS; for future discussion as part of the Oneida team updates	17 July 2024	Ms. Royer emailed Ms. Duley and Mr. Mallisee on 3 July 2024 asking for an Oneida MMDS using the standard template that Jacobs has been using for their MMDS, so that documents related to the AFFF Phase 1 RI and PFAS fingerprinting could be discussed as part of the Oneida update. Mr. Mallisee replied on 5 July that Oneida would complete a separate document schedule for these documents.	Closed

Travis Environmental Restoration Program 2024 RPM & RAB Meeting Schedule

Month	RPM Meeting	Location	RAB Meeting
JAN	17 (Wed) 10 am See Note 1	Travis ISS See Note 3	
FEB	*21 (Wed) 10 am See Note 2		
MAR	*20 (Wed) 10 am		
APR	18 (Thu) 12 pm	Travis ISS	18 (Thu) 7 pm See Note 4
MAY	*15 (Wed) 10 am		
JUN	*19 (Wed) 10 am		
JUL	17 (Wed) 10 am	Travis ISS	
AUG	*21 (Wed) 10 am		
SEP	*18 (Wed) 10 am		
OCT	16 (Wed) 10 am	Travis ISS	
NOV	*20 (Wed) 10 am		
DEC			

NOTES:

- 1. All times are Pacific Standard Time (PST). RPM meetings are scheduled for in-person with MS Teams option unless otherwise noted.
- 2. *Indicates "Place holder" to mark your schedules for a meeting as needed. Place holders are in months in which RPM meetings are not held.
- 3. Travis ISS: Travis Installation Support Section; Building 248, 550 Hickam Avenue, Travis AFB.
- 4. Northern Solano County Association of Realtors; 3690 Hilborn Road, Fairfield, CA 94534.

2024 Red font indicates Federal holiday or weekend.

RPM Meeting. \cap

RAB Meeting.

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PRIMARY DOCUMENTS (ORC)							
	Site SD031RI Work Plan	Community Involvement Plan Update	Proposed Plan for Sites FT004 and SD034 Groundwater Record of Decision Amendment				
	Travis AFB RPM	Travis AFB RPM	Travis AFB RPM				
Life Cycle	Jacobs	Jacobs	Jacobs				
Scoping Meeting	NA	NA	NA				
Predraft to AF/Service Center	09-22-23	12-08-23	<mark>10-18-24</mark>				
AF/Service Center Comments Due	10-20-23	01-09-24	<mark>11-15-24</mark>				
Draft to Agencies	11-30-23	02-20-24	<mark>01-16-25</mark>				
Agency Comments Due	01-31-24	04-16-24	03-17-25				
Response to Comments Meeting	TBD	TBD	TBD				
Agency Concurrence with Remedy	NA	NA	NA				
Response to Comments Resolved	<mark>07-31-24</mark>	<mark>08-09-24</mark>	<mark>04-15-25</mark>				
Draft Final Due	<mark>07-31-24</mark>	08-09-24	<mark>04-15-25</mark>				
Final Due	<mark>08-28-24</mark>	09-09-24	<mark>05-13-25</mark>				
Public Comment Period	NA	NA	05-13-25 to 06-12-25				
Public Meeting	NA	NA	TBD				

INFORMATIONAL DOCUMENTS (ORC)							
	Site LF006 Remedial Action Completion Report	Subarea LF007C Groundwater Extraction System Optimization Technical Memorandum	2023 Annual Site LF007 CAMU Inspection, Monitoring, and Maintenance Report				
	Travis AFB RPM	Travis AFB RPM	Travis AFB RPM				
Life Cycle	Jacobs	Jacobs	Jacobs				
Scoping Meeting	07-19-23	NA	NA				
Predraft to AF/Service Center	10-30-23	02-22-24	05-08-24				
AF/Service Center Comments Due	11-29-23	03-21-24	06-06-24				
Draft to Agencies	01-10-24	05-02-24	07-05-24				
Agency Comments Due	02-07-24	05-31-24	08-02-24				
Response to Comments Meeting	TBD	TBD	TBD				
Response to Comments Resolved	<mark>08-12-24</mark>	<mark>07-18-24</mark>	08-30-24				
Draft Final Due	NA	NA	NA				
Final Due	<mark>08-12-24</mark>	<mark>07-18-24</mark>	08-30-24				
Public Comment Period	NA	NA	NA				
Public Meeting	NA	NA	NA				

INFORMATIONAL DOCUMENTS (ORC)			
	2023 Annual Groundwater Remediation Implementation Status Report	Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization Technical Memorandum	
	Travis AFB RPM	Travis AFB RPM	
Life Cycle	Jacobs	Jacobs	
Scoping Meeting	NA	NA	
Predraft to AF/Service Center	<mark>06-11-24</mark>	<mark>08-20-24</mark>	
AF/Service Center Comments Due	<mark>07-11-24</mark>	<mark>09-18-24</mark>	
Draft to Agencies	07-26-24	<mark>10-16-24</mark>	
Agency Comments Due	08-23-24	<mark>11-13-24</mark>	
Response to Comments Meeting	TBD	TBD	
Response to Comments Resolved	09-23-24	<mark>12-13-24</mark>	
Draft Final Due	NA	NA	
Final Due	09-23-24	<mark>12-13-24</mark>	
Public Comment Period	NA	NA	
Public Meeting	NA	NA	

INFORMATIONAL POCO DOCUMENTS (ORC)		
	Site ST028 POCO Data Gap Investigation Report	
	Travis AFB RPM	
Life Cycle	Jacobs	
Scoping Meeting	NA	
Predraft to AF/Service Center	01-26-24	
AF/Service Center Comments Due	02-09-24	
Draft to Agencies	03-01-24	
Agency Comments Due	03-15-24	
Response to Comments Meeting	TBD	
Response to Comments Resolved	<mark>07-26-24</mark>	
Draft Final Due	NA	
Final Due	<mark>07-26-24</mark>	
Public Comment Period	NA	
Public Meeting	NA	

IF



Other PFAS Initiatives



- No Further Action-1
 - -Site Inspection of 4 Addition AFFF Sites
 - -SI Report is complete; will be submitted to Agencies week of 15 Jul -All sites moving into the RI phase -Travis ERP working to add to current RI contract
- Due Diligence for Additional Potential PFAS Sources (not a PA)
 -Contract currently under modification
 -Interview/surveys complete
 -Report currently under construction





- PFAS Fingerprinting and Background Study
 - Travis AFB is included in a nationwide study at seven Air Force/Air National Guard installations
 - Final Travis AFB UFP-QAPP submitted 29 May 2024
 - Field Sampling Activities conducted 29 May 2024 19 June 2024
 - Next Steps
 - Laboratory Analysis
 - ✓ Data Validation
 - ✓ Data Evaluation
 - Combined Fingerprinting/Background Analysis Report (submittal TBD 2025)





- SS016 KC-46 Hangar Vapor Sampling
- Funded by Air Force contracted through the Navy
- Navy Contracts have in queue for action:
- <mark>- Next Steps</mark>
 - Issue Request for Proposal by end of July
 - Contractor Proposal due mid August (pending any requests for information from the Contracting Office)
 - Evaluate award, discussions, negotiations early September
 - Award mid September and NLT 30 Sept 2024

Air Force Civil Engineer Center



ORC Program Update RPM Meeting July 17, 2024

FPM/ Jacobs

1

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Finalized Documents



CERCLA

- Site SD031 Data Gaps Investigation Workplan
- UFP-QAPP
- 2021 Annual GRISR
- 2021 Annual Site LF007 CAMU IMM Report
- Subarea LF007C Groundwater Extraction System Optimization Workplan
- Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization Workplan
- Site SD031 DGI TM
- 2022 Annual CAMU IMM Report
- 2022 Annual GRISR





<u>POCO</u>

- POCO Site ST028 DGI WP
- POCO Site SS014 Subsite 1 Remedial Action Report Addendum



Draft Documents



CERCLA

- Site SD031 RI Work Plan
- Site LF006 RACR
- Community Involvement Plan Update
- Subarea LF007C GES Optimization TM
- 2023 Annual CAMU IMM Report

<u>POCO</u>

• Site ST028 POCO DGI Report





CERCLA

- 2023 Annual GRISR July
 Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization TM October
 PP for Sites FT004 and SD034 Groundwater ROD Amendment January
 - POCO

• None



Completed Fieldwork



- 4Q21 GRIP Event
- 2Q22 GRIP Event
- Site SD031 Data Gaps Investigation
- 4Q22 GRIP Event
- 2Q23 GRIP Event
- Site LF007C Optimization
- 4Q23 GRIP Event
- Site ST028 POCO DGI
- Well Development/Repair
- 2Q24 GRIP Event
- Sites SS015, SD036, SD037, and DP039 Groundwater Remedy Optimization





CERCLA

- Site SD031 RI
- 4Q24 GRIP

July-January (In Progress) October-November

<u>POCO</u>

• None

Air Force Civil Engineer Center



Groundwater Treatment Systems Updates March through May 2024

FPM/ Jacobs

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LF007C GWTP



• The LF007C GWTP was taken off line on 17 January 2024 due to the presence of vernal pools. The system remained offline through May 2024 while the vernal pools were present.



Central GWTP



- System experienced 100% uptime in March, 97% in April, and 93% in May 2024.
- The CGWTP was taken off line in April to install new system piping from the influent tank to the bag filter manifold.
- The CGWTP was taken off line in May to remove the existing bag filter manifold and replace with new bag filter housings.







- The system was taken off line on 16 January 2024 due to an effluent exceedance of cis-1,2-DCE.
- The system remained off line through May 2024 while a carbon changeout was coordinated.

Travis AFB Master Meeting and Document Schedule

PRIMARY DOCUMENTS (PFAS RI)			
	Environmental Stratigraphy Sequencing Report Travis AFB RPM	PFAS Remedial Investigation Report Travis AFB RPM	
Life Cycle	Oneida	Oneida	
Scoping Meeting	NA	NA	
Predraft to AF/Service Center	7-30-24	9-28-24	
AF/Service Center Comments Due	8-30-24	10-28-24	
Draft to Agencies	9-14-24	2-17-25	
Agency Comments Due	10-15-24	4-18-25	
Response to Comments Meeting	TBD	TBD	
Agency Concurrence with Remedy	NA	NA	
Public Comment Period	NA	NA	
Public Meeting	NA	NA	
Response to Comments Resolved	11-2-24	5-13-25	
Draft Final Due	NA	5-28-25	
Final Due	11-15-24	6-27-25	

Air Force Civil Engineer Center



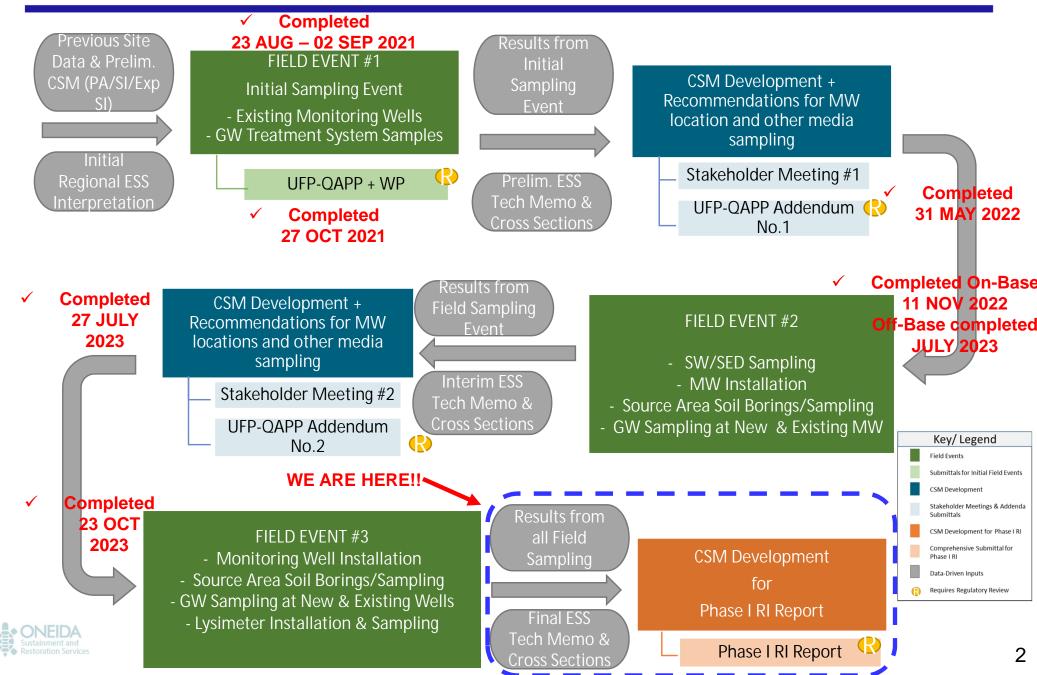
Travis Air Force Base Phase I Remedial Investigation of AFFF Areas

> Presented by Megan Duley, PE

> > 17 July 2024

Battle Ready...Built Right!

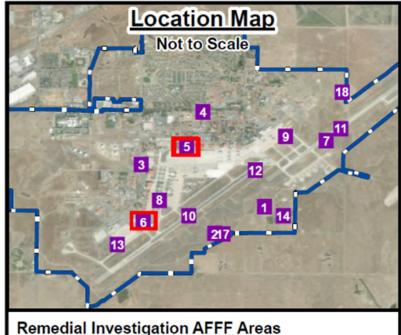
Phase I Remedial Investigation Data-Driven Process







- Final quarterly lysimeter sampling event AFFF Areas 5 and 6 - July 2024
- Data Evaluation and CSM Development
 - Environmental Sequence Stratigraphy (ESS) Tech Memo update in Summer/Fall 2024
- Phase I RI Report (2025)
 - Draft to Agencies targeted for Feb 2025





Questions?