



YOUR WATER. YOUR FUTURE.

**SCIF Stakeholder Meeting #4:
Response and Next Steps**

July 15, 2026

Agenda

- Welcome and Introductions
- Recap of Previous Meetings
- SCIF Water Treatment Options and Costs
- PFAS Monitoring
- CAP/SRP Exchange Concept to Improve SCIF Operational Certainty
- NEPA Timeline
- Next Steps

Recap of Previous Meetings

Stakeholder Meeting Series

Connecting CAP & SRP Systems: SRP-CAP Interconnect Facility (SCIF) Water Quality Analysis

1. January 14, 2026, 1-3pm: Stakeholder Briefing
 - Background on the CAP Wheeling Process and the SCIF
2. January 29, 2026, 9-11am: Stakeholder Briefing
 - Initial SCIF Water Quality Modeling Results
3. February 11, 2026, 9-11am: Stakeholder Roundtable
 - Feedback on SCIF and Water Quality Modeling
4. July 15, 2026: Stakeholder Briefing
 - SCIF Water Quality – Response and Next Steps
5. ***NEW*** Date TBA: Stakeholder Roundtable
 - SCIF Operations and Water Quality



CAP Headquarters



Livestreamed

questions@cap-az.com

February Roundtable Topics

Issue	Strategies Considered to Date
Information Sharing	• Providing background • Providing water quality modeling results
Downstream Water Quality Impacts • Presence of PFBS	• Changes to Water Quality Guidance • Blending • Treatment
Operations • Varying SCIF introduction flow rates to meet water quality standards leads to wide variability in potential SCIF annual deliveries	
• Other	

Feedback from CAP Water Users

- Impacts to Downstream Users
 - Discussion of cost of treatment downstream as compared to treating prior to introduction and consideration of who bears that cost
- Presence of PFBS in Salt and Verde River (SVR) Water
 - Questions regarding source of PFBS
 - Concerns regarding delivery of PFBS to Tucson AMA aquifers
- Information Sharing
 - Requests for additional water quality data from SRP
 - Requests for additional information on modeling from CAP

SCIF Water Treatment Options and Costs

Water Treatment at the SCIF Site



- Treatment options evaluated include Groundwater blending, Pre-treatment and PFBS treatment
- All options result in additional capital costs ranging up to \$1.7 billion
 - Additional Unit Cost (\$/AF): Approximately \$7,000/AF to \$23,000/AF
 - Results in a 120% - 700% additional capital cost increase for the project
 - Does not factor in any expenses required to operate and maintain the treatment facilities

Note: SCIF 2024 Cost Estimate - \$247 million and an estimated unit cost of \$4,117/AF, assuming an average of 60,000 acre-feet of conveyance annually.

Water Treatment Summary

- Redundant treatment of raw water to drinking water standards
 - Future varying water quality due to unknown delivery volumes and new wheeling projects in CAP canal
- Limitations
 - Significant cost increase – capital, engineering, operational and maintenance
 - Physical space
- Centralized treatment at the SCIF site was determined to be impracticable by SCIF Participants



PFAS Monitoring

PFAS Occurrence Monitoring

- Additional monitoring has been initiated to identify trace PFBS concentrations within the SRP system
- The SCIF Project is engaging with downstream entities to better understand water quality concerns



PFAS Occurrence Monitoring



- 8 locations will be sampled on a quarterly basis:
 - 6 Salt River locations
 - 1 Verde River location
 - 1 Granite Reef Diversion Dam location
- Initial round of sampling indicates trace PFBS concentrations ranging from 2.4 ppt - 16 ppt*
- Preliminary monitoring has not identified a point source contributing to PFBS concentrations

* The current health advisory level for PFBS is 2,000 ppt. PFBS is one of the four PFAS compounds listed in EPA's Hazard Index with a limit of 1 (unitless).

ADEQ PFAS Monitoring

- A proactive state-wide drinking water monitoring program for PFAS in cities and rural communities statewide was initiated in 2022
- ADEQ is currently conducting monitoring of surface waters throughout Arizona
- Interactive map with public information:
 - <https://experience.arcgis.com/experience/9a4b9734d7134b5e8e4820a996eb3191>

CAP/SRP Exchange Concept to Improve SCIF Operational Certainty

SCIF Delivery Variability

- Water quality compliance dictates the volumes that would be able to be delivered through the SCIF in any given year
 - These volumes can vary widely, depending on conditions in the watershed
- Inter- and intra-year variability poses issues for operations and planning
 - Scheduling delivery volumes and flows
 - Rates
 - Participant supply planning

Exchange Concept

- Utilize the multi-year operational exchange to smooth SCIF deliveries
- Expand the existing exchange to also include storage of SVR water in Lake Pleasant
- Provide operational benefits with no impact to CAP Project Water supplies
 - Would be subordinate to CAP Subcontractor operational needs

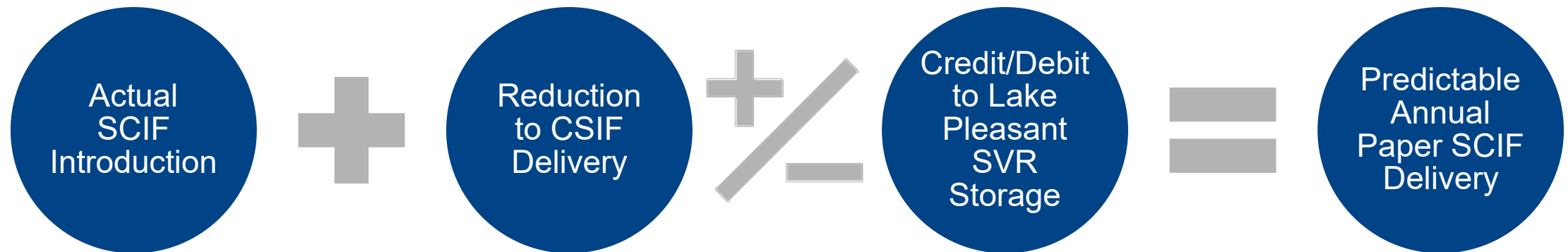
CAP / SRP Operational Exchange

- Exchange statutes allow for exchanges between CAP and SRP to occur over time periods greater than 12 months (A.R.S. 45-1002(B)(4))
- Currently utilized to support operations between CAP and SRP
- Existing exchange agreement allows for annual volumes up to 150,000 AF

Exchange Concept – Potential Benefits

- Provide operational/scheduling predictability
- Provide volumetric predictability for participants, using water stored upstream of CAP surface water treatment plants
- Help to ease some quality and reliability concerns by supplementing supplies
- Maximize “forward deliveries” occurring through CSIF

Proposal: Use Operational Exchange and Lake Pleasant Storage to Improve SCIF Reliability



NEPA Timeline & Next Steps



SCIF Environmental Impact Statement (EIS)

- Issue Notice of Intent to prepare an EIS (early fall 2026)
- 30-day public comment period with public scoping meetings
- Draft EIS issued approximately 12-14 months after Notice of Intent
- 30-day public comment period for the Draft EIS with public meetings
- Final EIS completed two years after Notice of Intent, Record of Decision to follow.



Next Steps

Next Steps

- Ongoing work
 - Additional analysis of downstream water quality
 - Monitoring ADEQ's PFAS efforts
 - Further evaluation of CAP/SRP exchange concept
- Future Updates
 - Initial Analysis results
 - NEPA updates
- Next Meeting: SCIF Operations and Water Quality Roundtable
 - Date TBA



Next Meeting: Roundtable: SCIF Operations and Water Quality Date TBA

Additional questions/comments can be sent to
questions@cap-az.com.

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