



BOARD OF DIRECTORS MEETING | Agenda

FRIDAY, DECEMBER 09, 2022

CLOSED SESSION – 8:30 A.M. /OPEN SESSION – 10:00 A.M.

VISALIA CONVENTION CENTER, 303 E ACEQUIA AVE, VISALIA, CA 93291
SEQUOIA ROOM

At the discretion of the Board of Directors, all items appearing on this agenda, whether or not expressly listed for action, may be subject to action by the Board. The order of agenda items is subject to change.

Here is the meeting link for members of the public that would like to access the Board meeting via Teams at 10:00 a.m.

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Phone Conference ID: 460 755 783#

CALL TO ORDER/ROLL CALL – (LOEFFLER)

APPROVAL OF THE AGENDA – (LOEFFLER)

PUBLIC COMMENT ON CLOSED SESSION ITEMS – (DAVIS)

ADJOURN TO CLOSED SESSION

1. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

(Government Code section 54956.9(d)(1))

1. *California Natural Resources Agency v. Raimondo*, United States District Court for the Eastern District of California, Case No. 1:20-CV-00426-DAD-EPG
2. *Tehama Colusa Canal Authority v. California Dept. of Water Resources*, Sacramento County Superior Court, Case No. 34-2021-80003665-CU-WM-GDS

3. *NRDC v. Rogers*, U.S. District Court, Eastern District of California (Sacramento Division), Case No. 88-CV-1658-JAM-GGH.
- B. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
(Government Code section 54956.9(d)(2))
Significant Exposure to Litigation: Three potential matters.
 - C. CONFERENCE WITH LEGAL COUNSEL-INITIATION OF LITIGATION
(Government Code section 54956.9(d)(4))
Initiation of Litigation: Two potential cases.
 - D. CONFERENCE WITH REAL PROPERTY NEGOTIATORS
(Government Code section 54956.8)
Property: Friant-Kern Canal facilities and right-of-way
Agency negotiator: CEO, COO, CFO, General Counsel
Negotiating parties: United States (Bureau of Reclamation)
Under negotiation: Middle Reach Capacity Correction Project Cost Share Agreement
(price and terms of payment)

RECONVENE INTO OPEN SESSION (10:00 AM) (ANNOUNCE ANY REPORTABLE CLOSED SESSION ACTION.) - (LOEFFLER)

PUBLIC COMMENT / PUBLIC PRESENTATIONS – (LOEFFLER)

Public comment is welcome at this time on any matter within the jurisdiction of the Board that is not on the agenda. Under the State's open meeting law - the Brown Act - no action may be taken on any item not on the agenda. Public comment on items on the agenda will be allowed at the time the Board considers the item.

2. CONSENT CALENDAR – (5 MINUTES)

The following routine matters will be acted upon by one vote, unless a Board Member requests separate consideration of the item.

- A. Approval of the Minutes – Board of Directors Meeting of October 27, 2022. (Loeffler)
- B. Adopt Resolution No. 2022-03 Setting the 2023 Regular Board Meeting Dates. (Loeffler)
- C. ASO Agreement – Authorization to Modify Services Agreement with Airborne Snow Observatories, Inc. for Water Year 2023. (Buck-Macleod)
- D. Ratify November 2022 Bills and Accept the Cash Activity Reports for October 2022. (Orvis)

3. ACTION ITEMS (20 MINUTES)

- A. Second Quarter Call-for-Funds – Approve the second quarter call-for-funds for the General Membership Budget (Orvis)
- B. Nominations and Election of Board Officers, and Executive Committee and Standing Committee Members for the 2023-2024 Term. (Loeffler, Davis)

4. GENERAL UPDATES & REPORTS (75 MINUTES)

- A. FKC Middle Reach Capacity Correction Project Update - Construction Progress Report and Financial Summary (Stantec Atkinson)/Amaral/Davis/Orvis/Phillips) (10 minutes)
- B. Water Operations Update. (Buck-Macleod) (10 minutes)
- C. FKC Water Quality Guidelines (Buck-Macleod) (5 Minutes)
- D. External Affairs Activities. (Biering/Amaral) (10 minutes)
- E. O&M Report. (Hickernell) (5 minutes)
- F. San Joaquin Valley Blueprint Update. (Ewell) (10 minutes)
- G. San Luis & Delta-Mendota Water Authority Update. (Phillips/Orvis) (5 minutes)
- H. 2022 FWA Board Retreat Summary (Orvis/Amaral/Phillips) (10 minutes)
- I. CEO Report. (Phillips) (10 minutes)

5. ADJOURNMENT

PUBLIC PARTICIPATION INFORMATION

Agenda reports and other disclosable public records related to each Open Session agenda item are available on FWA's website under "Calendar" at Friantwater.org and at FWA's main office, 854 N. Harvard Ave., Lindsay, CA 93247, during regular business hours. Under the Americans with Disabilities Act, if you require a disability-related modification or accommodation to participate in this meeting, including auxiliary aids or services, please contact Maggie Suarez at 559-562-6305 or msuarez@friantwater.org at least 48 hours prior to the meeting.



BOARD OF DIRECTORS MEETING | Minutes

THURSDAY, OCTOBER 27, 2022

CLOSED SESSION – 8:30 A.M. /OPEN SESSION – 10:00 A.M. VISALIA
CONVENTION CENTER, 303 E ACEQUIA AVE, VISALIA, CA 9329 - SEQUOIA
ROOM

CALL TO ORDER/ROLL CALL

Chairman Cliff Loeffler called to order the noticed meeting of the Board of Directors of the Friant Water Authority at 8:30 a.m. Chief Executive Officer, Jason R. Phillips noted that a quorum of the Board of Directors was present.

ATTENDANCE:

Directors Present:

Edwin Camp	Arvin-Edison W.S.D. (AEWSD)
Roger Schuh	Chowchilla W.D. (CWD)
George Porter	Fresno I.D. (FID)
Chris Tantau	Kaweah Delta W.C.D. (KDWCD)
Kent Stephens	Kern-Tulare W.D. (KTWD)
Michael Brownfield	Lindmore I.D. (LID)
Cliff Loeffler	Lindsay-Strathmore I.D. (LSID)
Josh Pitigliano	Lower-Tule River I.D. (LTRID)
Jim Erickson	Madera I.D. (MID)
Arlen Miller	Orange Cove I.D. (OCID)
Eric Borba	Porterville I.D. (PID)
Steven G. Kisling	Saucelito I.D. (SID)
Matthew Leider	Teapot Dome W.D. (TPWD)
Edwin Wheaton	Terra Bella I.D. (TBID)

Directors Absent:

Brock Buche	City of Fresno (CofF)
Loren Booth	Hills Valley I.D. (HVID)
Rick Borges	Tulare I.D. (TID)

APPROVAL OF THE AGENDA

The Board approved the agenda as presented.

M/S/C – Motion by Director Brownfield, seconded by Director Schuh, to approve the agenda as presented. The motion carried. (Roll Call Vote: Ayes – AESWD, CWD, FID, KDWCD, KTWD, LID, LSID,

MID, OCID, PID, SID, TPWD, TBID; Nays – 0; Absent – Coff, TID)

PUBLIC COMMENT ON CLOSED SESSION ITEMS –

(DAVIS) ADJOURN TO CLOSED SESSION

1. CLOSED SESSION

- A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
(Government Code section 54956.9(d)(1))
 - 1. *NRDC v. Rogers*, U.S. District Court, Eastern District of California (Sacramento Division), Case No. 88-CV-1658-JAM-GGH.
 - 2. *Friant Water Authority v. Kyte & County Line Farms LLC*, Tulare County Superior Court, Case No. VCU288546
- B. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
(Government Code section 54956.9(d)(2))
Significant Exposure to Litigation: Three potential matters.
- C. CONFERENCE WITH LEGAL COUNSEL-INITIATION OF LITIGATION
(Government Code section 54956.9(d)(4))
Initiation of Litigation: Two potential cases.
- D. CONFERENCE WITH REAL PROPERTY NEGOTIATORS
(Government Code section 54956.8)
Property: Friant-Kern Canal facilities and right-of-way Agency negotiator: CEO, COO, CFO, General Counsel Negotiating parties: United States (Bureau of Reclamation)
Under negotiation: Middle Reach Capacity Correction Project Cost Share Agreement (price and terms of payment)
- E. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
(Government Code section 54957) Title: CEO

RECONVENE INTO OPEN SESSION

There was no reportable action taken during closed session.

PUBLIC COMMENT / PUBLIC PRESENTATIONS

Chairman Loeffler opened the meeting with an Invocation. Chairman Loeffler also took a moment to reflect on FWA's former Chairman Harry Bailey's contributions to the Friant Water Authority upon learning of his passing recently. Fergus Morrissey, General Manager for the OCID water district also

said that Harvey Bailey was a man who never disparaged another person and never carried any animosity against anyone. He will be missed. The Board of Directors concurred with those sentiments.

2. CONSENT CALENDAR

The following routine matters will be acted upon by one vote, unless a Board Member requests separate consideration of the item.

- A. Approval of the Minutes – Board of Directors Meeting of September 22, 2022. (Loeffler)
- B. Adopt Resolution No. 2022-03 Setting the 2023 Regular Board Meeting Dates. (Loeffler)
- C. Friant-Kern Canal Water Quality Guidelines Program CEQA Consultant – Approve Contract with Environmental Services Associates for CEQA consultant services for the Water Quality Guidelines Program. (Buck-Macleod/Davis)
- D. Reverse-Flow Pump-Back Project Consultant Services – Approve Modification to contract with Provost and Pritchard for engineering services. (Buck-Macleod)
- E. Ratify October 2022 Bills and Accept the Cash Activity Reports for September 2022. (Orvis)

Director Borba reported that there were three days on the proposed 2023 Board of Directors meeting dates that he would not be able to attend due to conflicts with other meetings and asked staff and the Board of Directors to see if those dates could be changed. Staff advised that they will review Director Borba’s request to see if any changes can be made and bring the Resolution back to the Board in December.

M/S/C – Motion by Director Borba, seconded by Director Leider, to approve the consent calendar as presented for Items A, C, D and E and to bring back Item B to the Board meeting in December. The motion carried. (Roll Call Vote: Ayes – AESWD, CWD, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID; Nays – 0; Absent – Coff, TID)

3. ACTION ITEMS (20 MINUTES)

- A. IntelliSite/EPIC IO Contract– Approve five-year contract with IntelliSite for Supervisory Control and Data Acquisition (SCADA) support services – Superintendent Hickernell reported that when this proposal was considered during the September BOD meeting and consequently delayed as direction was given to staff to regroup and conduct an in-depth briefing on the proposal with the Friant Division General Managers. That briefing took place on October 5th and included a presentation by Epic IO staff. Superintendent Hickernell along with Michael Knight, JP Kenny and Jorge Campos of EPIC IO provided a detailed presentation and then answered questions.

M/S/C – Motion by Director Stephens, seconded by Director Camp, to approve a 5-year Contract with Epic IO for SCADA License and Support Services. The motion carried. (Roll Call Vote: Ayes – AESWD, CWD, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID; Nays – 0; Absent – Coff, TID)

- B. 1st Quarter Call-for-Funds for General Membership – Approve the first quarter call-for-funds for the General Membership Budget – The Board of Directors approved a first quarter call-for-funds for the GM membership budget as outlined in the agenda report.

M/S/C – Motion by Director Borba, seconded by Director Brownfield, approve the November 2022 Call-for-Funds in the amount of \$618,224 for the first quarter per Exhibit A for the FY 2023 General Membership Budget. The motion carried. (Roll Call Vote: Ayes – AESWD, CWD, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID; Nays – 0; Absent – Coff, TID)

- C. Associate Membership Agreements – Approve FWA Associate Membership Agreements with various Friant Contractors (Delano-Earlimart Irrigation District, Exeter Irrigation District, Ivanhoe Irrigation District, Pixley Irrigation District, Stone Corral Irrigation District, and Shafter-Wasco Irrigation District). The Board of Directors approved FWA Associate Membership agreements with various Friant Contractors as outlined in the agenda report.

M/S/C – Motion by Director Porter, seconded by Director Tantau, to approve the proposed form of Associate Membership Agreement with Delano-Earlimart Irrigation District, Exeter Irrigation District, Ivanhoe Irrigation District, Pixley Irrigation District, Stone Corral Irrigation District, and Shafter-Wasco Irrigation District. The motion carried. (Roll Call Vote: Ayes – AESWD, CWD, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID; Nays – 0; Absent – Coff, TID)

4. **GENERAL UPDATES & REPORTS (80 MINUTES)**

- A. FKC Middle Reach Capacity Correction Project Update - Construction Progress Report and Financial Summary – Stantec’s Janet Atkinson provided a project update as outlined in the agenda report. She also reported that the contractor has worked 267 calendar days; Prewet systems installation and operation continued at the TBID borrow area; Continued canal excavation and embankment placement along the alignment. Most of the new canal prism has been excavated to invert between Avenue 136 and Avenue 88, and the alignment between Avenue 88 to the end is mostly excavated to invert; Work in the Deer Creek check/siphon area included concrete formwork installation, waterstop installation, reinforcing bar steel placement and placing structural concrete; Work for the roadway crossing siphons at Avenue 88 and Avenue 112 included concrete formwork placement, waterstop installation, reinforcing bar steel placement, and placing structural concrete; At the Road 192 siphon, work included waterstop and reinforcing bar steel placement; Road closures for roadway siphons at Avenues 88 and 112 are in effect and a temporary shoofly is in place at Road 192; and work continued on the irrigation and drainage box extensions at several locations.
- B. FKC Systemwide Capacity Correction Reconnaissance (SCCR) Study Update – Stantec’s Bill Swanson reported on the FKC SCCR study as outlined in the agenda report. He also noted that the goal of these studies is to restore the maximum design capacity of the entire FKC. The results of the study will be presented during the Board Retreat planned for November 16th and 17th in Paso Robles.
- C. Water Operations Update – WRM Buck-Macleod provided a water operations update as outlined in the agenda report. He also reported that the Friant Class 1 allocation remains at 30%; the most recent CVO forecast was released at the end of September, which provides an outlook for fall and winter operations under a 90% exceedance hydrology. It is not anticipated that additional releases from Millerton to meet Exchange Contractor demand will be required for the remainder of 2022. Restoration flow releases resumed on October 1st, with full reconnection of the Lower San Joaquin River expected by early November.

- D. External Affairs Activities – GAC Biering and COO Amaral provided an update on External Affairs activities as outlined in the agenda report. They also reported that the California Department of finance is still projecting deficits in 2023 in the range of \$4-8 billion in the first quarter of 2023; the Governor has called a Special Session of the Legislature on December 5, after the election, to review the pricing structure and profits for the oil industry in California, including the possibility of discussing a higher tax on their “windfall profits”; Federally, Congress is expected to consider more disaster aid in a Lame Duck session; Interior announced \$210 million for new water storage projects in the West; and NOAA predicts a 3rd year of La Niña in the West.
- E. O&M Report – Superintendent provided an update on current O&M activities as outlined in the agenda report. He also reported that Friant has gone 2,228 days without a lost-time injury accident.
- F. San Joaquin Valley Blueprint Update – Austin Ewell provided an update on San Joaquin Blueprint activities as outlined in the agenda report. He also reported that the group has set its strategic priorities for 2022-2025 to focus on Advocacy, Groundwater Quality and Disadvantaged Communities, Land Use Changes & Environmental Planning, Outreach & Communications, SGMA Implementation, Water Supply Goals, Governance, Operations & Finance.
- G. San Luis & Delta-Mendota Water Authority (SLDMWA) Update – CFO Orvis provided an update on current activities of SLDMWA. He reported that FWA is continuing to have discussions on how San Joaquin River releases to Mendota Pool are to be treated under the current MOU between FWA and SLDMWA. SLDMWA has begun formulating their WY 2023 OM&R Budget. FWA will continue to participate on their O&M Committee to provide feedback.
- H. CEO Report – CEO Phillips provided an update on current activities of the CEO. He also said that he is currently working on providing feedback to Senator Padilla’s office on a Draft Multi-benefit Land Repurposing Bill that aims to support SGMA compliance and reducing groundwater reliance by supporting voluntary land-use changes.

5. ADJOURNMENT

The meeting adjourned at 12:07 p.m.

Jason R. Phillips, Chief Executive Officer
Friant Water Authority

Toni Marie, Recording Secretary
Friant Water Authority

OTHERS IN ATTENDANCE:

Vivian Garcia	FWA
Maggie Suarez	FWA
Mia Swenson	FWA
Jason Phillips	FWA
Johnny Amaral	FWA
Wilson Orvis	FWA

Ian Buck-Macleod	FWA
Chris Hickernell	FWA
Alex Biering	FWA
David Dees	FWA
Don Davis	FWA General Counsel
John Bezdek	FWA Special Counsel
Alan Doud	Young Wooldridge
Bill Stretch	Fresno I.D.
Tom Barcellos	LTRID
Aaron Fukuda	Tulare I.D.
Eric Limas	Lower Tule River I.D., Tea Pot Dome W.D.
Bill Luce	Luce Consulting
Brandon Tomlinson	Chowchilla W.D.
Craig Wallace	Lindsay-Strathmore I.D.
Jeevan Muhar	Arvin-Edison W.S.D.
Tommy Greci	Madera I.D.
Steve Ottemoeller	Ottemoeller Consulting
Mike Hagman	Lindmore I.D.
Eric Quinley	Delano-Earlimart I.D.
Mark Larsen	Kaweah-Delta W.C.D.
Skye Grass	Kern-Tulare W.D.
Chris Hunter	Lindmore I.D.
Austin Ewell	California Blueprint
Don Wright	Waterwrights.com
Kris Lawrence	Shafter-Wasco I.D.
Sean Geivet	PID/SID/TBID
Aubrey Mauritson	Visalia Law
Fergus Morrissey	Orange Cove I.D.
Brian Thomas	FWA Consultant
Janet Atkinson	Stantec
Sebastian Silveira	
Bill Swanson	Stantec
Evan Perez	Stantec
Kristi Robinson	
Mitch Partovi	The Water Agency, Inc.
Shelly Abajian	Senator Feinstein
Rufino Gonzalez	Bureau
Roland Gross	Southern San Joaquin M.U.D.
Kuyler Crocker	CCM
Gene Kilgore	Tri-District Water Authority
Allison Tristao	Western United Dairies
Randy Hopkins	Provost & Pritchard
Aaron Henderson	JP Kenney
Elpidio Compres	
Jorje Campos	
Michael Knight	
Summer Rooks	

AGENDA REPORT

NO. 2.B

DATE: December 09, 2022

TO: Friant Water Authority, Board of Directors

FROM: Toni Marie, Board Recording Secretary

SUBJECT: Adopt Resolution No. 2022-03 A Resolution of the Friant Water Authority Board of Directors Setting its 2023 Regular Meeting Dates

SUMMARY:

The Board of Directors meeting dates are set annually. The attached Resolution of the Friant Water Authority No. 2022-03 and its Exhibit A memo includes the meeting dates and times for the 2023 calendar year as recommended by Staff.

RECOMMENDED ACTION:

It is recommended that the Board of Directors review and consider for adoption the Resolution for the meeting dates for 2023.

SUGGESTED MOTION:

Motion to adopt Resolution No. 2022-03 setting the Friant Board of Directors 2022 meeting dates and locations.

ATTACHMENTS:

Resolution No. 2022-03
Exhibit A Memo – Board of Directors Meeting Dates for 2023
For information only – Executive Committee Meeting Dates Memo; and Finance Committee Meeting Dates Memo.

Resolution No. 2023-03

**A Resolution of the Friant Water Authority Board of Directors
Setting Its 2023 Regular Meeting Dates**

WHEREAS, Article III of Bylaws of the Friant Water Authority provides that its Board of Directors will hold a regular meeting on the fourth Thursday of each month, except as otherwise determined by the Board of Directors; and

WHEREAS, the Board of Directors has determined to establish the time and location for its regular meeting for the year 2023,

NOW, THEREFORE, BE IT RESOLVED that during 2023, the regular meetings of the Board of Directors of the Friant Water Authority will be held in Tulare County, California, commencing at 8:30 a.m., on the dates set forth on the schedule attached as Exhibit A; and

BE IT FURTHER RESOLVED that all meetings of the Board of Directors will be noticed and conducted subject to the provisions of the Ralph M. Brown Act, Sections 549050 and following, of the California Government Code.

PASSED AND ADOPTED by the Board of Directors of the Friant Water Authority on October 27, 2022.

Cliff Loeffler, Chair of the Board of Directors

ATTEST:

Jim Erickson, Secretary/Treasurer
Friant Water Authority

I, Jim Erickson, Secretary/Treasurer of the Friant Water Authority, certify that Resolution No. 2022-03 was duly adopted by the Board of Directors of the Friant Water Authority at a regular meeting held on October 27, 2022, by the following vote: .

AYES:

NOES:

ABSENT:

Jim Erickson, Secretary/Treasurer
Friant Water Authority

MEMORANDUM

DATE: December 9, 2022
TO: Board of Directors
FROM: Toni Marie, Executive Secretary
SUBJECT: FWA BOARD MEETING DATES FOR 2023

The Board of Directors meets every 4th Thursday of the month at 8:30 a.m. except as noted. There is no Board of Directors meeting in November. Below is a schedule showing dates and times. The location for the meetings will be at the Visalia Convention Center at 303 E Acequia Ave, Visalia, CA 9329.

*Monday	January 30	8:30 a.m. – 4:00 p.m.	
*Thursday	March 3	8:30 a.m. – 4:00 p.m.	
Thursday	March 23	8:30 a.m. – 4:00 p.m.	
Thursday	April 27	8:30 a.m. – 4:00 p.m.	
Thursday	May 25	8:30 a.m. – 4:00 p.m.	
Thursday	June 22	8:30 a.m. – 4:00 p.m.	
Thursday	July 27	8:30 a.m. – 4:00 p.m.	
*Thursday	August 31	8:30 a.m. – 4:00 p.m.	
Thursday	September 28	8:30 a.m. – 4:00 p.m.	
Thursday	October 26	8:30 a.m. – 4:00 p.m.	
Thursday	November 23	NO BOARD MEETING	
Friday	December 8	8:30 a.m. – 4:00 p.m.	

VCC – Visalia Convention Center

Dates to Remember:

- Mid-Pacific Regional Conference, January 25-27, Reno
- Family Farm Alliance Conference, February 21-24, Reno
- Urban Water Institute Spring Conference, February 22-24, Palm Springs
- ACWA Spring Conference, May 9-11, Monterey
- Urban Water Institute Spring Conference, August 23-25, San Diego
- ACWA Fall Conference, November 28 – November 30, Indian Wells



Memorandum

DATE: December 9, 2022

TO: Finance Committee

FROM: Toni Marie, Executive Secretary

SUBJECT: Finance Committee Meeting Dates for Calendar Year 2023

The Finance Committee meets the Monday of the 4th Thursday of the month (3 days prior to the Board of Directors meeting) at 1:30 p.m. except as noted. Below is a schedule showing dates, times and locations for the coming year:

Monday	January 23	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
*Tuesday	February 28	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	March 20	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	April 24	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	May 22	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	June 19	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	July 24	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
**Monday	August 28	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	September 25	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	October 23	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	No Nov Mtg	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Tuesday	December 5	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm

*February 20 is President’s Day and the Board Meeting for February is scheduled for Friday, March 3.

**UWI Conference the week of August 20th

Dates to Remember:

- Mid-Pacific Water Users Conference, January 25-27, Reno
- Family Farm Alliance Conference, February 21-24, Reno
- Urban Water Institute Spring Conference, February 22-24, Palm Springs
- ACWA Spring Conference, May 9-11, Monterey
- Urban Water Institute Spring Conference, August 23-25, San Diego
- ACWA Fall Conference, November 28 – November 30, Indian Wells

MEMORANDUM

DATE: December 09, 2022
TO: Executive Committee
cc: Board of Directors
FROM: Toni Marie, Executive Secretary
SUBJECT: EXECUTIVE COMMITTEE MEETING DATES FOR 2023

The Executive Committee meets the Monday before the 4th Thursday of the month (the week prior to the Board of Directors meeting) at 8:30 a.m. except as noted. Below is a schedule showing proposed dates, times and locations for the coming year:

Monday	January 16	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	February 13	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	March 13	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	April 17	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	May 15	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	June 12	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	July 17	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	August 14	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	September 18	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	October 16	8:30 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	No Nov Mtg		Board Retreat Week
Monday	No Dec Mtg		FWA Conference Room Lindsay

Dates to Remember:

- Mid-Pacific Regional Conference, January 25-27, Reno
- Family Farm Alliance Conference, February 21-24, Reno
- Urban Water Institute Spring Conference, February 22-24, Palm Springs
- ACWA Spring Conference, May 9-11, Monterey
- Urban Water Institute Spring Conference, August 23-25, San Diego
- ACWA Fall Conference, November 28 – November 30, Indian Wells

January 2023

January 2023							February 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	5	6	7	1	2	3	4
8	9	10	11	12	13	14	12	13	14	15	16	17	18
15	16	17	18	19	20	21	19	20	21	22	23	24	25
22	23	24	25	26	27	28	26	27	28				
29	30	31											

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 1, 23	2	3 9:00am Kaweah Delta	4	5	6 8:00am Friant Division Managers' Meeting - Toni Marie	7
8	9	10 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	11 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	12 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	13	14
15	16 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar 9:00am South Valley WA	17 2:00pm Madera 4:00pm Fresno	18	19	20 9:00am Deer Creek & Tule River Auth	21
22	23 1:30pm Finance Committee (Lindsay Office)	24	25	26	27	28
29	30 8:30am FWA BOD Meeting (Tentative) (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States))	31	Feb 1	2	3	4

February 2023

February 2023							March 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4				1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28					26	27	28	29	30	31	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 29	30	31	Feb 1	2	3 8:00am Friant Division Managers' Meeting - Toni Marie	4
5	6	7 9:00am Kaweah Delta	8 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	9 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	10	11
12	13 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar	14 9:00am Lower Tule River 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm 2:00pm Lindmore	15	16	17 9:00am Deer Creek & Tule River Auth	18
19	20	21 9:00am Porterville 2:00pm Madera 4:00pm Fresno	22	23	24	25
26	27	28 1:30pm Finance Committee (Lindsay Office)	Mar 1	2	3	4

March 2023

March 2023							April 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Feb 26	27	28	Mar 1	2	3 8:30am FWA BOD Meeting (Tentative) (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States))	4
5	6	7 9:00am Kaweah Delta	8 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	9 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	10 8:00am Friant Division Managers' Meeting - Toni Marie	11
12	13 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar	14 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	15	16	17 9:00am Deer Creek & Tule River Auth	18
19	20 1:30pm Finance Committee (Lindsay Office)	21 2:00pm Madera 4:00pm Fresno	22	23 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States)) - FWA	24	25
26	27	28	29	30	31	Apr 1

April 2023

April 2023							May 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mar 26	27	28	29	30	31	Apr 1
2	3	4 9:00am Kaweah Delta	5	6	7 8:00am Friant Division Managers' Meeting - Toni Marie	8
9	10	11 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison	12 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove	13 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter	14	15
16	17 8:30am Executive Committee Meeting (Lindsay Conference) 9:00am South Valley WA	18 2:00pm Madera 4:00pm Fresno	19	20	21 9:00am Deer Creek & Tule River Auth	22
23	24 1:30pm Finance Committee (Lindsay Office)	25	26	27 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave,	28	29
30	May 1	2	3	4	5	6

May 2023

May 2023							June 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
7	1	2	3	4	5	6	4	5	6	7	1	2	3
14	8	9	10	11	12	13	11	12	13	14	15	16	17
21	15	16	17	18	19	20	18	19	20	21	22	23	24
28	22	23	24	25	26	27	25	26	27	28	29	30	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Apr 30	May 1	2 9:00am Kaweah Delta	3	4	5 8:00am Friant Division Managers' Meeting - Toni Marie	6
7	8	9 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	10 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	11 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	12	13
14	15 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar	16 2:00pm Madera 4:00pm Fresno	17	18	19 9:00am Deer Creek & Tule River Auth	20
21	22 1:30pm Finance Committee (Lindsay Office)	23	24	25 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States)) - FWA	26	27
28	29	30	31	Jun 1	2	3

June 2023

June 2023							July 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3							1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30		23	24	25	26	27	28	29
							30	31					

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 28	29	30	31	Jun 1	2 8:00am Friant Division Managers' Meeting - Toni Marie	3
4	5	6 9:00am Kaweah Delta	7	8 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	9	10
11	12 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar	13 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	14 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	15	16 9:00am Deer Creek & Tule River Auth	17
18	19 1:30pm Finance Committee (Lindsay Office)	20 2:00pm Madera 4:00pm Fresno	21	22 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States)) - FWA	23	24
25	26	27	28	29	30	Jul 1

July 2023

July 2023							August 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1			1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30	31		
30	31												

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jun 25	26	27	28	29	30	Jul 1
2	3	4 9:00am Kaweah Delta	5	6	7 8:00am Friant Division Managers' Meeting - Toni Marie	8
9	10	11 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison	12 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove	13 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter	14	15
16	17 8:30am Executive Committee Meeting (Lindsay Conference) 9:00am South Valley WA	18 2:00pm Madera 4:00pm Fresno	19	20	21 9:00am Deer Creek & Tule River Auth	22
23	24 1:30pm Finance Committee (Lindsay Office)	25	26	27 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave,	28	29
30	31	Aug 1	2	3	4	5

August 2023

August 2023							September 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
6	7	1	2	3	4	5	3	4	5	6	7	1	2
13	14	8	9	10	11	12	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28	29	30

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jul 30	31	Aug 1 9:00am Kaweah Delta	2	3	4 8:00am Friant Division Managers' Meeting - Toni Marie	5
6	7	8 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	9 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	10 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	11	12
13	14 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar	15 2:00pm Madera 4:00pm Fresno	16	17	18 9:00am Deer Creek & Tule River Auth	19
20	21	22	23	24	25	26
27	28 1:30pm Finance Committee (Lindsay Office)	29	30	31 8:30am FWA BOD Meeting (Tentative) (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States))	Sep 1	2

September 2023

September 2023							October 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	31				

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Aug 27	28	29	30	31	Sep 1 8:00am Friant Division Managers' Meeting - Toni Marie	2
3	4	5 9:00am Kaweah Delta	6	7	8	9
10	11	12 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	13 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	14 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	15 9:00am Deer Creek & Tule River Auth	16
17	18 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar	19 2:00pm Madera 4:00pm Fresno	20	21	22	23
24	25 1:30pm Finance Committee (Lindsay Office)	26	27	28 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States)) - FWA	29	30

October 2023

October 2023							November 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	5	6	7	1	2	3	4
8	9	10	11	12	13	14	12	13	14	15	16	17	18
15	16	17	18	19	20	21	19	20	21	22	23	24	25
22	23	24	25	26	27	28	26	27	28	29	30		
29	30	31											

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Oct 1	2	3 9:00am Kaweah Delta	4	5	6 8:00am Friant Division Managers' Meeting - Toni Marie	7
8	9	10 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	11 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	12 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	13	14
15	16 8:30am Executive Committee Meeting (Lindsay Conference Room) - FWA Calendar 9:00am South Valley WA	17 2:00pm Madera 4:00pm Fresno	18	19	20 9:00am Deer Creek & Tule River Auth	21
22	23 1:30pm Finance Committee (Lindsay Office)	24	25	26 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave, Visalia, CA 93291, United States)) - FWA	27	28
29	30	31	Nov 1	2	3	4

November 2023

November 2023							December 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4						1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30			24	25	26	27	28	29	30
							31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Oct 29	30	31	Nov 1	2	3 8:00am Friant Division Managers' Meeting - Toni Marie	4
5	6	7 9:00am Kaweah Delta	8 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove 1:30pm Chowchilla	9 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter 2:30pm Kern Tulare 4:00pm	10	11
12	13	14 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison 1:30pm Ivanhoe 1:30pm	15	16	17 9:00am Deer Creek & Tule River Auth	18
19	20 8:00am No-- FWA Executive Committee Meeting (Lindsay) 1:30pm NO Finance Committee (Lindsay Office)	21 2:00pm Madera 4:00pm Fresno	22	23 8:30am No-- FWA BOD Meeting (Lindsay Conference Room) - FWA Calendar	24	25
26	27	28	29	30	Dec 1	2

December 2023

December 2023							January 2024						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	30	31			
31													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Nov 26	27	28	29	30	Dec 1 8:00am Friant Division Managers' Meeting - Toni Marie	2
3	4	5 9:00am Kaweah Delta 1:30pm Finance Committee (Lindsay Office)	6	7	8 8:30am FWA BOD Meeting (Visalia Convention Center (303 E Acequia Ave,	9
10	11	12 9:00am Lower Tule River 9:00am Porterville 9:00am Tulare 12:00pm Arvin-Edison	13 9:00am Shafter-Wasco 9:00am Terra Bella 9:30am Tea Pot Dome 11:30am Orange Cove	14 9:00am Pixley 9:30am Saucelito 12:30pm Hills Valley 1:30pm Exeter	15 9:00am Deer Creek & Tule River Auth	16
17	18	19 2:00pm Madera 4:00pm Fresno	20	21	22	23
24	25 No-- FWA Executive Committee Meeting (Lindsay Conference Room) - FWA	26	27	28	29	30
31	Jan 1, 24	2	3	4	5	6

DATE: December 9, 2022

TO: Board of Directors

FROM: Ian Buck-Macleod, Water Resources Manager

SUBJECT: **Renewal and Amendment of Services Agreement with Airborne Snow Observatories, Inc. for Water Year 2023**

SUMMARY:

An action to renew and modify the existing services agreement with Airborne Snow Observatories, Inc. (ASO), for Water Year 2023. ASO provides lidar and spectrometer survey flights on the upper San Joaquin River basin, including data analysis and interpretation, and delivery of snow depth, snow water equivalent, and snow classification data products. The ASO program is critical to accurate San Joaquin runoff forecasting, and Friant Division allocations and operations. The renewed agreement consists of one flight acquisition and modeling for all flight acquisitions to be paid by FWA, and three flight acquisitions will be paid by California Department of Water Resources.

FINANCE COMMITTEE ACTION:

At the December 6, 2022 meeting, the Finance Committee acted to recommend that the Board of Directors authorize the execution of the renewed services agreement with Airborne Snow Observatories, Inc., for Water Year 2023 in the not to exceed amount of \$332,671.81, subject to final approval as to form by the General Counsel.

SUGGESTED MOTION:

I move that the Board of Directors authorize the execution of the renewed services agreement with Airborne Snow Observatories, Inc., for Water Year 2023 in the not to exceed amount of \$332,671.81, subject to final approval as to form by the General Counsel.

BUDGET IMPACT:

The FY 2023 Operations, Maintenance, and Replacement (OM&R) Budget includes \$325,000 for the ASO program under Water Supply Coordination & Monitoring with a portion of the program to be paid by non-Friant-Kern Canal Friant Contractors. The contract exceeds the budget by \$7,671.81, however given the relatively small percentage variance from the estimate in the budget, staff does not recommend action to increase the overall OM&R budget at this time. Staff will continue to monitor budget-to-actuals for this line-item and the OM&R budget as a whole on a monthly basis and, if necessary, recommend an adjustment to the overall OM&R budget at a later date.

ATTACHMENTS:

1. Proposed Second Amendment to Airborne Snow Observatories Service Agreement for Water Year 2023.
2. Scope of Work for Water Year 2023

SECOND AMENDMENT TO AIRBORNE SNOW OBSERVATORIES SERVICES AGREEMENT

This SECOND AMENDMENT TO AIRBORNE SNOW OBSERVATORIES SERVICES AGREEMENT ("Second Amendment") is between the FRIANT WATER AUTHORITY, a California joint powers authority ("FWA") and the AIRBORNE SNOW OBSERVATORIES, INC., a Colorado public benefit corporation ("ASO"), and is effective as of December 12, 2022.

RECITALS

A. FWA and ASO are parties to that certain Airborne Snow Observatories Services Agreement effective as of February 9, 2021 ("Agreement").

B. The Agreement was renewed and modified by that certain First Amendment to Airborne Snow Observatories Services Agreement effective as of March 1, 2022.

C. Unless otherwise provided in this Second Amendment all initially capitalized terms will have the meaning set forth in the Agreement.

D. The parties desire to continue the Agreement in place for an additional Renewal Term and to revise the Statement of Work provided by ASO related to the snowpack, snow water equivalent, and snow albedo measurement and snowmelt runoff modeling estimate services, data, and data products for Water Year 2023 with appropriate adjustments to the Fees for such revised services.

AGREEMENT

1. Amendment to Scope of Work. Exhibit A ("Statement of Work") of the Agreement is amended for Water Year 2023 as set forth in the "Revised Scope of Work" attached as Attachment No.1.

2. Amendment to Fees. The Fees set out in the revised Statement of Work for Water Year 2023 are revised to the not to exceed amount of \$332,671.81.

3. Ratification of Agreement. Except as amended by this Second Amendment, ASO and FWA hereby ratify all the terms and conditions of the Agreement, including the parties agreement to extend the term (Renewal Term) as provided in Section 7.2 of the Agreement for an additional one year period (i.e., through February 30, 2024), which will automatically renew unless a written notice of nonrenewal is provided in accordance with Section 7.2.

[Signatures on the following page.]

THE UNDERSIGNED SIGNATORIES warrant that each has the authority to and does hereby execute this First Amendment effective as of the date first set forth above.

FRIANT WATER AUTHORITY:

Johnny Amaral, Chief Operations Officer

Wilson Orvis, Chief Financial Officer

AIRBORNE SNOW OBSERVATORIES, INC.:

By _____
Name: Thomas H. Painter
Title: Chief Executive Officer

By _____
Name:
Title:

Attachment No. 1

Statement of Work

[Attached]

EXHIBIT A
STATEMENT OF WORK
AIRBORNE SNOW OBSERVATORIES, INC.
WATER YEAR 2023

1 Background

The ASO Inc. suite generates spatially complete maps of snow water equivalent (the depth of water if the snow were to melt instantaneously) and snow albedo (reflectivity, which controls snowmelt rates) through remote sensing data and snowmelt runoff modeling frameworks to provide the best possible water resources data. The uniqueness of ASO Inc. comes from the experience of the team and its exclusive software products developed, applied, advanced, and adopted by our customers over the last seven years. Dr. Painter and his team are the founders of the program, creators of the airborne snow survey market, and now ASO Inc. is the sole licensee to commercialize snow surveys with this software suite.

2 PROJECT SCOPE & SCHEDULE for Water Year 2023

ASO Inc. will carry out the following tasks for Friant Water Authority (FWA):

- One (1) ASO lidar+spectrometer survey of the San Joaquin River Basin, California, USA
- Data analysis and interpretation
- Delivery of snow depth, snow water equivalent, and snow classification data products
- Coordination of iSnobal modeling of the snowpack and WRF-Hydro runoff forecasting

ASO Inc., using its proprietary software exclusively licensed from Caltech, will perform the data analysis, interpretation, prepare and deliver the report, and be available for interaction with FWA staff. ASO Inc. will interact regularly with FWA to adapt timing of surveys, formatting of data products, and timeliness of product delivery. ASO Inc. will also work with FWA on public outreach efforts to provide its members with the full knowledge of their investment in water resource technology.

3 Approach

Snow-on Surveys

ASO will fly one survey of the San Joaquin River watershed using aircraft equipped with LiDAR and spectrometer. The survey will be acquired with lidar point densities of ~ 1 point/m². The survey will take place in approximately January 2023. This survey will occur on relatively clear sky days (< 20% cloud cover) to assess snow depth and snow albedo at 3 m spatial sampling and SWE at 50 m spatial sampling.

Data Analysis and Interpretation

ASO Inc. will process and analyze the acquired data from raw acquisition through generation of snow products. The processing of the imaging spectrometer data includes angular calibration, spectral calibration, radiometric calibration, and orthorectification with the topography (based on the ASO's airborne Global Positioning System/Inertial Navigation System – GPS/INS). The integration with the LiDAR requires the additional synchronization in space, which relies on a

robust synchronization of timing and pointing by the respective GPS/INS of the spectrometer and the LiDAR. Unique to the ASO processing is the per-survey update of the digital elevation model from which sunlight is reflected given the changes in snow slope, aspect, and depth.

The ASO processing chain is designed to deliver high-accuracy products within 72 hours of survey in order to meet snowmelt runoff forecasting and water management needs.

Reports and Deliverables

- ASCII total basin report
- ASCII elevation stratification report
- Delivery of Provider products for iSNOBAL and coordination of model outputs and report with M3Works

Data Products

- Snow depth maps (3 m, geotiff format)
- Snow water equivalent maps (50 m, geotiff format)
- Cover classification maps (3 m, geotiff format)

Delivery of ASO Inc. products

ASO team will provide the above products to FWA within 72 hours and maintain them on a cloud-enabled database. The pointer to the data on the cloud-enabled database will also be made available to the public via the ASO data portal (<https://data.airbornesnowobservatories.com/>).

4 PRICING

Here we present the discussed ASO Inc. pricing scenario for the San Joaquin River basin for water year 2023. The area of the San Joaquin to be flown is ~3777 km².

ASO Inc. scenario presented below consists of:

- One (1) survey
- iSnobal modeling
- WRF-Hydro modeling
- Three (3) additional surveys and base costs are to be funded by California Department of Water Resources

ASO Inc. pricing is based on base costs and variable costs.

Base costs cover *product region preparation, aircraft mobilization/demobilization, calibration flights and processing, and the first survey + processing.*

Variable costs are dependent on the survey area, number of surveys, and number of months across which surveys occur. These costs are specific to *monthly deployment and standby, flying, processing, and modeling.*


The pricing components are shown in Table 1. As we have experienced in previous years, as snowmelt continues, the requisite area to be flown decreases. However, the area flown will not necessarily decrease at the rate of snow-covered area because of the horseshoe shape of high elevation snow cover in basins. The snow-covered area for each survey will be based on the most recently available MODIS or VIIRS fractional snow-covered area map and the associated map and flight plan will be shared with FWA to document snow area and survey area.

Table 1 ASO Inc. costing components for water year 2023.

Data storage, distribution, maintenance per km	\$1.66
Flying price per km ² per acquisition	\$38.46
Processing price per km ² per acq	\$6.82
Modeling price per km ² per season	\$27.29
Aircraft period cost per month per basin	\$12,405.10
Product and region prep	\$12,405.10
Aircraft mob/demob	\$37,215.31
Calibration flight/processing	\$12,405.10

Hence, the not-to-exceed costs (Table 2) are based on the full area of the San Joaquin (~3777 km²) and the number of surveys and number of months.

Table 2 ASO Inc. pricing for one San Joaquin survey in WY2023, plus full-season iSnoBal modeling and WRF-Hydro forecasting. These numbers are based on an area of 3777 km² and represent the not-to-exceed cost.

Airborne Snow Observatories, Inc. Cost Estimate				
San Joaquin River Basin				
Water Year 2023 Snow-on Surveys				
		Area (km²): 3777	Basins: 1	
		Surveys: 1	Months: 1	
				
Baseline + First Survey				
				Cost
Product + region prep				\$0.00
Aircraft mobilization / demobilization				\$0.00
Calibration				\$0.00
1st month deployment + standby fee				\$12,405.10
1st survey				\$145,263.42
1st survey processing				\$25,759.14
1st survey data storage, distribution, maintenance				\$6,269.82
iSnoBal modeling (full season)				\$103,074.33
WRF-Hydro modeling (full season)				\$39,900.00
Baseline + First Survey Subtotal				\$332,671.81
Subsequent Surveys				
	Months or Acquisitions	Area	Unit Price	Cost
Monthly deployment cost + standby fee	0	N/A	\$12,405.10	\$0.00
Flying price (surveys #2, #3, #4)	0	3777	\$38.46	\$0.00
Processing price (surveys #2, #3, #4)	0	3777	\$6.82	\$0.00
Data storage price (surveys #2, #3, #4)	0	3777	\$1.66	\$0.00
Subsequent Surveys Subtotal				\$0.00
Total				\$332,671.81
<i>Quote generated by AKB, 11/1/2022</i>				

Agenda Report

No. 2.D

DATE: December 9, 2022

TO: Board of Directors

FROM: Wilson Orvis, CFO

SUBJECT: Approve Bills for the Month of November and Accept the Financial Reports for Month Ending October 31, 2022

SUMMARY:

The Finance Committee met on December 6, 2022 and reviewed the bills for November 2022 and the financial reports for month ending October 31, 2022. There was a quorum at the meeting.

FINANCE COMMITTEE ACTION:

At the December 6, 2022 meeting the Finance Committee acted to recommend that Board of Directors approve payment of the November 2022 bills in the amount of \$1,520,055.47, and accept the Financial Reports for month ending October 31, 2022.

SUGGESTED MOTION:

I move that the Board of Directors approve payment of the November bills in the amount of \$1,520,055.47 and accept the Financial Reports for month ending October 31, 2022.

BUDGET IMPACT:

- \$405,181.97 (bills) and \$223,200.66 (payroll) is chargeable to the FY 2023 Operations, Maintenance, and Replacement (OM&R) Budget;
- \$163,115.60 (bills) and \$44,468.18 (payroll) is chargeable to the FY 2023 General Membership Budget;
- \$39,412.52 is to be recovered under existing grant agreements;
- \$480,125.89 to San Luis & Delta-Mendota Water Authority for forecasted Exchange Contractor deliveries for the month of December;
- \$18,300.37 is chargeable to Middle Reach Capacity Correction Project, Phase 1; and
- \$ 146,250.28 are payments to Districts for the FY2020-FY2022 cost allocation true-up.

ATTACHMENTS:

Friant Water Authority Bills to be Paid, Budget-to-Actuals, and Cash Activity Reports

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, NOVEMBER 2022

	<u>PAYEE</u>	<u>O&M FUND</u>	<u>GM FUND</u>	<u>TOTAL</u>	<u>DESCRIPTION</u>
	BILLS PAID NOVEMBER 10, 2022				
1	ACWA / JPIA	\$ 75,869.56	\$ 6,561.03	\$ 82,430.59	Health, Dental, Vision Insurance-December
2	AMAZON CAPITOL SERVICES, INC.	1,437.34	-	1,437.34	Office & Kitchen Supplies
3	BANK OF AMERICA	16,296.64	5,792.59	22,089.23	Various Visa Charges
4	BENDER ROSENTHAL INCORPORATED	-	-		Professional Services-September
5	BILL LUCE CONSULTING	1,336.50	957.00	2,293.50	Consulting Services - October
6	BLANKINSHIP & ASSOCIATES, INC.	3,433.35	-	3,433.35	Consulting Services-October
7	BRIAN G. THOMAS	4,600.00	-	4,600.00	Consulting Services-October
8	CALIFORNIA INDEPENDENT PETROLEUM ASSOCIATION	-	2,570.00	2,570.00	Sacramento Office -November/December Rent
9	CASHIER, DPR	120.00	-	120.00	Continuing Education-QAC License
10	CINTAS CORPORATION #3	1,287.48	-	1,287.48	Uniform Services-OC Yard
11	CITY OF DELANO	225.00	-	225.00	Utilities-Water
12	COMCAST	166.60	-	166.60	Internet Service
13	CRAIGS AUTO PARTS	32.63	-	32.63	Shop Supplies-Lindsay Yard
14	DACO FARM SUPPLY	198.61	-	198.61	Supplies--Gloves and Cleaning
15	DEPARTMENT OF PUBLIC HEALTH	726.00	-	726.00	Small Hazardous Materials Permit-Orange Cove Yard
16	DONALD M. DAVIS	1,815.26	-	1,815.26	Professional Services-October
17	FRONTIER	1,007.00	-	1,007.00	Utilities-Phone
18	FRUIT GROWERS SUPPLY CO	393.60	-	393.60	Parts & Supplies-Lindsay Yard
19	JORGENSEN COMPANY	196.32	-	196.32	Parts & Supplies-Lindsay Yard
20	KAN VENTURES, INC.	-	5,000.00	5,000.00	Consulting Services-October
21	KAPLAN KIRSCH & ROCKWELL, LLP.	-	84,345.89	84,345.89	Legal Services - July, August, September
22	KASEYA US LLC	994.13	-	994.13	IT Service-Dark Web, phishing training/simulation campaign
23	LAWSON PRODUCTS	106.53	-	106.53	Parts & Supplies-Lindsay Yard
24	LINCOLN NATIONAL LIFE INSURANCE CO.	3,727.48	520.80	4,248.28	Survivors Life Insurance
25	MARTENS CHEVROLET	312.69	-	312.69	Parts & Supplies-OC Yard
26	MID VALLEY DISPOSAL	160.08	-	160.08	Waste Disposal Service-Lindsay
27	MOONLIGHT MAINTENANCE SERVICES	1,979.00	-	1,979.00	Janitorial Service-All Yards
28	OTTEMOELLER CONSULTING SERVICES, LLC	2,431.75	719.25	3,151.00	Consulting Services - October
29	PACIFIC GAS & ELECTRIC	1,331.32	-	1,331.32	Utilities-Electricity
30	PAPE KENWORTH	650.28	-	650.28	Replacement Parts
31	PORTERVILLE FORD	150.00	-	150.00	Repair Service-Lindsay Yard
32	PRINCIPAL LIFE INSURANCE COMPANY	-	1,316.50	1,316.50	Life insurance
33	PROVOST & PRITCHARD INC	29,161.80	-	29,161.80	Consulting Services-September
34	QUADIENT LEASING USA, INC.	942.91	-	942.91	Postage
35	SAN JOAQUIN PAINT & GLASS	1,929.76	-	1,929.76	Paint Supplies-Delano Yard
36	SAN JOAQUIN PEST CONTROL	190.82	-	190.82	Pest Control Services
37	SCOUT SPECIALTIES	217.66	-	217.66	Parts & Service-Orange Cove
38	SENATOR SEAGATE, L.P.	-	499.50	499.50	Office Rent-Sacramento Storage
39	SEVIERS AUTO SUPPLY	421.35	-	421.35	Parts & Supplies-Delano Yard
40	SOMACH SIMMONS & DUNN	-	17,109.69	17,109.69	Professional Services-September
41	SOUTHERN CALIF EDISON	785.09	-	785.09	Utilities-Electricity
42	SPRAYING DEVICES, INC.	919.37	-	919.37	Parts & Supplies-Lindsay Yard
43	STANDARD INSURANCE CO	6,802.39	1,947.38	8,749.77	Medical & Disability Insurance
44	STANTEC CONSULTING SERVICES INC.	-	-		Consulting Services-August
45	TF TIRE & SERVICE	213.08	-	213.08	Repair Service--Lindsay Yard
46	THE FERGUSON GROUP, LLC	-	3,546.94	3,546.94	Consulting Services-September
47	THOMAS HARDER & CO.	3,367.50	-	3,367.50	Consulting Services-October
48	UNWIRED BROADBAND, INC.	299.98	-	299.98	Internet Service-OC, Delano Yards

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, NOVEMBER 2022

	<u>PAYEE</u>	<u>O&M FUND</u>	<u>GM FUND</u>	<u>TOTAL</u>	<u>DESCRIPTION</u>
49	VALLEY PACIFIC PETROLEUM SERVICES, INC.	19,381.67	-	19,381.67	Fuel - All Yards
50	VERIZON WIRELESS	2,761.44	-	2,761.44	Utilities-Cell Phone
51	VILLINES GROUP, LLC	-	3,240.00	3,240.00	Consulting Services-October
52	WATER AND POWER LAW GROUP PC	-	28,870.31	28,870.31	Special Counsel Services - October
53	WEISENBERGERS	1,094.72	-	1,094.72	Parts & Supplies-Lindsay Yard
54	XEROX FINANCIAL SERVICES	1,676.06	-	1,676.06	Equipment Lease-Lindsay Office
55	ZIX CORPORATION	560.00	-	560.00	Email Security Encryption
	SUB-TOTAL SPENDING	\$ 191,710.75	\$ 162,996.88	\$ 354,707.63	
	CHECKS TO BE RECOVERED VIA GRANT(S)	39,412.52	-	39,412.52	Mid-Month Grants
	ALLOCATION CORRECTION - TRUE UP	146,250.28	-	146,250.28	25-Year Allocation True Up - See attached schedule
	PAYROLL FOR FWA	98,242.61	25,058.86	123,301.47	Mid-Month Payroll
	TOTAL FOR FWA O&M	\$ 475,616.16	\$ 188,055.74	\$ 663,671.90	
<i>Middle Reach Capacity Correction Project, Phase 1</i>					
56	BENDER ROSENTHAL INCORPORATED	\$ 1,487.92	\$ -	\$ 1,487.92	Professional Services-September
57	BRIAN G. THOMAS	1,700.00	-	1,700.00	Financial analysis support services - October
58	FRUIT GROWERS SUPPLY CO	252.45	-	252.45	Parts & Supplies - Metering Test
59	KAN VENTURES, INC.	5,000.00	-	5,000.00	Consulting Services-October
60	THE FERGUSON GROUP, LLC	5,000.00	-	5,000.00	Consulting Services-September
61	VILLINES GROUP, LLC	4,860.00	-	4,860.00	Consulting Services-October
	Subtotal - MRCCP Phase 1	\$ 18,300.37	\$ -	\$ 18,300.37	
GRAND TOTALS - Mid-month		\$ 493,916.53	\$ 188,055.74	\$ 681,972.27	

BILLS TO BE PAID NOVEMBER 18, 2022					
62	AAA TRUCK SERVICE, INC.	\$ 75.33	\$ -	\$ 75.33	Parts & Service-Lindsay Yard
63	ACWA / JPIA	133,609.75	-	133,609.75	2023 Insurance Liability
64	ADT COMMERCIAL	1,077.57	-	1,077.57	Security-Delano Yard
65	AIRGAS USA, LLC	1,472.30	-	1,472.30	Parts & Supplies-OC Yard Welding Supplies
66	AMAZON CAPITOL SERVICES, INC.	636.16	-	636.16	Office Supplies
67	ARNOLD, GREGORY	60.00	-	60.00	QAC Continuing Education
68	AT&T	1,017.23	-	1,017.23	Telephone Service
69	AUTO ZONE, INC.	349.45	-	349.45	Parts & Supplies-Lindsay Yard, Structure Gear
70	BATTERY SYSTEMS INC.	294.89	-	294.89	Parts & Supplies-Lindsay Yard, Battery Replacement
71	BIG GREEN IT, LLC	1,882.00	-	1,882.00	Office 365 Licenses
72	CASHIER, DPR	120.00	-	120.00	QAC Continuing Education
73	CINTAS CORPORATION #3	1,320.23	-	1,320.23	Uniform Services-All Yards
74	CLF WAREHOUSE, INC.	312.25	-	312.25	Parts & Services-OC Yard
75	CULLIGAN OF FRESNO	99.39	-	99.39	Water Services
76	CULLIGAN OF LINDSAY	267.66	-	267.66	Water Services
77	DINUBA LUMBER COMPANY	251.38	-	251.38	Parts & Supplies-OC Yard
78	DOUG DeLEO WELDING	956.01	-	956.01	Parts & Supplies-Welding Supplies, Lindsay Yard
79	FM GENERAL MOBILE TRANSPORT AND AG REPAIR	400.00	-	400.00	Parts & Services-OC Yard, Engine Computer Diagnostics
80	FOOTHILL AUTO TRUCK & AG PARTS, INC.	1,464.80	-	1,464.80	Parts & Supplies-OC Yard
81	FRUIT GROWERS SUPPLY CO	759.35	-	759.35	Parts & Supplies-Protective Supplies
82	FUSION CLOUD SERVICES, LLC	446.10	-	446.10	Utilities-Telephone
83	GRAINGER	1,228.23	-	1,228.23	Parts & Supplies-OC Yard
84	GROSSMAYER & ASSOCIATES	202.50	-	202.50	GP Support-Account Transaction Analysis
85	HOME DEPOT CREDIT SERVICES	5,012.90	-	5,012.90	Parts & Supplies-Lindsay Yard
86	HUTCHERSON, JOCELYN	210.13	-	210.13	Expense Claim Reimbursement

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, NOVEMBER 2022

	<u>PAYEE</u>	<u>O&M FUND</u>	<u>GM FUND</u>	<u>TOTAL</u>	<u>DESCRIPTION</u>
87	HYDRAULIC CONTROLS INC	173.74	-	173.74	Parts & Suuplies-Delano Yard, Tools
88	JIM BURKE FORD	1,227.56	-	1,227.56	Parts & Service-OC Yard
89	JIM'S STEEL SUPPLY	932.15	-	932.15	Parts & Service-Delano Yard
90	KASEYA US LLC	1,039.13	-	1,039.13	IT Services-Dark Web,365Backup
91	LAWSON PRODUCTS	121.57	-	121.57	Parts & Supplies-Delano Yard, Office supplies
92	LINDSAY TRUE VALUE	82.56	-	82.56	Parts & Supplies-Lindsay Yard
93	MARTIN TERMITE & PEST CONTROL	45.00	-	45.00	Pest Control Services
94	MONARCH FORD	295.59	-	295.59	Parts & Service-Lindsay Yard
95	Munoz, Oscar	200.00	-	200.00	Class A Licnese Training
96	OLDCASTLE INFRASTRUCTURE INC.	1,139.88	-	1,139.88	SCADA Repair Parts
97	PACIFIC GAS & ELECTRIC	2,799.85	-	2,799.85	Utilities-Electricity
98	PAPE KENWORTH	792.69	-	792.69	Parts & Supplies-OC Yard
99	PAPE MACHINERY	683.51	-	683.51	Replacement Equipment-OC Yard
100	PBW DISTRIBUTOR INC	868.28	-	868.28	Parts & Supplies-Lindsay Yard
101	PETTY CASH - LINDSAY	318.18	-	318.18	Petty Cash Replenishment
102	POWER BUSINESS TECHNOLOGY	25.95	-	25.95	Toner Services
103	PROBATA CORPORATION	621.00	-	621.00	Calibration Digital Multimeter
104	PROCTOR COMPANY	716.23	-	716.23	SCADA Repair Parts-Level Sensors
105	ROBERT V. JENSEN, INC.	3,489.64	-	3,489.64	Unleaded Fuel-Lindsay Yard
106	SC INDUSTRIES / CONTEC HOIST& RIGGING	564.06	-	564.06	Parts & Supplies-Lindsay Yard
107	SCELZI EQUIPMENT, INC.	1,254.69	-	1,254.69	Repair Service-Water Ops- Vechicle Compartment Door
108	SEVIERS AUTO SUPPLY	33.45	-	33.45	Parts & Supplies-Lindsay Yard
109	SMART & FINAL CORP	441.30	-	441.30	Office Supplies-OC Yard
110	SO CAL GAS	213.45	-	213.45	Utilities-Natural Gas
111	SOUTHERN CALIF EDISON	2,729.75	-	2,729.75	Utilities-Electricity
112	SPARKLETTS	54.41	-	54.41	Water Service
113	SUE SA'S CREATIVE CATERING	4,520.12	-	4,520.12	Board Meeting-Food & Supplies (September & October)
114	THE FERGUSON GROUP, LLC	-	118.72	118.72	Consulting Services-October
115	THE REDESIGN GROUP	5,400.00	-	5,400.00	IT Services-October
116	THE SMOG DOCTOR	868.38	-	868.38	Parts & Service-OC Yard, Smog Test
117	VALLEY PACIFIC PETROLEUM SERVICES, INC.	14,232.22	-	14,232.22	Fuel - Delano and OC Yard
118	VERIZON WIRELESS	5,003.92	-	5,003.92	SCADA Mobile to Mobile
119	WEISENBERGERS	115.35	-	115.35	Parts & Supplies-Lindsay Yard
120	ZENITH INSURANCE COMPANY	8,942.00	-	8,942.00	Workers Comp Insurance
	BILLS TO BE PAID NOVEMBER 18, 2022	\$ 213,471.22	\$ 118.72	\$ 213,589.94	
	BILLS PAID NOVEMBER 10, 2022	493,916.53	188,055.74	681,972.27	
	SUB-TOTAL SPENDING FOR OCTOBER 2022	\$ 707,387.75	\$ 188,174.46	\$ 895,562.21	
	EOM - CHECKS TO BE RECOVERED VIA GRANT(S)	-	-	-	End of Month Grants
	EOM - PAYROLL FOR FWA	124,958.05	19,409.32	144,367.37	Estimated EOM Payroll
	TOTAL FOR FWA O&M	\$ 832,345.80	\$ 207,583.78	\$ 1,039,929.58	
San Luis Delta-Mendota Canal:					
121	O&MR CHARGES WY2022 - PAID VIA WIRE	480,125.89	-	480,125.89	December 2022 Estimate
	Subtotal - SLDMWA	\$ 480,125.89	\$ -	\$ 480,125.89	
	GRAND TOTALS FOR MONTH OF NOVEMBER 2022	\$ 1,312,471.69	\$ 207,583.78	\$ 1,520,055.47	

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, NOVEMBER 2022

BILLS PAID NOVEMBER 10, 2022

GRANTS

	PAYEE	Pump Back	Winn/SJRRP	TOTAL	DESCRIPTION
1	BENDER ROSENTHAL INCORPORATED		\$ 7,455.52	\$ 7,455.52	Professional Services-September
2	STANTEC CONSULTING SERVICES INC.		31,957.00	31,957.00	Consulting Services-August
	BILLS PAID NOVEMBER 10, 2022	\$ -	\$ 39,412.52	\$ 39,412.52	
	GRAND TOTALS	\$ -	\$ 39,412.52	\$ 39,412.52	



FRIANT WATER AUTHORITY
 854 North Harvard Avenue, Lindsay CA 93247-1715
 Phone# (559) 562-6305
 Fax# (559) 562-3496

**FY 2020 - 2022 ALLOCATION CORRECTIONS 25 YEAR ROLLING AVERAGE
 BASED ON CASH RECEIVED AS OF OCTOBER 31, 2022**

PAYOR	TOTAL RECEIVABLE AMOUNT	BALANCE AS OF SEPTEMBER 2022	CASH RECEIVED AS OF OCTOBER 2022	REMAINING BALANCE
Arvin-Edison WSD	994,358.10	920,701.94	36,828.08	883,873.86
Chowchilla WD	174,849.54	174,849.54	-	174,849.54
Fresno ID	254,482.78	-	-	-
City of Fresno	124,105.99	124,105.99	-	124,105.99
Gravelly Ford	10,249.25	-	-	-
Lower Tule River ID	1,098,164.99	1,016,819.43	81,345.56	935,473.87
Kaweah Delta WCD	29,531.99	-	-	-
Kern Tulare WD	16,733.38	-	-	-
Porterville ID	82,963.85	-	-	-
Saucelito ID	35,511.96	-	-	-
Tulare ID	758,069.17	645,762.61	28,076.64	617,685.97
TOTAL	3,579,021.00	3,508,816.23	146,250.28	2,735,989.23

PAYEE	TOTAL PAYABLE AMOUNT	CASH PAID THROUGH OCTOBER 2022	PAYMENT SENT NOVEMBER 2022	REMAINING BALANCE
Delano-Earlimart ID	1,240,474.08	241,501.62	50,689.75	948,282.71
Exeter ID	33,417.17	18,594.72	3,902.92	73,014.22
Garfield WD	21,134.62	4,114.59	863.63	16,156.40
Hills Valley ID	33,417.17	6,505.82	1,365.53	25,545.82
International ID	10,060.72	1,958.67	411.11	7,690.93
Ivanhoe ID	55,339.14	10,773.70	2,261.33	42,304.11
Lewis Creek WD	1,578.22	307.26	64.49	1,206.47
Lindmore ID	142,915.03	27,823.40	5,839.97	109,251.66
Lindsay-Strathmore ID	179,694.84	34,983.88	7,342.91	137,368.05
City of Lindsay	193,454.67	37,662.71	7,905.18	147,886.78
City of Orange Cove	203,714.49	39,660.14	8,324.43	155,729.92
Orange Cove ID	714,288.05	139,061.13	29,188.10	546,038.82
Shafter-Wasco ID	63,841.76	12,429.03	2,608.78	48,803.95
S.S.J.MU.D.	54,152.63	10,542.70	2,212.85	41,397.08
Stone Corral ID	208,342.23	40,561.09	8,513.53	159,267.60
Tea Pot Dome WD	22,927.20	4,463.58	936.88	17,526.74
Terra Bella ID	261,047.89	50,822.09	10,667.25	199,558.54
Tri Valley WID	586.86	114.25	23.98	448.63
Madera ID	69,973.65	13,622.82	2,859.35	53,491.49
Fresno County	4,849.17	944.06	198.15	3,706.95
County of Madera	1,716.73	334.22	70.15	1,312.36
TOTAL	\$3,579,021.00	\$696,781.49	\$146,250.28	\$2,735,989.23

FRIANT WATER AUTHORITY

**CASH ACTIVITY BALANCE
MONTH ENDING OCTOBER 31, 2022**

	Beginning Balance		Increases		Decreases		Ending Balance
FKC Operations & Maintenance	\$ 31,670,250	\$	8,645,566	\$	(2,558,229)	\$	37,757,587
SLDMWA	\$ 2,684,877	\$	1,170,158	\$	(775,744)	\$	3,079,291
Total	\$ 34,355,127	\$	9,815,724	\$	(3,333,972)	\$	40,836,878
 General Member	 \$ (246,833)	 \$	 471,130	 \$	 (224,297)	 \$	 -
					Total	\$	40,836,878

**BANK ACTIVITY BALANCE
MONTH ENDING OCTOBER 31, 2022**

Local Agency Investment Fund	\$ 34,094,791	\$	5,400,000	\$	-	\$	39,494,791
Bank of the Sierra	\$ 13,503	\$	4,886,853	\$	(3,558,269)	\$	1,342,087
					Total	\$	40,836,878

NOTE: Cash on deposit with LAIF represents the consolidation of available balances held by all FWA funds. Most Current Interest Rate: For month ended October 31, 2022, effective yield, 1.772%
Total LAIF fund as of October 31, 2022: \$28,634,621,238.16
The Authority's investments are in compliance with its Statement of Investment Policy dated July 22, 2004.
Management believes it is fully able to meet its expenditure requirements for the next six months.

**FRIANT WATER AUTHORITY
O&M FUND
CASH ACTIVITY REPORT
MONTH ENDING OCTOBER 31, 2022**

	<u>Checking & Investments</u>	<u>Payroll Checking</u>	<u>Petty Cash</u>	<u>Total</u>
CASH BALANCE SEPTEMBER 30, 2022	\$ 34,354,326	\$ -	\$ 801	\$ 34,355,127
Increases:				
District O&M receipts	1,845,188			1,845,188
SLDMWA receipts	1,170,158			1,170,158
Revenue from MRCCP	4,507,211			4,507,211
Revenue from ETGSA	1,692,161			1,692,161
Revenue from Subsidence	396,771			396,771
Interest from Bank of Sierra	183			183
Miscellaneous deposits	41,692			41,692
25 year Allocation True-up	146,250			146,250
Administration Allocation	16,110			16,110
Payroll deposits		407,518		407,518
Total Increases	9,815,724	407,518	-	10,223,241
Decreases:				
O&M Expenditures	1,193,726			1,193,726
Pump Back Project Expenditures	47,829			47,829
Subsidence Project Expenditures	230,370			230,370
MRCCP	17,848			17,848
Wire to SLDMWA - Estimated O&MR Charges - November Estimate	775,744			775,744
25 year Allocation True-up	189,807			189,807
Payroll Cash Outlays	407,518	407,518		815,036
Total Decreases	2,862,843	407,518	-	3,270,360
CASH BALANCE BEFORE INTERFUND ACTIVITY	41,307,207	-	801	41,308,008
Interfund transfer from O&M	(471,130)			(471,130)
CASH BALANCE OCTOBER 31, 2022	\$ 40,836,077	\$ -	\$ 801	\$ 40,836,878

**FRIANT WATER AUTHORITY
GENERAL MEMBERS FUND
CASH ACTIVITY REPORT
MONTH ENDING OCTOBER 31, 2022**

CASH BALANCE SEPTEMBER 30, 2022		<u>\$ (246,833)</u>
Increases:		
Member Assessments	-	
	<hr/>	
Total Cash Receipts		<u>\$ -</u>
Decreases:		
Other Payroll Benefits	52,151	
Consulting	41,769	
Professional Services	21,923	
Rent & Facility Expense	4,215	
Meetings	736	
	<hr/>	
	120,794	
Reimburse O&M:		
Current Month Payroll & Benefits	126,761	
Current Month Payroll & Benefits to O&M	(39,369)	
Administration Allocation	16,110	
	<hr/>	
Less Total Cash Disbursements		<u>\$ 224,297</u>
CASH BALANCE BEFORE INTERFUND ACTIVITY		<u>----- \$ (471,130)</u>
Interfund transfer from O&M		\$ 471,130
CASH BALANCE OCTOBER 31, 2022		<u>----- \$ -</u>

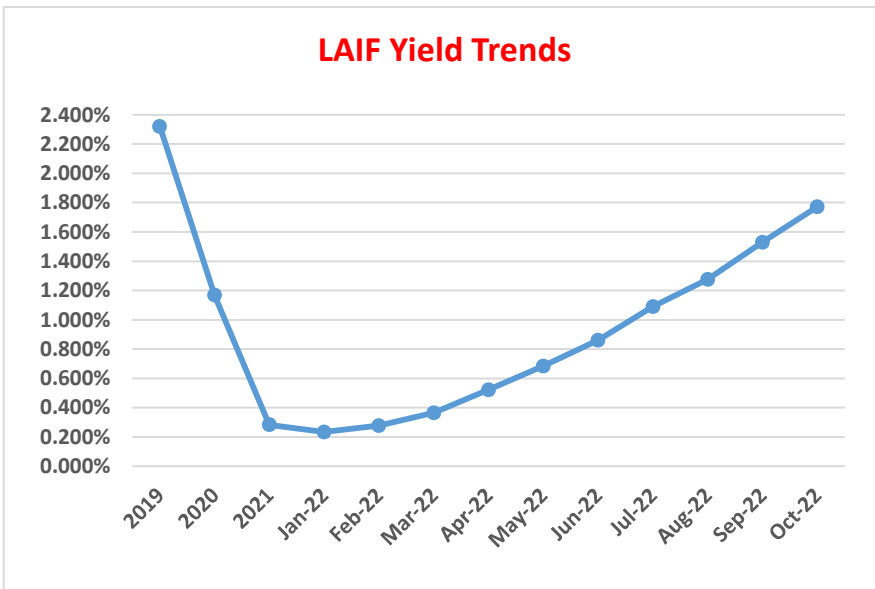
FRIANT WATER AUTHORITY
MONTH ENDING OCTOBER 31, 2022
CASH ACTIVITY REPORT
LOCAL AGENCY INVESTMENT FUND (L.A.I.F.)
(FUNDS ON DEPOSIT WITH STATE OF CALIFORNIA)
CASH ACTIVITY REPORT

CASH BALANCE SEPTEMBER 30, 2022		\$	34,094,791
Increases:			
Transfer from checking		\$	5,400,000
Decreases:			
Transfer to checking			-
CASH BALANCE OCTOBER 31, 2022		\$	39,494,791

Balance ascribed to:

O&M Fund		\$	39,494,791
General Member Fund		\$	-
		\$	39,494,791

NOTE: Cash on deposit with LAIF represents the consolidation of available balances held by all FWA funds. Most Current Interest Rate: For month ended October 31, 2022, effective yield, 1.772%
 Total LAIF fund as of October 31, 2022: \$28,634,621,238.16
 The Authority's investments are in compliance with its Statement of Investment Policy dated July 22, 2004.
 Management believes it is fully able to meet its expenditure requirements for the next six months.



2019	2.320%
2020	1.168%
2021	0.284%
Jan-22	0.234%
Feb-22	0.278%
Mar-22	0.365%
Apr-22	0.523%
May-22	0.684%
Jun-22	0.861%
Jul-22	1.090%
Aug-22	1.276%
Sep-22	1.530%
Oct-22	1.772%

FWA Revenue Presentation

FY 2022 - 2023

Budget year: **8.3%** Completed

Operations & Maintenance	FY 2023 Budget	10/31/2022 Year to Date	Budget Remaining	Budget Spent %
Revenue				
Interest Income	-	183	(183)	
Miscellaneous Income	-	4,628	(4,628)	
Reverse Pumping Fee	-	-	-	
Conveyance Fees		17,412	(17,412)	
O & M Revenue	12,198,370	1,016,531	11,181,839	8.3%
Water Supply Cord./Monitoring Revenue		4,742	(4,742)	
Total Revenue	12,198,370	1,043,496	11,154,874	8.6%
Expenses				
Total Operations	1,756,994	103,702	1,653,292	5.9%
Total Maintenance	7,048,335	312,310	6,736,025	4.4%
Administration Costs	1,935,651	220,840	1,714,811	11.4%
Special Projects	1,457,390	15,559	1,441,832	1.1%
Total O&MR Expenses	12,198,370	652,411	11,545,959	5.3%

FWA Budget Presentation

FY 2022 - 2023

Budget year: **8.3%** Completed

Operations & Maintenance	FY 2023 Budget	10/31/2022 Year to Date	Budget Remaining	Budget Spent %
Operations Dept				
Employee Salaries/Pay	804,086	74,917	729,169	9.3%
Employee Benefits	397,987	14,666	383,321	3.7%
Supplies & Services	554,920	14,119	540,801	2.5%
Total Operations	1,756,994	103,702	1,653,292	5.9%
Maintenance Dept				
Employee Salaries/Pay	2,471,305	158,980	2,312,325	6.4%
Employee Benefits	1,202,871	69,317	1,133,554	5.8%
Supplies & Services	3,374,159	84,013	3,290,146	2.5%
Total Maintenance	7,048,335	312,310	6,736,025	4.4%
Administration Costs	2,200,489	236,951	1,963,538	10.8%
Administration Costs allocated to GM	(264,838)	(16,110)	(248,728)	6.1%
Total Operations & Maintenance	10,740,980	636,852	10,104,127	5.9%
Special Projects				
Spending	1,457,390	15,559	1,441,832	1.1%
Total Special Projects	1,457,390	15,559	1,441,832	1.1%
Total O&MR	12,198,370	652,411	11,545,959	5.3%

Friant Water Authority
Budget vs Actual Expenses
YTD - 10/31/2022

Budget year: 8.3% Completed

	Total				Labor				Materials			
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
MAINTENANCE												
1 Vehicle & Equipment Service	\$ 759,318	\$ 58,380	7.7%	\$ 700,938	\$ 180,284	\$ 12,459	6.9%	\$ 167,824	\$ 579,034	\$ 45,920	7.9%	\$ 533,114
2 Maintenance Supervision	341,127	22,765	6.7%	318,362	241,127	22,765	9.4%	218,362	100,000	-	0.0%	100,000
3 USBR Inspections	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%	-
4 Right-of-Way Management	50,784	5,619	11.1%	45,165	50,784	5,619	11.1%	45,165	-	-	0.0%	-
5 Weed & Pest Control	1,039,248	29,491	2.8%	1,009,757	336,331	27,921	8.3%	308,410	702,917	1,570	0.2%	701,347
6 Implem Biol. Opinion	22,000	3,433	15.6%	18,567	-	-	0.0%	-	22,000	3,433	15.6%	18,567
7 Road Maintenance	60,673	217	0.4%	60,456	36,723	217	0.6%	36,505	23,951	-	0.0%	23,951
8 Yard & Building Maintenance	339,973	28,812	8.5%	311,161	162,763	16,588	10.2%	146,175	177,210	12,224	6.9%	164,986
9 Structure & Gate Maintenance	72,677	9,581	13.2%	63,096	65,232	8,866	13.6%	56,366	7,445	715	9.6%	6,730
10 Cleaning Right-of-Way	69,608	8,226	11.8%	61,381	69,608	8,226	11.8%	61,381	-	-	0.0%	-
11 Bargate & Guardrail Maint	41,526	-	0.0%	41,526	19,023	-	0.0%	19,023	22,503	-	0.0%	22,503
12 Embankment Maintenance	85,276	14,632	17.2%	70,643	77,116	14,104	18.3%	63,012	8,159	528	6.5%	7,631
13 Bridge Maintenance	63,193	662	1.0%	62,531	26,632	662	2.5%	25,970	36,561	-	0.0%	36,561
15 Reverse Flow Pumping	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%	-
16 Concrete Lining Maintenance	19,483	-	0.0%	19,483	10,700	-	0.0%	10,700	8,783	-	0.0%	8,783
17 Drainditch & Channel Maint.	37,870	997	2.6%	36,873	37,870	997	2.6%	36,873	-	-	0.0%	-
18 Fence Maintenance	81,666	5,036	6.2%	76,629	64,242	4,965	7.7%	59,277	17,424	72	0.4%	17,352
19 Mudjacking	25,181	-	0.0%	25,181	22,941	-	0.0%	22,941	2,240	-	0.0%	2,240
20 Painting	56,933	1,930	3.4%	55,003	44,707	-	0.0%	44,707	12,225	1,930	15.8%	10,296
21 Sump Pump Maintenance	2,057	-	0.0%	2,057	1,107	-	0.0%	1,107	950	-	0.0%	950
22 Cross Drainage Structure Mtce	1,107	-	0.0%	1,107	1,107	-	0.0%	1,107	-	-	0.0%	-
23 Rip-Rapping	2,625	-	0.0%	2,625	2,625	-	0.0%	2,625	-	-	0.0%	-
24 Finance Charge	-	96	0.0%	(96)	-	-	0.0%	-	-	96	0.0%	(96)
25 Water supply coordination & monitoring	632,218	6,250	1.0%	625,968	162,023	-	0.0%	162,023	470,195	6,250	1.3%	463,945
26 Legal Expense - Direct	110,000	-	0.0%	110,000	-	-	0.0%	-	110,000	-	0.0%	110,000
27 Safety & First Aid Training	34,717	839	2.4%	33,878	20,299	366	1.8%	19,933	14,418	473	3.3%	13,945
28 Office Admin (Typing etc.)	83,705	6,096	7.3%	77,608	83,705	6,096	7.3%	77,608	-	-	0.0%	-
29 Payroll Preparation	12,707	253	2.0%	12,454	12,707	253	2.0%	12,454	-	-	0.0%	-
30 Meetings	385,847	21,312	5.5%	359,139	195,274	15,998	8.2%	179,276	190,573	5,314	2.8%	185,259
31 Education & Training	50,597	995	2.0%	49,602	33,683	875	2.6%	32,808	16,914	120	0.7%	16,794
32 Procurement	20,085	-	0.0%	20,085	20,085	-	0.0%	20,085	-	-	0.0%	-
33 Inventory & Property Mgt.	1,388	-	0.0%	1,388	1,388	-	0.0%	1,388	-	-	0.0%	-
34 Employee Benefits	1,202,871	69,317	5.8%	1,129,463	326,225	7,363	2.3%	318,862	876,646	61,954	7.1%	814,691
35 Personnel Administration	103,340	-	0.0%	103,340	103,340	-	0.0%	103,340	-	-	0.0%	-
36 Workers Comp. Insurance	64,354	4,427	6.9%	59,928	-	-	0.0%	-	64,354	4,427	6.9%	59,928
37 Utilities	88,423	8,305	9.4%	80,118	-	-	0.0%	-	88,423	8,305	9.4%	80,118
38 Dues & Subscriptions	10,615	-	0.0%	10,615	-	-	0.0%	-	10,615	-	0.0%	10,615
39 Budget Preparation	3,624	-	0.0%	3,624	3,624	-	0.0%	3,624	-	-	0.0%	-
40 Archiving & Data Storage	7,596	-	0.0%	7,596	7,596	-	0.0%	7,596	-	-	0.0%	-
41 Vehicle & Equipment Acquisition	1,013,489	-	0.0%	1,013,489	-	-	0.0%	-	1,013,489	-	0.0%	1,013,489
TOTAL EXPENSES: MAINTENANCE	7,048,335	312,310	4.4%	6,731,934	2,471,305	158,980	6.4%	2,312,325	4,577,030	153,330	3.3%	4,423,700

Friant Water Authority
 Budget vs Actual Expenses
 YTD - 10/31/2022

Budget year: 8.3% Completed

	Total				Labor				Materials			
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
	WATER OPERATIONS											
42 Vehicle & Equipment Service	\$ 1,084	\$ 7	0.67%	\$ 1,077	\$ -	\$ -	0.00%	\$ -	\$ 1,084	\$ 7	0.67%	\$ 1,077
43 Yard & Building Maintenance	63,974	3,837	6.00%	60,137	10,602	3,641	34.34%	6,961	53,372	196	0.37%	53,175
44 Structure & Gate Maintenance	199,735	5,053	2.53%	194,682	58,309	4,857	8.33%	53,453	141,425	197	0.14%	141,229
45 Cleaning Right-of-Way	3,468	-	0.00%	3,468	2,508	-	0.00%	2,508	960	-	0.00%	960
46 Bargate & Guardrail Maint	2,632	-	0.00%	2,632	-	-	0.00%	-	2,632	-	0.00%	2,632
47 Reverse Flow Pump	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-
48 Sump Pump Maintenance	15,791	-	0.00%	15,791	-	-	0.00%	-	15,791	-	0.00%	15,791
49 Finance Charge	-	1	0.00%	(1)	-	-	0.00%	-	-	1	0.00%	(1)
50 C & I General Mtce	-	2,837	0.00%	(2,837)	-	2,837	0.00%	(2,837)	-	-	0.00%	-
51 C. & I. Maint (ESI Equipment)	259,634	3,948	1.52%	255,686	39,500	3,232	8.18%	36,268	220,134	716	0.33%	219,418
52 Meter Repair	111,318	2,893	2.60%	108,425	30,096	2,272	7.55%	27,824	81,222	621	0.76%	80,601
53 Canal Patrol	339,292	26,402	7.78%	312,891	338,575	26,402	7.80%	312,173	718	-	0.00%	718
54 Operations Reports	106,163	9,968	9.39%	96,196	105,805	9,968	9.42%	95,837	359	-	0.00%	359
55 Operations Supervision	86,606	8,258	9.54%	78,348	86,606	8,258	9.54%	78,348	-	-	0.00%	-
56 Water Measurement	9,273	527	5.68%	8,746	7,837	527	6.72%	7,310	1,436	-	0.00%	1,436
57 Safety & First Aid Training	3,886	-	0.00%	3,886	1,254	-	0.00%	1,254	2,632	-	0.00%	2,632
58 Meetings	1,881	-	0.00%	1,881	1,881	-	0.00%	1,881	-	-	0.00%	-
59 Education & Training	6,637	-	0.00%	6,637	1,254	-	0.00%	1,254	5,383	-	0.00%	5,383
60 Employee Benefits	397,987	14,666	3.69%	372,741	119,859	(6,879)	-5.74%	126,738	278,128	21,545	7.75%	256,583
61 Workers Comp. Insurance	31,130	2,136	6.86%	28,994	-	-	0.00%	-	31,130	2,136	6.86%	28,994
62 Utilities	35,302	3,365	9.53%	31,937	-	-	0.00%	-	35,302	3,365	9.53%	31,937
63 Vehicle & Equipment Acquisition	81,200	-	0.00%	81,200	-	-	0.00%	-	81,200	-	0.00%	81,200
TOTAL EXPENSES: WATER OPERATIONS	\$ 1,756,994	\$ 103,702	5.9%	\$ 1,642,712	\$ 804,086	\$ 74,917	9.3%	\$ 729,169	\$ 952,907	\$ 28,785	3.0%	\$ 924,122

Friant Water Authority
Budget vs Actual Expenses
YTD - 10/31/2022

Budget year: 8.3% Completed

	Total				Labor				Materials			
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
ADMINISTRATION												
64 Water supply coordination & monitoring	\$ 61,314	\$ -	0.00%	\$ 61,314	\$ 44,303	\$ -	0.00%	\$ 44,303	\$ 17,011	\$ -	0.00%	\$ 17,011
65 Legal Expense - Direct	-	793	0.00%	(793)	-	-	0.00%	-	-	793	0.00%	(793)
66 Safety & First Aid Training	94,652	-	0.00%	94,652	6,880	-	0.00%	6,880	87,772	-	0.00%	87,772
67 Office Admin (Typing etc.)	141,116	12,516	8.87%	128,600	141,116	12,516	8.87%	128,600	-	-	0.00%	-
68 Payroll Preparation	14,186	868	6.12%	13,319	14,186	868	6.12%	13,319	-	-	0.00%	-
69 Meetings	90,793	4,466	4.92%	86,327	46,873	2,284	4.87%	44,589	4,400	40	0.91%	4,360
70 Education & Training	90,915	2,460	2.71%	88,456	30,885	1,371	4.44%	29,514	60,030	1,088	1.81%	58,942
71 Miscellaneous Administrative	-	942	0.00%	(942)	-	557	0.00%	(557)	-	385	0.00%	(385)
72 Inventory & Property Mgt.	3,651	360	9.86%	3,291	3,651	360	9.86%	3,291	-	-	0.00%	-
73 Employee Benefits	509,814	33,173	6.51%	476,641	111,920	8,952	8.00%	102,969	397,894	24,222	6.09%	373,672
74 Data Processing	260,585	15,514	5.95%	245,072	15,576	1,969	12.64%	13,606	245,010	13,544	5.53%	231,465
75 Accounting & Auditing	431,743	27,422	6.35%	404,321	354,743	27,422	7.73%	327,321	77,000	-	0.00%	77,000
76 Personnel Administration	132,129	15,202	11.51%	116,927	68,130	6,287	9.23%	61,843	63,999	8,915	13.93%	55,085
77 Liability Insurance	142,825	110,370	77.28%	32,455	-	-	0.00%	-	142,825	110,370	77.28%	32,455
78 Workers Compensation Insurance	9,499	192	2.02%	9,308	-	-	0.00%	-	9,499	192	2.02%	9,308
79 Finance Charge	-	187	0.00%	(187)	-	-	0.00%	-	-	187	0.00%	(187)
80 Utilities	72,307	7,322	10.13%	64,985	-	-	0.00%	-	72,307	7,322	10.13%	64,985
81 Office Supplies	29,069	1,025	3.53%	28,044	-	-	0.00%	-	29,069	1,025	3.53%	28,044
82 Postage	7,747	1,132	14.61%	6,616	-	-	0.00%	-	7,747	1,132	14.61%	6,616
83 Dues & Subscriptions	9,034	-	0.00%	9,034	-	-	0.00%	-	9,034	-	0.00%	9,034
84 Budget Preparation	11,067	1,332	12.04%	9,735	11,067	1,332	12.04%	9,735	-	-	0.00%	-
85 Achieving & Data Storage	12,655	-	0.00%	12,655	12,655	-	0.00%	12,655	-	-	0.00%	-
86 Lease office equipment	37,323	1,676	4.49%	35,647	-	-	0.00%	-	37,323	1,676	4.49%	35,647
87 Vehicle & Equipment Acquisition	38,063	-	0.00%	38,063	-	-	0.00%	-	38,063	-	0.00%	38,063
88 Admin Reimb - GM Fund	(264,838)	(16,110)	6.08%	(248,728)	-	-	0.00%	-	(264,838)	(16,110)	6.08%	(248,728)
TOTAL EXPENSES: ADMINISTRATION	\$ 1,935,651	\$ 220,840	11.4%	\$ 1,714,811	\$ 861,986	\$ 64,370	7.5%	\$ 797,616	\$ 1,073,665	\$ 156,470	14.6%	\$ 917,195

O&M 93% \$ 220,840
GM 7% \$ 16,110

Administration Total Allocated out

BUDGET ITEM	FYE 9/30/22	CURRENT YTD	REMAINING
CARRY OVER ITEMS FY 2022			
89 Motor Grader	323,732		323,732
90 Foreman Pickup - Delano	33,600		33,600
91 CSO Pickup - Orange Cove	25,290		25,290
92 CSO Pickup - Delano	25,290		25,290
93 Limitorque Actuators	21,000		21,000
94 Canal Sump Pump	9,000		9,000
TOTAL CARRY OVER ITEMS FY 2021	437,912	-	437,912

Friant Water Authority
 Budget vs Actual Expenses
 YTD - 10/31/2022

Budget year: 8.3% Completed

	Total				Labor				Materials			
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
	SPECIAL PROJECTS											
95 Benefits	\$313,515	\$4,940	1.6%	\$308,575	\$82,655	\$4,940	6.0%	\$77,715	\$230,860	\$0	0.0%	\$230,860
96 Subsidence - System Wide	151,304	2,410	1.6%	148,893	41,304	2,410	5.8%	38,893	110,000	-	0.0%	110,000
97 GSA Engagement - East	322,292	6,872	2.1%	315,419	102,292	2,705	2.6%	99,587	220,000	4,168	1.9%	215,833
98 GSA Engagement - West	194,539	-	0.0%	194,539	15,767	-	0.0%	15,767	178,773	-	0.0%	178,773
99 Water Quality	475,741	1,336	0.3%	474,405	68,241	1,336	2.0%	66,905	407,500	-	0.0%	407,500
TOTAL EXPENSES: SPECIAL PROJECTS	\$1,457,390	\$15,559	1.1%	\$1,441,832	\$310,258	\$11,391	3.7%	\$298,866	\$1,147,133	\$4,168	0.4%	\$1,142,965

BUDGET TO ACTUALS REPORT

	FY 2023 Approved Budget	FY 2023 Actuals	Surplus /(Shortage)	% of Budget YTD 8.33%
Consultants				
General Counsel				
<i>Burke, Williams & Sorenson, LLC</i>	3,000	-	3,000	
Special Counsel				
<i>Water & Power Law Group</i>	230,000	21,343	208,657	9.28%
<i>Burke, Williams & Sorensen, LLC</i>	39,000	-	39,000	
<i>Somach Simmons</i>	119,000	-	119,000	
<i>BiOps Litigation (Kaplan & Kirsch)</i>	156,000	-	156,000	
<i>CEQA Litigation (Stoel Rives)</i>	126,000	-	126,000	
<i>Additional Special Counsel (TBD)</i>	55,500	-	55,500	
Special Counsel Subtotal	725,500	21,343	704,157	2.94%
Professional Support - Operations				
<i>General Consulting - as needed (Luce, Steve O. & MBK)</i>	111,950	1,676	110,274	1.50%
<i>Kan Ventures</i>	60,000	5,000	55,000	8.33%
<i>Additional Legal/Operations Consultant (TBD)</i>	16,000	-	16,000	
Professional Support - Operations Subtotal	187,950	6,676	180,555	3.55%
Professional Support - Communications & Outreach				
<i>External Affairs - Federal (Ferguson Group)</i>	50,000	3,666	46,334	7.33%
<i>External Affairs - State (Villines)</i>	50,000	3,240	46,760	6.48%
<i>Media & Materials - (Commuter Industries)</i>	30,000	-	30,000	
Professional Support - Comm. & Outreach Subtotal	130,000	6,906	123,094	5.31%
Consultants Subtotal	1,046,450	34,925	585,582	3.34%
Staff				
Leadership	635,327	93,607	541,720	14.73%
Staff Subtotal	635,327	93,607	541,720	14.73%
Other Activities				
CDTFA - State Water Resources Control Board	67,500	-	67,500	
Family Farm Alliance	15,000	-	15,000	
CVPWA dues	40,000	-	40,000	
SJV Blueprint	15,000	-	15,000	
Public Policy Institute of California	10,000	-	10,000	
Misc Organizational Contributions	15,000	-	15,000	
Dues & Fees Subtotal	162,500	0	152,500	0.00%
Other Supplies & Services				
<i>Travel</i>	60,000	903	59,097	1.50%
<i>Hotel</i>	37,500	826	36,674	2.20%
<i>Meals</i>	35,000	439	34,561	1.25%
<i>Miscellaneous visa receipts</i>	15,000	865	14,135	5.77%
<i>Meeting expenses -</i>	45,000	3,900	41,100	8.67%
Other Supplies & Services Subtotal	192,500	6,932	185,568	3.60%
Admin Allocation	175,000	16,110	158,890	9.21%
Direct Expenses (including rent, mileage)				
<i>Mileage</i>	27,500	1,200	26,300	4.36%
<i>Rent</i>	34,620	4,010	30,610	11.58%
<i>Office Expenses</i>	2,500	-	2,500	
<i>Office Supplies</i>	7,500	15	7,485	0.20%
<i>Utilities</i>	1,000	-	1,000	
Direct Expenses Subtotal	73,120	5,225	67,895	7.15%
Other Activities Subtotal	603,120	28,268	564,852	4.69%
Subtotal Base Budgets	2,284,897	156,800	1,692,155	6.86%
Special Projects				
Regulatory Engagement & Advocacy	200,000	-	0	
Total Special Projects	200,000	0	0	0.00%
Total Budgets	2,484,897	156,800	1,692,155	6.86%

Middle Reach Capacity Correction Project, Phase 1
Bureau of Reclamation and Friant Water Authority
Monthly Financial Status Report - Budget to Actual Spending
Expenditures through October 31, 2022

Sources of Funds	Federal Funding		FWA Spending Plan Funds	Friant Water Authority Funding					
	SJRRP funds	WIIN funds	Advance Payments for Construction Costs	FWA Contractors	Eastern Tule GSA	Pixley GSA	Delano GSA	State Funding-DWR	Total FWA funds
Anticipated Funding	\$41M-\$46.9M	\$ 210,550,000	\$ 118,645,000	\$ 50,000,000	\$125M-\$200M	\$ 11,000,000	\$ 1,200,000	\$ 29,792,000	
Funds Secured/Received to date	\$ 41,900,000	\$ 208,100,000	\$ 28,818,000	\$ 43,441,356	\$ 6,564,837	\$ 11,000,000	In progress	\$ 16,460,100	\$ 77,466,293
Expenditures to date	(39,732,731)	(73,688,830)	(15,879,888)	(15,364,869)	(4,872,676)	(11,000,000)	-	(12,945,324)	(44,182,869)
Remaining Funding Available	\$ 2,167,269	\$ 134,411,170	\$ 12,938,112	\$ 28,076,487	\$ 1,692,161	\$ -	In progress	\$ 3,514,776	\$ 33,283,424

Project Cost Category	Budget Estimate (2022)			Prior Period Expenditures (Cumulative)		October 31, 2022 Expenditures		Total Expenditures through October 31, 2022		Remaining Budget	
	Reclamation	FWA (Non-Federal)	Total	Reclamation Expenditures	FWA Expenditures	Reclamation Expenditures	FWA Expenditures	Reclamation Expenditures	FWA Expenditures	Reclamation	FWA (Non-Federal)
Prior-Period Preconstruction Costs (thru September 30, 2021)	\$ 23,081,048	\$ 3,525,733	\$ 26,606,781	\$ 23,081,048	\$ 3,525,733			\$ 23,081,048	\$ 3,525,733	\$ -	\$ -
ROW & Land Acquisition	\$ 8,288,108	\$ 14,013,460	\$ 22,301,568	\$ 6,893,940	\$ 11,343,202	\$ 11,172	\$ 3,612	\$ 6,905,112	\$ 11,346,814	\$ 1,382,996	\$ 2,666,646
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Design & Specifications	\$ 1,785,380	\$ -	\$ 1,785,380	\$ 1,348,456	\$ -	\$ 39,655		\$ 1,388,111	\$ -	\$ 397,269	\$ -
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Construction Contract - Phase 1 Replacement Pump Stations	\$ 8,629,262	\$ 8,629,262	\$ 17,258,525	\$ -	\$ -			\$ -	\$ -	\$ 8,629,262	\$ 8,629,262
Construction Contract - MRCCP Phase 1	\$ 68,591,893	\$ 110,829,643	\$ 179,421,536	\$ 63,073,115	\$ 28,818,000	\$ 9,316,874		\$ 72,389,989	\$ 28,818,000	\$ (3,798,096)	\$ 82,011,643
Construction Contract Contingency	\$ 6,258,401	\$ 6,258,401	\$ 12,516,803	\$ -	\$ -			\$ -	\$ -	\$ 6,258,401	\$ 6,258,401
Total	\$ 146,250,000	\$ 146,250,000	\$ 292,500,000	\$ 103,479,397	\$ 44,149,385	\$ 9,942,163	\$ 33,484	\$ 113,421,560	\$ 44,182,869	\$ 32,828,440	\$ 102,067,131

% Cost-Share 50% 50%

72% 28%

Please Note:
Actual cost-share percentages: 69% 31%
The difference is due to timing of when the FWA Spending Plan Funds are being expended by BOR.

Agenda Report

No. 3.A

DATE: December 9, 2022
TO: Board of Directors
FROM: Wilson Orvis, Chief Financial Officer
SUBJECT: Fiscal Year 2022, Second Quarter - General Membership Call-for-Funds

SUMMARY:

The Board of Directors approved the Fiscal Year 2023 General Membership Budget at the August 25, 2022 meeting. Consistent with the adopted Budget and considering the current cash position, staff is recommending a Call-for-Funds due January 31st, 2023 for the General Membership in the amount of \$618,224.00 to fund activities for the second quarter of FY 2023.

An Exhibit A for General Member Budget Call-for-Funds is attached for your review. The “Exhibit A” delineates the amount to be invoiced from each member district.

Should the Call-for-Funds be approved by the Board, the invoices will be prepared and sent out by mid-December and would be due by January 31, 2023.

FINANCE COMMITTEE ACTION:

At the December 6, 2022 meeting, the Finance Committee acted to recommend that the Board of Directors approve the January 2023 Call-for-Funds in the amount of \$618,224 for the second quarter per the Exhibit A for the FY 2023 General Membership Budget.

SUGGESTED MOTION:

I move that the Board of Directors approve the January 2023 Call-for-Funds in the amount of \$618,224 for the second quarter per the Exhibit A for the FY 2023 General Membership Budget.

BUDGET IMPACT:

\$618,224 in Cash Receipts to fund FY 2023 General Membership Budget activities.

ATTACHMENTS:

FY 2023 General Member Budget - Exhibit A.

Friant Water Authority Exhibit "A" for General Member Budget GENERAL MEMBER ALLOCATION Fiscal Year Ending September 30, 2023	Water %	50.00%	October 1 618,224 January 1 618,224 April 1 618,224 *Final 618,224 Associate Dues 12,000 Total Call for Funds 2,484,897
	Equal %	50.00%	
	Total	100.00%	

District	CLASS I	CLASS I TIMES 2	CLASS II	2 X CLASS I PLUS CLASS II	CONTRACT WATER PERCENT	EQUAL ALLOCATION PERCENT	TOTAL ALLOCATION PERCENT	October 1 Call for Funds	January 1 Call for Funds	April 1 Call for Funds	Final Call for Funds	Total Call for Funds
Arvin-Edison	40,000	80,000	311,675	391,675	8.828%	3.125%	11.953%	70,893.00	70,893.00	70,893.00	70,893.00	283,572.00
City of Fresno	60,000	120,000		120,000	2.705%	3.125%	5.830%	36,040.00	36,040.00	36,040.00	36,040.00	144,160.00
Chowchilla WD	55,000	110,000	160,000	270,000	6.085%	3.125%	9.210%	56,940.00	56,940.00	56,940.00	56,940.00	227,760.00
Fresno ID		0	75,000	75,000	1.690%	3.125%	4.815%	29,770.00	29,770.00	29,770.00	29,770.00	119,080.00
Kaweah Delta WCD	1,200	2,400	7,400	9,800	0.221%	3.125%	3.346%	20,685.00	20,685.00	20,685.00	20,685.00	82,740.00
Kern-Tulare		0	5,000	5,000	0.113%	3.125%	3.238%	20,016.00	20,016.00	20,016.00	20,016.00	80,064.00
Lindmore	33,000	66,000	22,000	88,000	1.983%	3.125%	5.108%	31,581.00	31,581.00	31,581.00	31,581.00	126,324.00
Lindsay-Strathmore	27,500	55,000		55,000	1.240%	3.125%	4.365%	26,983.00	26,983.00	26,983.00	26,983.00	107,932.00
Lower Tule River	61,200	122,400	238,000	360,400	8.123%	3.125%	11.248%	69,536.00	69,536.00	69,536.00	69,536.00	278,144.00
Madera ID	85,000	170,000	186,000	356,000	8.024%	3.125%	11.149%	68,923.00	68,923.00	68,923.00	68,923.00	275,692.00
Orange Cove	39,200	78,400		78,400	1.767%	3.125%	4.892%	30,243.00	30,243.00	30,243.00	30,243.00	120,972.00
Porterville	15,000	30,000	30,000	60,000	1.352%	3.125%	4.477%	27,680.00	27,680.00	27,680.00	27,680.00	110,720.00
Saucelito	21,500	43,000	32,800	75,800	1.708%	3.125%	4.833%	29,881.00	29,881.00	29,881.00	29,881.00	119,524.00
Tea Pot Dome	7,200	14,400		14,400	0.325%	3.125%	3.450%	21,326.00	21,326.00	21,326.00	21,326.00	85,304.00
Terra Bella	29,000	58,000		58,000	1.307%	3.125%	4.432%	27,401.00	27,401.00	27,401.00	27,401.00	109,604.00
Tulare	30,000	60,000	141,000	201,000	4.530%	3.125%	7.655%	47,326.00	47,326.00	47,326.00	47,326.00	189,304.00
Associate Member												
Hills Valley								3,000.00	3,000.00	3,000.00	3,000.00	12,000.00
Totals	504,800	1,009,600	1,208,875	2,218,475	50.000%	50.000%	100.000%	618,224.00	618,224.00	618,224.00	618,224.00	2,472,896.00

DATE: December 9, 2022

TO: Board of Directors

FROM: Donald M. Davis, General Counsel

SUBJECT: **Nominations and Selection of Board Officers, and Executive Committee and Standing Committee Members for the 2021-2022 Term**

SUMMARY:

The current terms of the Board officers and members of the Executive Committee and FWA's standing committees (Finance, HR, and O&M) expire at the end of the December. Under the Bylaws, nominations are to be made by the Executive Committee, with the Board voting on such nominations at its December meeting, including any additional nominations made by the full Board at such meeting. However, because there was no Executive Committee meeting in November due to the Board Retreat, Director interest in serving as an officer and on the Executive Committee, as well as interest in serving on a standing committee was handled by the current Board officers and the proposed slate of nominations set forth below resulted from those discussions.

RECOMMENDED ACTION:

That the Board: (1) receive officer nominations and select a Chair, Vice Chair, and Secretary-Treasurer for the 2023-2024 term; (2) receive nominations and select the remaining members of the Executive Committee for the 2023-2024 term; and (3) receive nominations and select the members of the Finance/HR and O&M Committees for the 2023-2024 term.

BACKGROUND:

Bylaws - The provisions of the Bylaws relevant to Board officers and committee members are as follows:

Article IV

Section 7.1: The Chair, Vice Chair, and Secretary-Treasurer will be chosen at the December Board meeting beginning in 2018. Their term of office will be for two years starting in the January following their election and each will hold office until he or she resigns, is removed, or is otherwise disqualified to serve, or until his or her successor is elected and qualified to serve.

Article V

Section 2: There will be a committee of the Board known as the "Executive Committee," which will consist of a minimum of five members and up to seven members: up to three regular members (two of which may be alternate members), the Chair, Vice Chair, the Secretary-Treasurer, and the past-Chair. The chair of the Executive Committee will be the Chair of the Board.

Section 3: To allow reasonable opportunities for Board members to participate on the Executive Committee, once a Board member has served four consecutive years as a regular member or six consecutive years (three consecutive two-year terms) in any officer position of the Executive Committee, he or she will be precluded from serving on the Executive Committee again until one year has passed from the conclusion of his or her last service.

Section 5: For all standing committees other than the Executive Committee, the Chair of the Board will ask each director to identify the committees on which he or she is willing to serve. Beginning in November 2018, the Executive Committee will propose a slate of candidates for each standing committee in addition to the Executive Committee. At the following December Board meeting, the Board will consider the committee candidates proposed by the Executive Committee, and any additional candidates nominated by the Board, and vote to approve or reject the proposed standing committee members. The terms for each committee member will be two years.

Section 6: For all standing committees other than the Executive Committee, the Chair of the Board will appoint, from among the Executive Committee members, the individual who will serve as chair of each committee. Beginning in January 2017, the terms for the committee chairs will be two years. The designation of the committee chairs will be confirmed by a majority vote of the Executive Committee. Each standing committee will select from among its members a vice chair who is not a member of the Executive Committee.

PROPOSED ACTIONS:

1. Board Officer Nominations for the 2023-2024 Term:

Nomination Slate

Jim Erickson, Chair

Rick Borges, Vice Chair

Josh Pitigliano, Sect.-Treasurer

Recommended Action: Receive any additional officer nominations. If additional nominations are received for an office, vote on each candidate for that office individually. If no additional nominations are received for any office, then vote on the slate of candidates.

2. Executive Committee Membership Nominations and Selection for the 2023-2024 Term:

Nomination Slate

Jim Erickson, Chair

Rick Borges, Vice Chair

Josh Pitigliano, Sect.-Treasurer

Cliff Loeffler, Past Chair

Edwin Camp, Member

Matt Lieder, Member*

Arlen Miller, Member*

*Indicates new member nomination.

Recommended Action: Receive any additional member nominations. If additional nominations are received for membership, vote on each candidate individually. If no additional nominations are received, then vote on the slate of candidates.

3. Finance/HR Committee Nominations for the 2023-2024 Term:

Nomination Slate

Josh Pitigliano, Chair
Mike Brownfield, Vice Chair
Eric Borba, Member
Chris Tantau, Member
Jeffrey G. Giumarra, Member

Note: These are the existing members of these committees and no changes are proposed.

Recommended Action: Receive any additional member nominations. If additional nominations are received for membership, vote on each candidate individually. If no additional nominations are received, then vote on the slate of candidates.

4. O & M Committee Nominations and Selection for the 2023-2024 Term:

Nomination Slate

Rick Borges, Chair
Mike Brownfield, Vice-Chair
Cliff Loeffler
Kent H. Stephens
Steven Kisling*

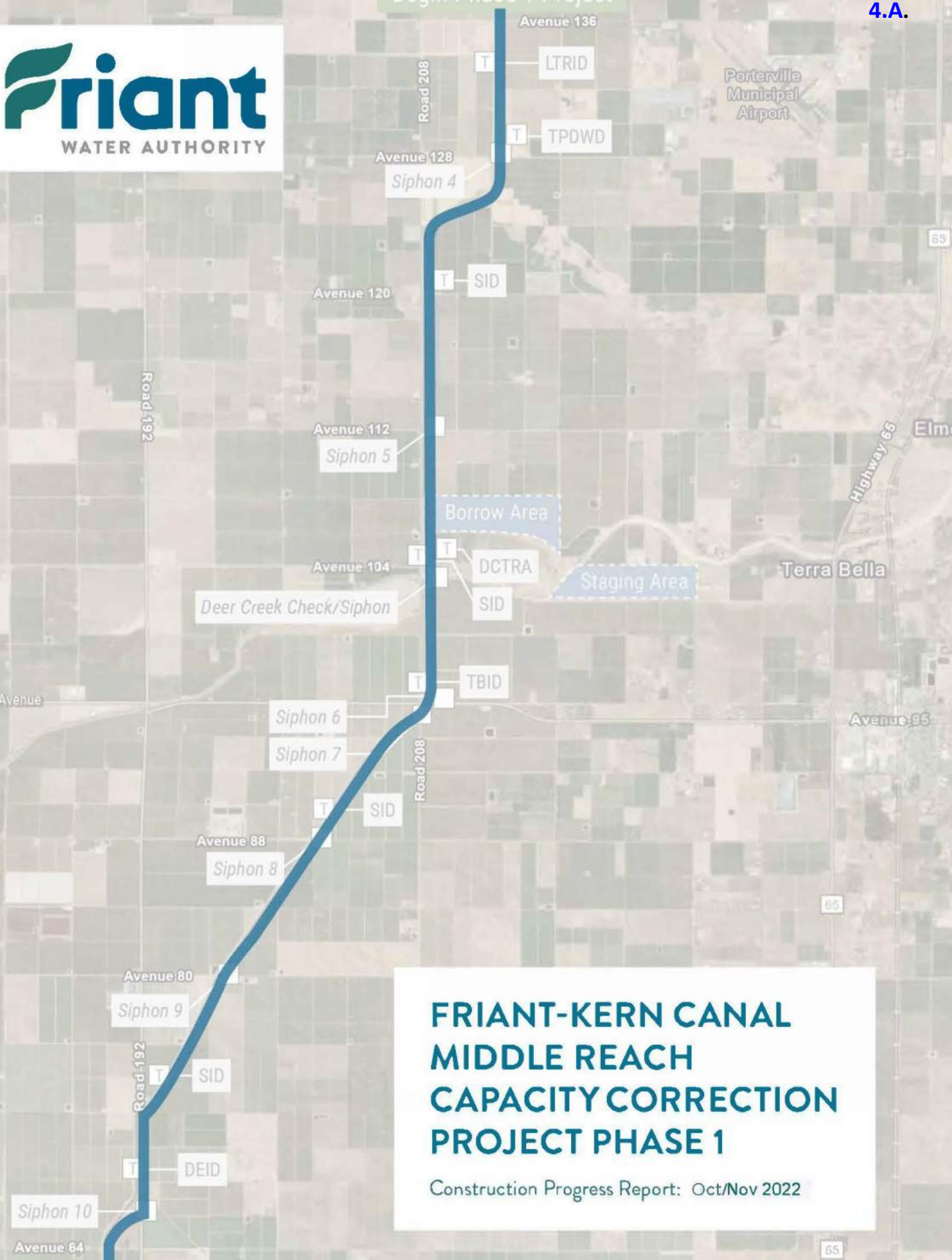
*Indicates new member nomination. Otherwise, the other nominations reflect existing committee members.

Recommended Action: Receive any additional member nominations. If additional nominations are received for membership, vote on each candidate individually. If no additional nominations are received, then vote on the slate of candidates.



Begin Phase 1 Project

4.A.



**FRIANT-KERN CANAL
MIDDLE REACH
CAPACITY CORRECTION
PROJECT PHASE 1**
Construction Progress Report: Oct/Nov 2022

End Phase 1 Project

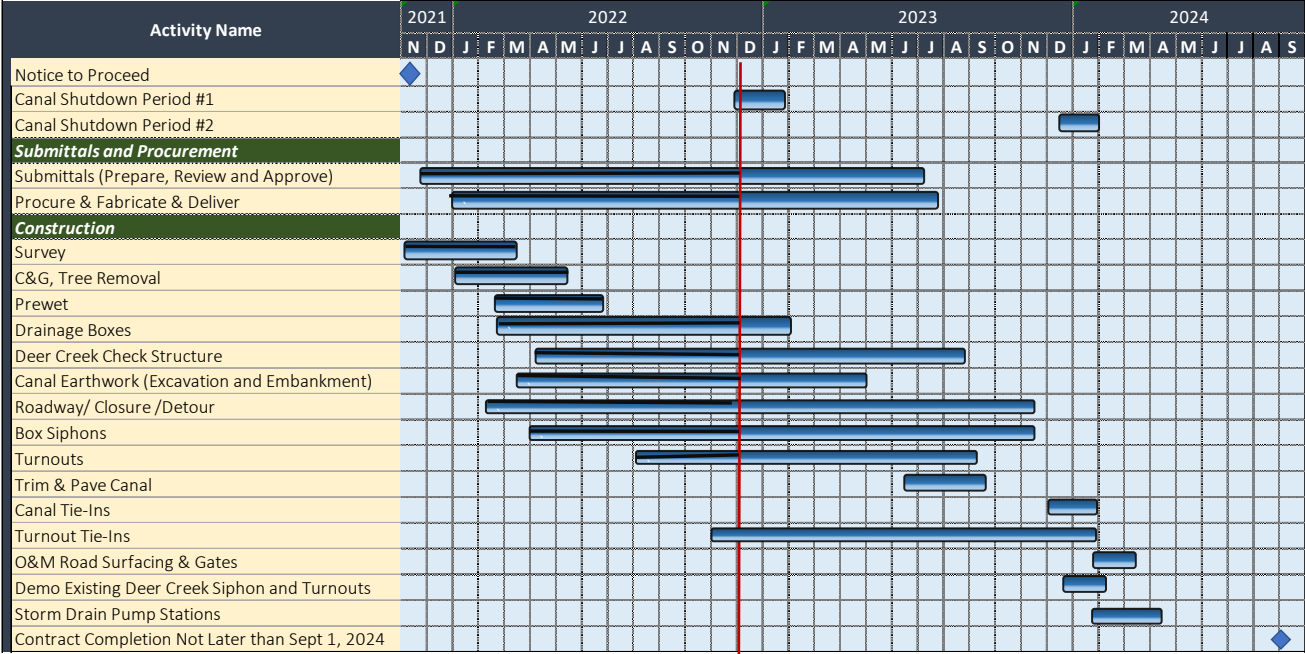


4.A.1

Summary of Work Accomplished

- The Contractor has worked 323 calendar days as of November 23rd.
- Continued canal excavation and embankment placement along the alignment.
- Work in the Deer Creek check/siphon area included concrete formwork installation, reinforcing bar steel placement and pouring structural concrete. The temporary creek bypass berms were installed on top of the concrete deck.
- At the Avenue 88 siphon, work included installing waterstops, reinforcing bars, and concrete formwork; and pouring structural concrete in wall sections.
- At the Avenue 112 siphon, work included installing waterstops and reinforcing bars; and pouring structural concrete in slab and wall sections.
- At the Road 192 siphon, work included installing waterstop and reinforcing bars, and pouring structural concrete in slab sections.
- Road closures for roadway siphons at Avenues 88 and 112 are in effect and a temporary shoofly is in place at Road 192.
- Turnout work has commenced, with work being conducted at Casa Blanca, Teapot Dome, SID S-2, DCTRA Pits, and DEID 68 turnouts.

Schedule Progress



Work completed through end of October (based on cost) is approximately 45.4 percent of the original contract amount, and the elapsed time (through October) represents approximately 35.3 percent of the total contract time

Construction Narrative

Canal excavation and embankment placement continued, with work being performed between Avenue 88 to the end of the alignment. The embankment completion varies along the alignment, with the highest completion from Avenue 88 northwards between 60 to 92-percent complete. The daily earthwork production rate continued to range from approximately 12,000 cubic yards (cy) to 17,000 cy per shift. Materials from the TBID borrow source continued to be placed in the canal embankments. Compaction tests were performed on the embankment placement, with all areas passing prior to the placement of the next lift. Compaction was done by two CAT 825 soil compactor (39-ton) or CAT 834 rubber tire compactor (52-ton) with water trucks applying water for moisture conditioning as needed.

At the Deer Creek area, work continued to place reinforcement and concrete formwork, with structural concrete placement continuing, for a total of over 20 slab, wall and deck sections concrete pours completed by the end of November. Backfill was placed on top of the concrete deck and temporary creek bypass berms installed. The concrete was supplied by the contractor's batch plant and the 28-day concrete break results all met and exceeded requirements for this location, as well as for the other concrete pour locations. At the Avenue 88 siphon, the Contractor placed waterstops, reinforcement and concrete formwork and poured concrete in wall sections. At the Avenue 112 siphon, work included installing waterstops and reinforcing bar placement in the slab and wall sections and placing structural concrete in slab and wall sections. At the Road 192 siphon, work included waterstop and reinforcing bar placement, and placing structural concrete in slab sections.

Turnout work has commenced, with work being conducted at Casa Blanca, Teapot Dome, SID S-2, DCTRA Pits, and DEID 68 turnouts. Work included excavation, placing formwork and installing reinforcing bars. At the DCTRA Pits, the 36-inch bypass pipe was installed. The Contractor started construction of irrigation bypass lines at Avenue 96, Avenue 80 and Avenue 128. Work on the irrigation and drainage extensions at several locations continued this month. This work included removal and replacement of defective concrete at one location, concrete placement, stripping formwork, and installing a concrete collar at a 48-inch pipe. Leaks in a SID pipeline were repaired.

Environmental

Biological construction monitoring continued. To-date, no evidence has been found to indicate the presence of kit fox or burrowing owls within the work area. At the end of September there were no buffer areas in place.

Change Orders

There were 4 change orders this month for a cumulative 2 month total of \$660,000.

Construction Progress Photographs ¹



Deer Creek Siphon – Concrete Deck Placement



Deer Creek Siphon - Deck Backfilled and Temporary Creek Bypass Berms Being Placed

¹ Photographs courtesy of Reclamation



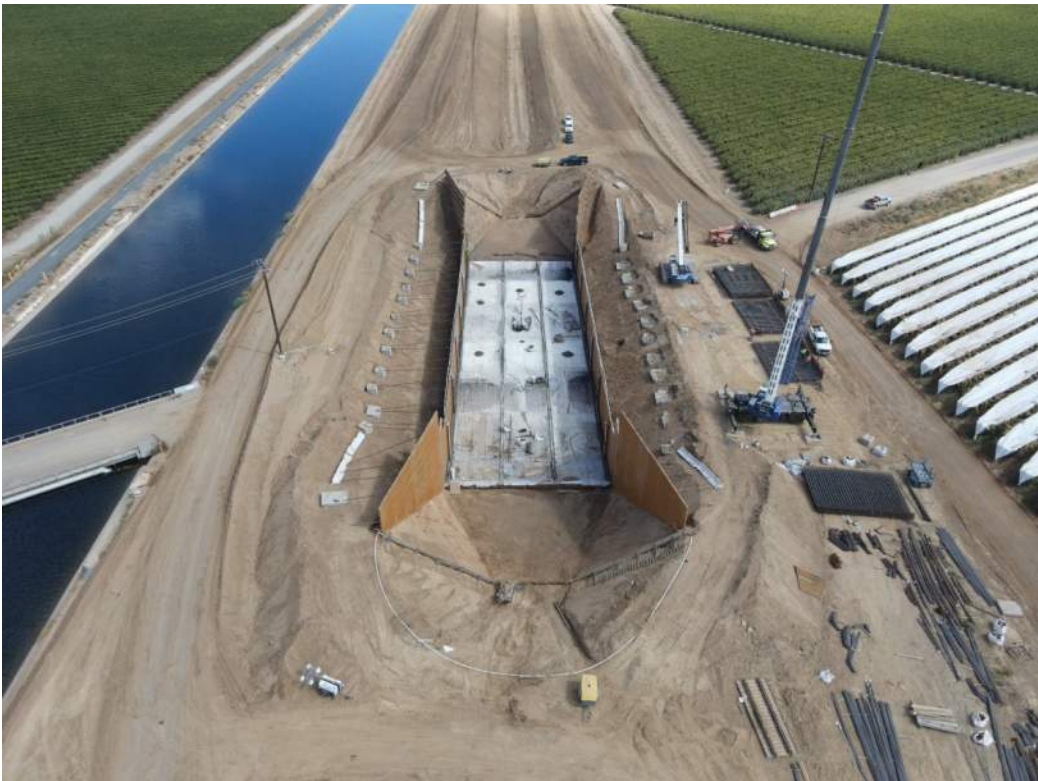
DCTRA Pits, SID-S2, Deer Creek Wasteway Turnouts Area



Avenue 88 Siphon – Wall Concrete Placement In Progress



Avenue 112 Siphon – Concrete Wall Placement In Progress



Road 192 Siphon – Concrete Slab Placement in Progress



Drainage Box Tie-in During Outage



SID S-1 Turnout

Progress Map



Continued on Next Page

Progress Map continued



Financial Summary

Monthly Financial Status Report - Budget to Actual Spending Expenditures through October 31, 2022

Sources of Funds	Federal Funding		FWA Spending Plan Funds		Friant Water Authority Funding					Total FWA funds
	SJRRP funds	WIIN funds	Advance Payments for Construction Costs	FWA Contractors	Eastern Tule GSA	Pixley GSA	Delano GSA	State Funding-DWR		
Anticipated Funding	\$41M-\$46.9M	\$ 210,550,000	\$ 118,645,000	\$ 50,000,000	\$125M-\$200M	\$ 11,000,000	\$ 1,200,000	\$ 29,792,000		
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Remaining Funding Available	\$ 2,167,269	\$ 134,411,170	\$ 12,938,112	\$ 28,076,487	\$ 1,692,161	\$ -	In progress	\$ 3,514,776	\$ 33,283,424	

Project Cost Category	Budget Estimate (2022)			Prior Period Expenditures (Cumulative)		October 31, 2022 Expenditures		Total Expenditures through October 31, 2022		Remaining Budget	
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Prior-Period Preconstruction Costs (thru September 30, 2021)	\$ 23,081,048	\$ 3,525,733	\$ 26,606,781	\$ 23,081,048	\$ 3,525,733			\$ 23,081,048	\$ 3,525,733	\$ -	\$ -
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Design & Specifications	\$ 1,785,380	\$ -	\$ 1,785,380	\$ 1,348,456	\$ -	\$ 39,655		\$ 1,388,111	\$ -	\$ 397,269	\$ -
Construction Support	\$ 13,561,832	\$ -	\$ 13,561,832	\$ 4,788,086	\$ -	\$ 186,422		\$ 4,974,508	\$ -	\$ 8,587,325	\$ -
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Total	\$ 146,250,000	\$ 146,250,000	\$ 292,500,000	\$ 103,479,397	\$ 44,149,385	\$ 9,942,163	\$ 33,484	\$ 113,421,560	\$ 44,182,869	\$ 32,828,440	\$ 102,067,131
	% Cost-Share	50%	50%					72%	28%		

Please Note:
Actual cost-share percentages: 69% 31%
The difference is due to timing of when the FWA Spending Plan Funds are being expended by BOR.

DATE: December 9, 2022

TO: Board of Directors

FROM: Ian Buck-Macleod, Water Resources Manager

SUBJECT: Water Operations Update

SUMMARY:

The Friant Class 1 allocation remains at 30%. The most recent CVO forecast was released at the end of November, which provides an outlook for winter operations under a 90% and 50% exceedance hydrology. It is not anticipated that additional releases from Millerton to meet Exchange Contractor demands will be required for the remainder of 2022 with approximately 10-20% probability in 2023. Restoration flow releases resumed on October 1st, with full reconnection of the Lower San Joaquin River occurring in early November.

DISCUSSION:

Inflow Forecasts

Fall precipitation had generally been somewhat below normal until the last week, when most of the Central Valley and Sierras received enough precipitation to get to near average. The exception has been the North Coast and Shasta watershed, where precipitation is currently only about 60% of normal. The Upper San Joaquin watershed has been near the “target” of many of the fall storm events, with precipitation to date around 130% of average and several SWE stations in the watershed showing almost 200% of average SWE to date. Statewide precipitation currently ranges from 86% to 124% of average to date. The cold nature of these early season storms has allowed snowpack to get off to a good start, with statewide SWE currently ranging from 165% to 213% of average to date. Longer range forecast models suggest the current unsettled pattern may continue for at least the next week.

Table 1 shows the unimpaired inflow forecasts for Shasta Lake and Millerton Lake from the California Nevada River Forecast Center (CNRFC). Forecasts for both Shasta and Millerton have wide ranges at this point in the water year, as forecasts are largely based on historical hydrology. The current Millerton 50% forecast would result in a water year inflow of just above the long-term average. Unimpaired inflow to Shasta this year needs to be 4.0 MAF or greater to avoid a Shasta Critical year. The final unimpaired inflows for water year 2022 were 1.06 MAF (58% of average) and 2.91 MAF (51% of average) for Millerton and Shasta, respectively. 2020 through 2022 was the worst three-year period on record for Shasta inflow.

Table 1. Unimpaired Inflow Forecasts for WY 2022

Item	Exceedance		
	90%	50%	10%
CNRFC Shasta Unimpaired Inflow (TAF) ¹	2,820	3,890	7,740
CNRFC Millerton Unimpaired Inflow (TAF) ¹	996	1,910	3,350

Notes:

¹ As of December 6.

CVP NOD Operations

Overall CVP North-of-Delta reservoirs are at below-normal storage levels for this week based on their 15-year average – Trinity, Shasta, and Folsom are 43%, 65%, and 69% of average, respectively. Combined CVP storage is currently about 100 TAF lower than this time last year. Releases from all upstream reservoirs (including Oroville) have been at minimum levels for the past several weeks. CVO recently informed all Central Valley contractors to plan for “extremely limited water supply conditions in 2023”, while the SWP released their initial allocation for 2023 of 5% of contract supply.

CVO provided updated operations projections at the end of November for the 90% and 50% exceedance levels. Figures 1 and 2 show the projected Shasta Lake and Folsom Lake storage through February based off the most recent CVO projection, as compared to actuals to date. Shasta storage has trended slightly below the 90% forecast as releases were unable to reach the minimum several weeks later than expected due to Delta needs and fishery concerns. Folsom storage has trended near or slightly below the forecast as inflow has been slightly lower than anticipated.

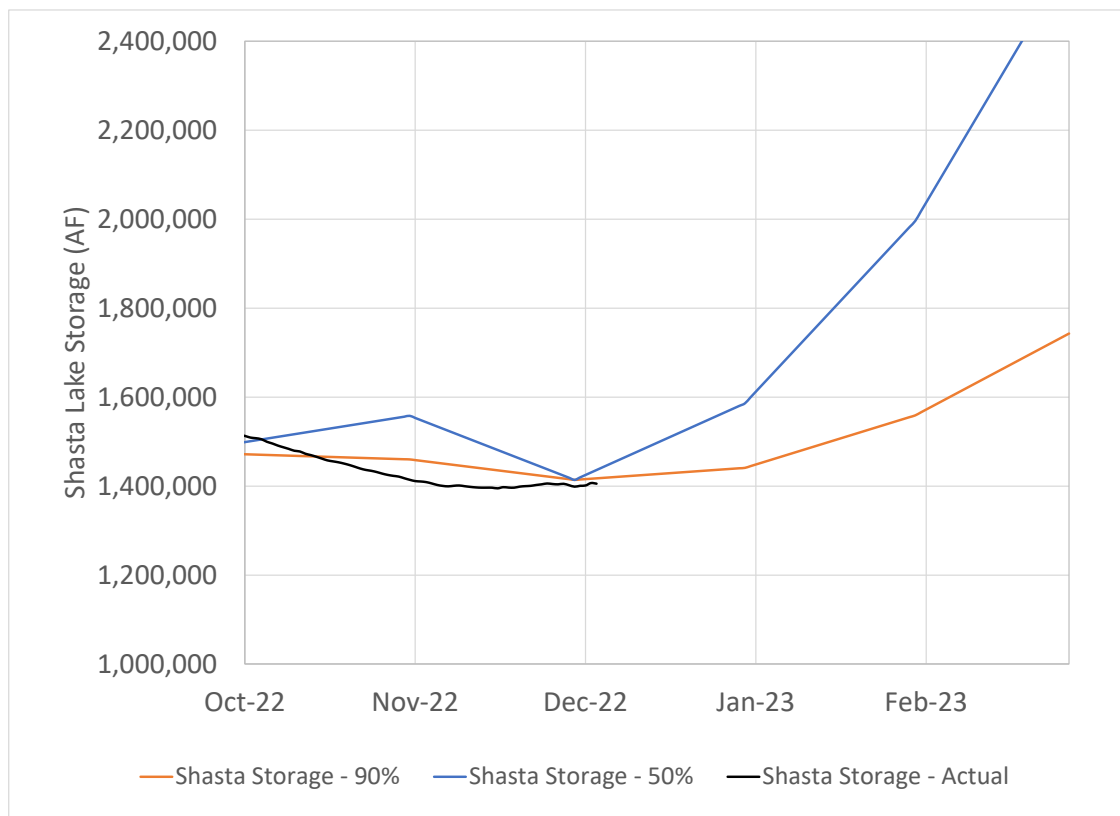


Figure 1. Shasta Lake Storage – September CVO Projection as Compared to Actuals

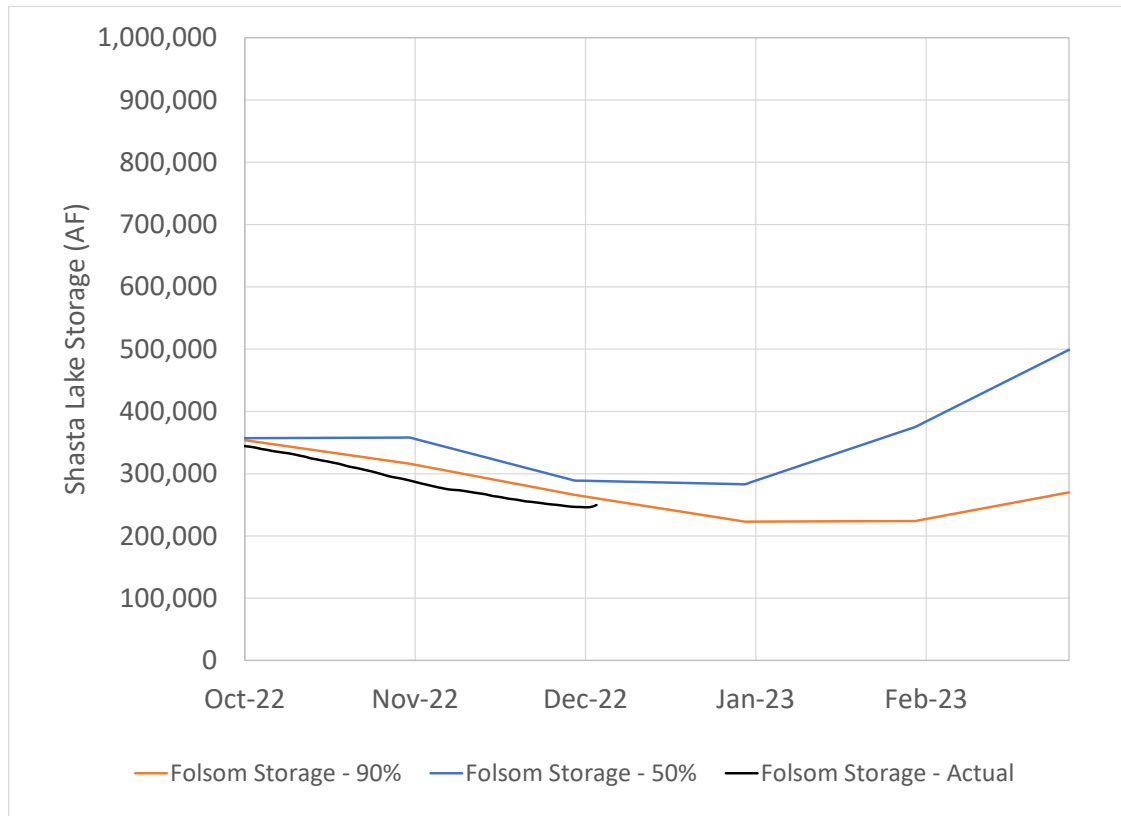


Figure 2. Folsom Lake Storage – September CVO Projection as Compared to Actuals

CVP SOD Operations

Delta Operations

Since early-October, Jones exports have mostly been at a one-unit operation, except for a few weeks in November when two-units were operated. Exports have largely been limited this fall by water quality concerns in the Delta. Exports have held at a one-unit operation in December, but recent storms should allow for an increase in the near future. Figure 3 shows the projected daily Jones pumping through February as compared to actuals to date. Exports have generally been below the forecasted volumes this fall.

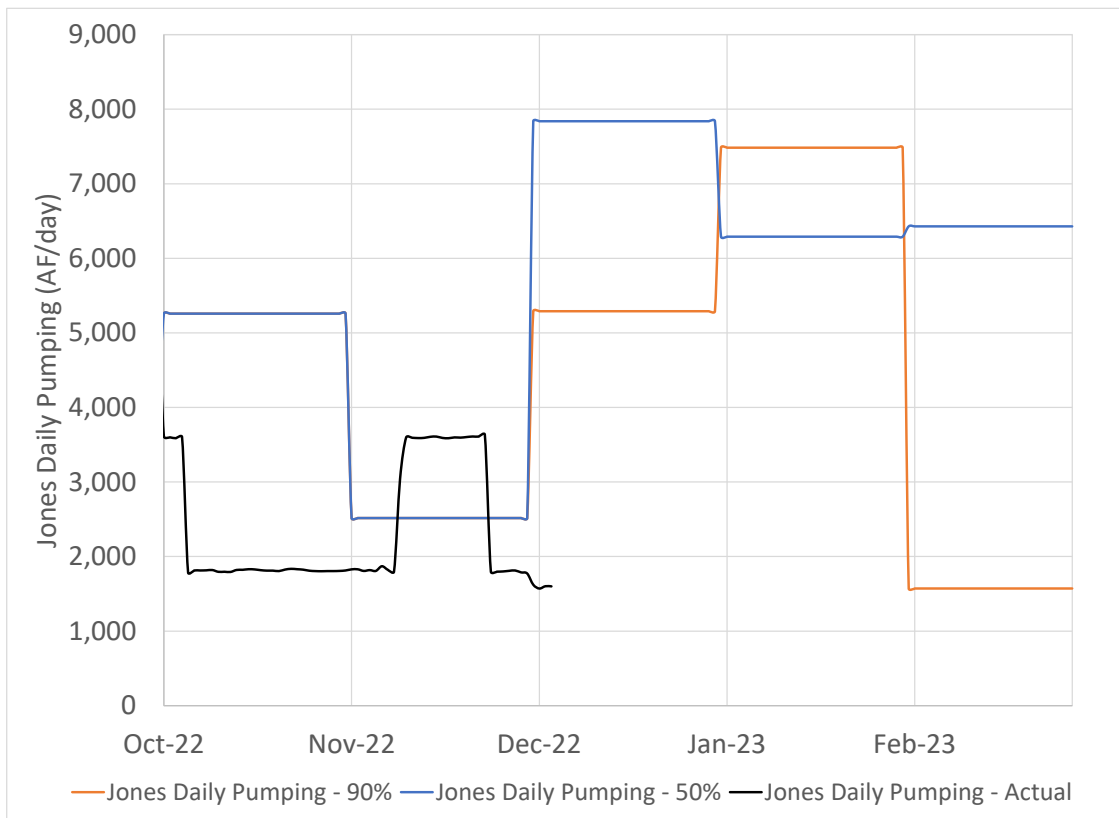


Figure 3. Daily Jones Pumping – November CVO Projection as Compared to Actuals

As of December 6, all water right curtailments in the Sacramento and San Joaquin watersheds have been suspended due to expected flows during the upcoming storm event. The changes to curtailment methodology presented by the SWRCB at the November 9th workshop are expected to be implemented in the coming months. These changes include enhanced spatial refinement of the supply and demand estimates in the curtailment tool, as well as corrections to priority dates assumed for Reclamation’s Millerton water rights.

San Luis Operations

CVP San Luis Reservoir storage is at 190 TAF—50% of its 15-year average. At the end of September there was approximately 164 TAF of rescheduled and non-Project water in CVP San Luis. Figure 4 shows the September exceedance projections from CVO for San Luis Federal storage through February as compared to actuals. Please note both projections display actual storage, which included approximately 164 TAF of non-project water at the end of September. Internal FWA estimates suggest that project water in CVP San Luis is currently around 20 TAF. Physical and Project storage declined in October due to reduced pumping, and has mostly remained steady in November and December.

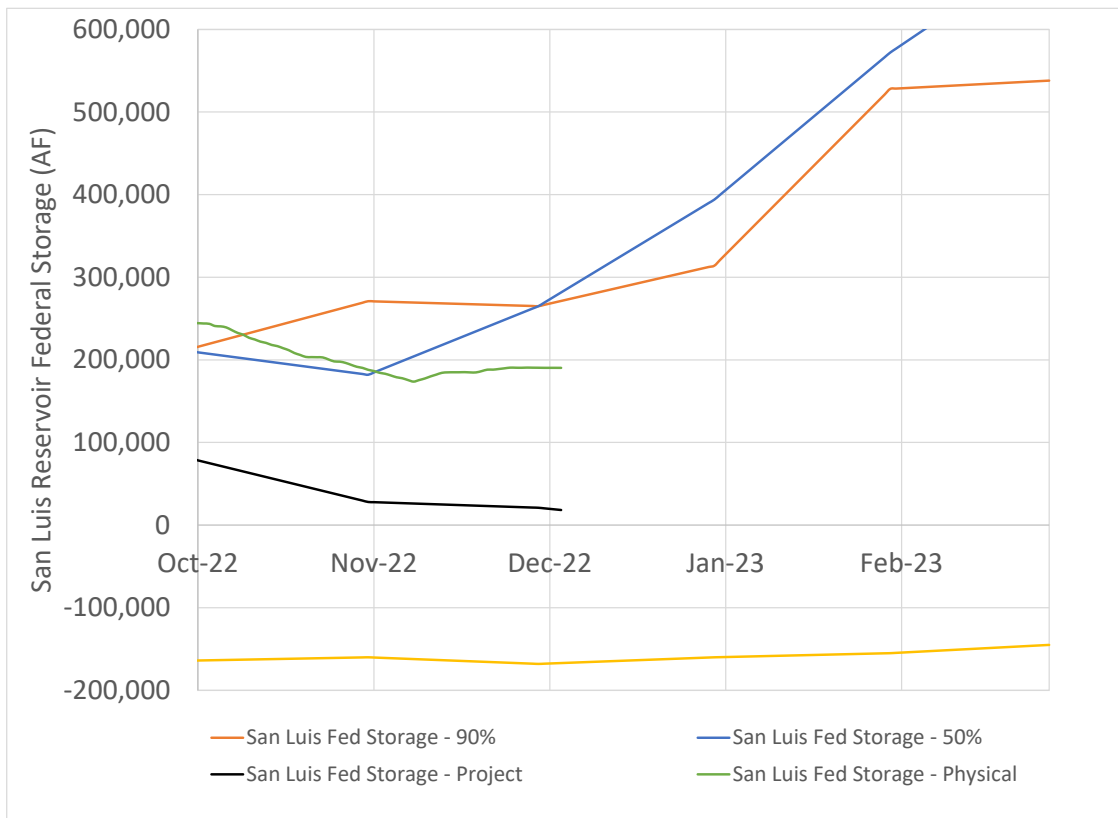


Figure 4. San Luis Federal Storage – September CVO Projection as Compared to Actuals

Exchange Contract

Total releases from Millerton Lake to meet Exchange Contractor demands exceeded 210 TAF in 2022, and it is not anticipated that additional releases will be required for the remainder of this year. An internal FWA projection was created to forecast the probability of an Exchange Contractor call on Friant in 2023. This projection uses a “position analysis”, which essentially creates a suite of system operations scenarios through the rest of WY 2023, each using a different hydrological input. This allows for the evaluation of the probability of certain actions or conditions occurring under this range of hydrology. **At this time, the position analysis suggests the probability of a call on Friant at approximately 10-20%.** Figure 5 shows the probability of exceedance under the position analysis for Exchange Contractor and SOD Refuge allocation, along with the probability of a SOD CVP Ag allocation.

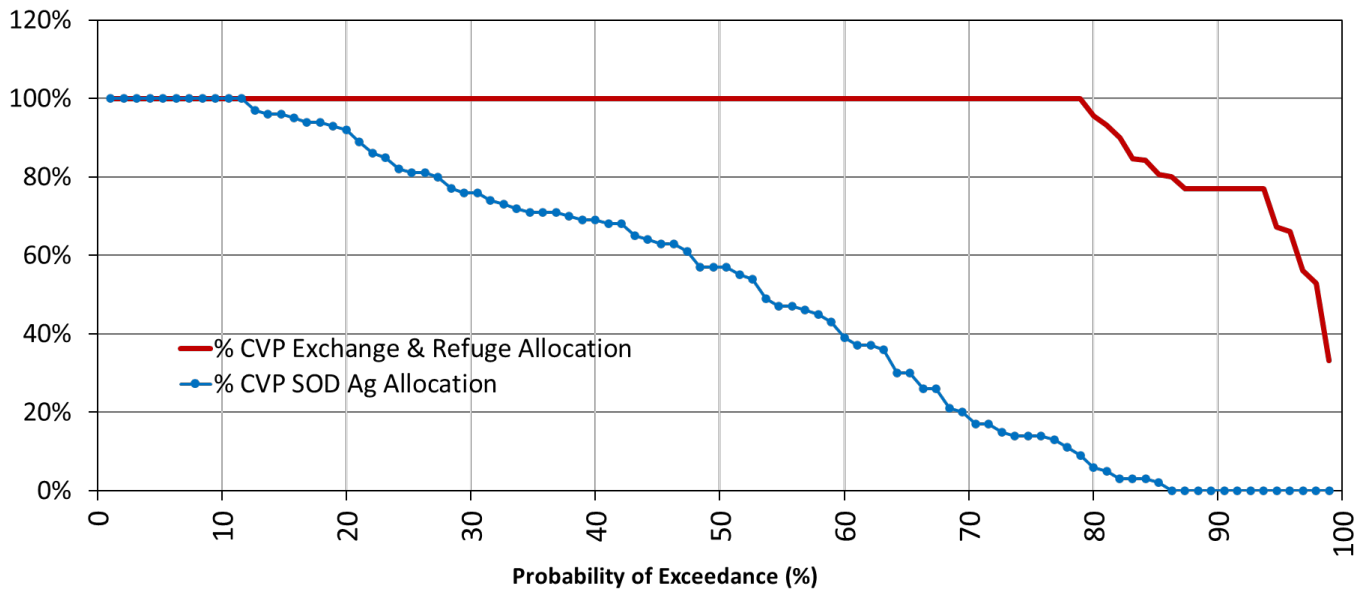


Figure 5. Current FWA Probability of 2023 Exchange Contractor, Refuge, and CVP SOD Ag Allocation

Friant Division

Millerton and Friant Allocation

The CVP Friant allocation for 2022 remains at 30% of Class 1 supplies (240 TAF). On November 18, SCCAO provided an updated 90% exceedance operations forecast. Figure 6 shows the Millerton Lake storage through February with this recent forecast, as compared to actuals to date. The projection assumes a 30% Class 1 available supply (240 TAF) on top of 37 TAF of carryover supply, and 101 TAF of URFs that were allocated in 2022. It also assumes a lower quartile fall/winter historical hydrology, which results in end of February storage around 237 TAF, of which 27 TAF is carryover of Class 1 supply. Millerton Lake storage has trended near or slightly below this forecast.

Recent December storms and natural river forecast is almost 3 times that of Reclamation’s 90% forecast. There remains significant storage upstream (over 400 TAF) that uncontrolled season is not a concern in the near-term. The current 50% NWS forecast is just above the mean for the Upper San Joaquin River at 1.9 MAF, which would fall right in the middle of a normal-wet year type. This forecast is almost identical to the forecast at this time last year and at which time we were preparing for a potential uncontrolled season until the storms shutoff for a historical worst January through March.

If the 50% forecast does occur, there will be concerns of water supply impacts due to constraints in the Middle Reach of the Friant-Kern Canal (1,450 cfs constraint below the Deer Creek Check). As discussed at the August Board meeting, a runoff above 1.3 MAF will likely cause a water supply impact compared to historical allocations and use patterns. The following actions FWA and contractors will need to occur to limit these impacts:

- Timely allocation announcement – FWA will continue to push for February 20 allocation and potential late 2022 allocation depending on remaining December and January storms, and Millerton forecast to avoid spill.
- Precise forecasting and scheduling – FWA will be deploying early January Airborne Snow Observatory (ASO) Flight which will recalibrate snow and runoff modeling by the end of January (see attached ASO flight plan for reference).
- Steady weekly operations – during canal prorate, contractors’ ability to steady week vs weekend operations will alleviate some water supply impacts
- Shifting supplies to earlier use of Millerton Lake supplies – to avoid spill and canal prorate, supplies should be shifted to earlier use. Shifting to later in the season will be difficult given the current 50% forecast.
- Transfers/exchanges with other contractors above the capacity constraint

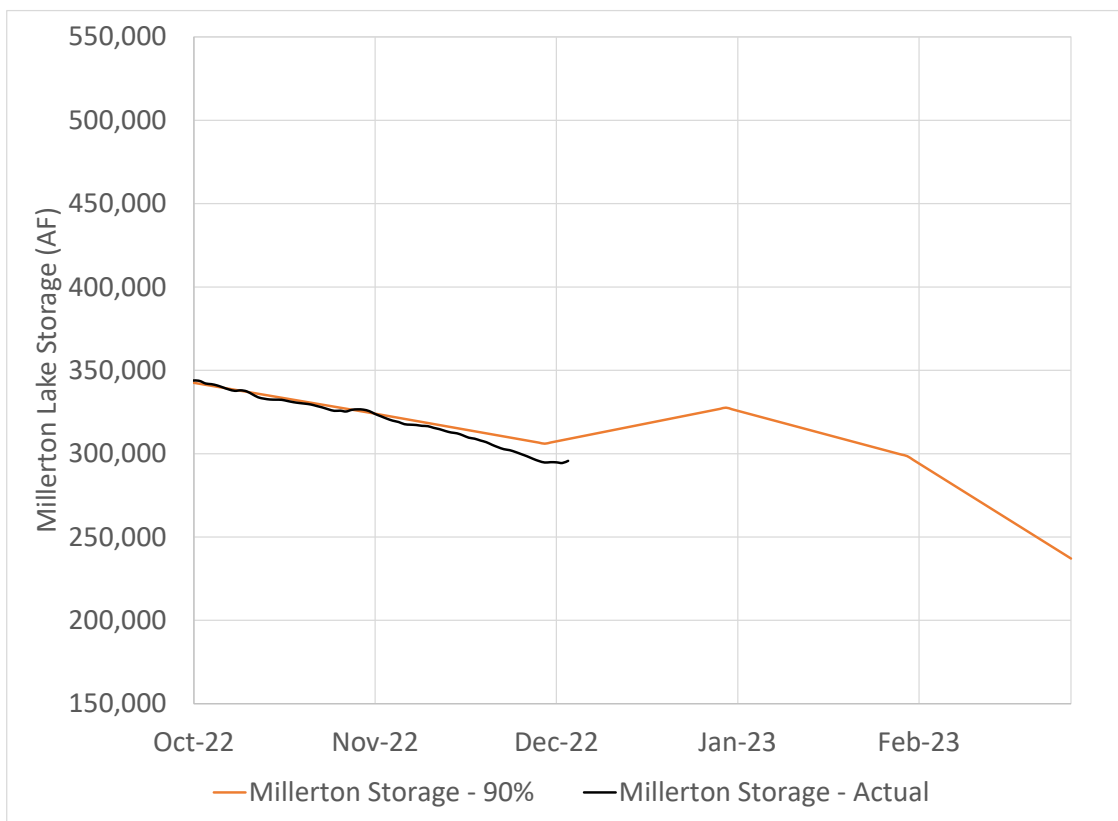


Figure 6. Millerton Lake Storage – September SCCAO Projection as Compared to Actuals

San Joaquin River Restoration Allocation

On May 13th, Reclamation notified the Restoration Administrator (RA) of the final allocation update for WY 2022/23 of 232,470 AF, as measured at Gravelly Ford. Restoration flows resumed on October 1 and re-connected with the Lower San Joaquin River on November 6th. On November 21, the RA submitted a revised release schedule through the end of February. The flow changes are expected to help with

temperature management and juvenile outmigration. As there was no volumetric change in the overall flow schedule, a water supply test was not necessary, and the schedule was approved by Reclamation. As of December 6, restoration flows at Gravelly Ford are currently approximately 450 cfs.

San Joaquin River Restoration Recapture

There has been minor recapture at Mendota Pool over the last week (approx. 100 AF) due to some higher-than-expected flows at Gravelly Ford that were caused in part by meter errors and in part by high precipitation runoff. The SWRCB issued an order approving the temporary transfer petition for recapture on November 7. Due to constraints at both PID and BCID, no recapture occurred in November. It is expected that BCID will begin recapture on or about December 12 at a rate of 90 cfs, while PID currently does not have any available pumping capacity, but may start in January. Maximum potential recapture is estimated to be 15 TAF.

Airborne Snow Observatory Survey Schedule Recommendations (Reclamation and FWA)

Survey	Target Date	Date Contingency	Rationale
#1) FWA Survey 3770 sq. km. elevation 5000'+	January 9 – 13	If storms or cloudiness occurs, survey could be moved to Jan 16-20 or as last resort Jan 23-27	With near-normal precipitation expected through December, there should be ample snow to justify a survey. Scheduling this early maximizes likelihood of having ASO data inform Feb 1 B120. Additionally, if precipitation tracks above normal Millerton Lake will likely have to execute flood management actions in Jan/Feb — Millerton is a small reservoir relative to its watershed and the rain-flood curves for Dec and Jan are quite conservative. Key water management decisions occur on Jan 20 and February 17. This flight would also calibrate models which will be relied upon for a long period of time.
#2) DWR Survey 3770 sq. km. elevation 5000'+	March 20-24	If storms or cloudiness occurs, survey could be delayed to March 27-31 . If precipitation tracks substantially above normal, survey would be <u>advanced</u> to as early as Feb 27-Mar 3 .	Assuming precipitation tracks near normal, primary purpose is to inform April 1 B120. Water management decisions since first ASO survey will rely upon modeling products. As precipitation increases, this survey should be advanced in time to as early as the March 1 B120 window; this is particularly important if there is uncertainty as to whether flood control actions will be necessary or can be delayed. This survey will also recalibrate models and flood control response.
#3) DWR Survey XXX sq. km. elevation 7000'+	April 24-28	If precipitation tracks substantially above normal, survey would be <u>advanced</u> to as early as Apr 17-21 .	Primary purpose is to inform May 1 B120, track runoff efficiency, recalibrate models, and inform reservoir peak storage under below-normal hydrology.
#4) DWR Survey XXX sq. km. elevation 8000'+	May 11-17	If precipitation tracks substantially above normal, survey would be <u>delayed</u> to as early as May 22-26 or May 29-Jun 2 .	Primary purpose is to track runoff efficiency, recalibrate models, inform reservoir peak storage under above-normal hydrology. Key water management decision on May 18 (less important under very wet conditions).
#5) Possible survey XXX sq. km. elevation 9000'+	June 12-30		Placeholder survey if additional funding is identified. Primary purpose is to track runoff efficiency under wet hydrology, manage flood releases, and manage cold water pool for salmon.

DATE: December 9, 2022

TO: Board of Directors

FROM: Ian Buck-Macleod, Water Resources Manager

SUBJECT: **Friant-Kern Canal Water Quality Guidelines**

SUMMARY:

In response to concerns regarding programs and projects on the Friant-Kern Canal (FKC) which could potentially introduce water of lesser quality, as compared to historic Millerton Lake water quality, FWA is working with Friant Contractors and Reclamation to implement a revised FKC Water Quality Guidelines (Guidelines). The Guidelines are paramount to resolving concerns on current projects, and completion of the environmental compliance documents for the Long-Term Recapture and Recirculation of Restoration Flows Project for the San Joaquin River Restoration Program, as well as the FKC Reverse Pump-Back Project. On December 6, FWA released a Notice of Preparation announcing its intent to prepare an environmental impact report (EIR) for the proposed Guidelines.

BACKGROUND:

The FKC Water Quality Ad Hoc Committee (Ad Hoc Committee) has been working together for 4 years to update Reclamation's current FKC WQ Guidelines. On March 3, the FKC WQ Ad Hoc Committee reviewed and unanimously approved for submission to Reclamation for its review and to continue moving the Guidelines forward for final consideration. The Guidelines include water quality mitigation, monitoring, forecasting, and threshold management.

Reclamation has indicated it will not directly adopt the updated Guidelines, but will consider permitting FWA to implement the Guidelines in a manner that is binding on all parties that desire to introduce non-Millerton water into the FKC. Reclamation's suggestion has been that Friant Contractors develop an agreement to voluntarily enact the Guidelines. In late May, FWA staff provided the current Draft Guidelines and Cooperative Agreement to Friant Division managers, which are intended to apply to all existing and future pump-in programs. This was not a request for formal approval nor a binding commitment as we anticipate both documents will continue to be refined with the Ad Hoc Committee, Reclamation, and environmental compliance.

CURRENT STATUS:

Friant and non-Friant Contractors are continuing to review the Draft Guidelines and Cooperative Agreement, and FWA has received overall positive feedback from most contractors. We continue to coordinate with Reclamation, and received and incorporated comments on both documents, and are awaiting final Management review.

FWA recently met with the Ad Hoc Committee Small Group to discuss sodium threshold, cost allocation, and mitigation ledger implementation. Small Group meetings will continue monthly through implementation.

On December 6, FWA released a Notice of Preparation (NOP) announcing its intent to prepare an EIR for the proposed Guidelines. FWA, the Lead Agency under the California Environmental Quality Act (CEQA), invites agencies and the public to provide input on the potential scope and content of the EIR. Comments will be accepted until 5 PM on Monday, January 9, 2023. The NOP contains additional details and comment submission information and is available at https://friantwater.org/s/Friant_WQ_Guidelines_NOP_120622.pdf. A virtual public meeting will be held during the 30-day NOP review period to solicit comments on the scope and content of the EIR. The meeting will be held at 3:00 p.m. on Tuesday, December 13, 2022 via the Zoom (link in NOP).

It is anticipated a Public Draft EIR will be released for review in April 2022, and Final EIR in July 2022, depending on public review and comments. Relatedly, FWA has been coordinating with Reclamation on a Letter of Agreement to support Reclamation staff in developing environmental compliance consistent with National Environmental Policy Act (NEPA) as well as administrative activities specific to the Guidelines. After certification of the Final EIR and Reclamation's completion of NEPA compliance, FWA and contractors will be able to sign the Cooperative Agreement and implement the Guidelines.

AGENDA REPORT

NO. 4.D

DATE: December 9, 2022

TO: Board of Directors

FROM: Alex Biering, Government Affairs and Communications Manager
Johnny Amaral, Chief of External Affairs

SUBJECT: External Affairs Update

SUMMARY:

Update on State and Federal affairs and communications activities.

RECOMMENDED ACTION:

None; informational only.

SUGGESTED MOTION:

None; informational only.

DISCUSSION:

State Affairs

New Members

The California State Legislature officially swore in over 30 new members on December 5. At the same time, two election races were too close to call so nobody was sworn into the following two seats, including one that is especially close to us:

- Open Assembly District 47 (Palm Springs-based seat): As of December 6, Greg Wallis (R) is beating Christy Holstege (D) by 39 votes.
- Senate District 16 (Kern County-based): As of December 6, Senator Melissa Hurtado (D-Incumbent) is leading after the last vote update by 12 votes over David Shepard (R).

December 8 is the last day to certify elections in California; on that day, the vote counting/“culling” will stop and the candidate with the lead will be certified. In general, the Legislature continues to skew younger and more progressive in its membership.

Leadership

Both the current Legislative leaders, Assembly Speaker Anthony Rendon (LA/Lakewood) and Senate Pro Tem Toni Atkins (San Diego), will continue as leaders of their respective chambers into the new session. However, both will be relinquishing their positions in 2023, most likely.

Speaker Rendon has already brokered a transition and will remain Speaker until June 30, 2023, which allows him to negotiate one final budget as Speaker. He terms out of the Legislature in 2024. The Speaker-Designate who will assume the role of Speaker on July 1 is Assemblyman Robert Rivas. Assemblyman Rivas is from Salinas and is considered a moderate Democrat. It is unusual for an Assembly Speaker to historically not be from LA or San Francisco so it will be an interesting transition to Speaker to watch. FWA has maintained good relations with Assemblyman Rivas and it could be expected that we would have better staff under him to work with on environmental issues.

Pro Tem Atkins will organize her transition as well but it will likely be more coordinated and collegial, which is how the Senate traditionally does things. Candidates rumored to be the next Pro Tem are Senator John Laird (D, Santa Cruz) who was budget chair in the Assembly (2004-2010) and Natural Resources Secretary for Governor Brown (2011-2018), Senator Mike McGuire (D, Healdsburg and North Coast) who is the current Majority Leader in the Senate, and Senator Maria Elena Durazo (Central/East Los Angeles), who is very progressive and farm worker/labor focused.

Budget/Economic Forecast

Currently, the Department of Finance is projecting that California will have a \$25 billion deficit in 2023. It is important to point out that we were projected to have a smaller deficit in 2022 and we ended up having record surpluses. However, it seems generally agreed that this year's deficit is real and the Governor and the Legislature are resigned to a tough budget season; the factors they cite are the current recession, high inflation, goods movement issues and many other negative impacts on the economy. This potentially creates a tough year to seek additional funding for the Friant-Kern Canal and other infrastructure projects, but FWA will continue monitoring opportunities.

Federal Affairs

NDAA Delayed Due to Negotiations Over Manchin Permitting Provisions

According to media reports, Democratic leaders have been negotiating adding permitting reform provisions developed by Sen. Joe Manchin (D-WV) into the 2023 National Defense Authorization Act (NDAA), delaying the release of the must-pass legislation over the weekend. Previously, NDAA negotiators were set to release their compromise \$847 billion bill on Friday, but over the past several months, had initially resisted including the controversial permitting provisions to ensure quick passage for the defense authorizing bill.

Sen. Manchin floated a draft bill this past summer that would have approved West Virginia's Mountain Valley natural gas pipeline and created a White House priority list of projects. The permitting provisions being discussed to add to the NDAA are expected to build on the Manchin draft, which was essentially promised to him for his support of the Inflation Reduction Act that passed earlier this year. Both conservative Republicans and progressive Democrats opposed the bill, arguing the reforms proposed in the draft were either not enough or too much.

The House is set to take up their version of the NDAA this week, but it is uncertain which provisions from the original bills will be included in the compromise version. However, the compromise NDAA is set to be considered as an amendment to H.R. 7776, the Water Resources Development Act (WRDA) already passed by the House and Senate so the chambers can give the bill speedy consideration in lieu of an official conference report and virtually assuring that the water provisions authorizing planning and

construction of new Army Corps of Engineer projects that were originally included in the Senate NDAA would remain part of any final compromise version.

FY 2023 Spending Bills Remain in Flux as Deadline Nears

House and Senate appropriators and leaders will need to agree on an omnibus spending bill or an extension of the continuing resolution (CR) funding the government to avert a government shutdown before federal funding runs out on December 16. The closer we get to that date the more certain it is that Congress will need to pass a short extension of the current CR closer to Christmas to allow appropriators more time to develop an omnibus bill. Negotiators have not yet agreed on top-line numbers but are continuing discussions over balancing non-defense and defense spending for the fiscal year. But it remains to be seen if enough Republicans will agree to a spending deal this Congress or try to punt any final legislation into the new Congress when the GOP will control the House, albeit by only a tiny margin.

Senate Democrats to Hold Leadership Elections Thursday

Senate Majority Leader Chuck Schumer (D-NY) plans to nominate Sen. Patty Murray (D-WA) as the next Senate President Pro Tempore, replacing Sen. Patrick Leahy (D-VT) who is retiring. The largely ceremonial role would place her third in line for the presidency after the Vice President and the Speaker of the House but before the Secretary of State. All other Senate Democratic leadership incumbents are likely to stay in their current positions including Majority Leader Schumer and Majority Whip Richard Durbin (D-IL).

EPA Proposes Rule Closing PFAS Loophole

The Environmental Protection Agency (EPA) has released a proposed rule setting new industrial PFAS reporting requirements that would close a so-called "loophole" for per- and polyfluoroalkyl substances (PFAS) monitored through the Toxics Release Inventory (TRI). The proposal would require industrial facilities to report "forever chemical" releases at much lower thresholds and concentrations, which would be a big win for environmental advocates with possibly significant implications for business groups.

Under the new rule, PFAS would be added to a list of special chemicals of concern, mandating that companies notify EPA when they exceed very low release thresholds of 0.1 grams up to 100 pounds. The TRI currently requires that companies report their releases of various chemicals of concern to the government, helping regulators to keep tabs on potential risks to people and the environment. There are currently 180 PFAS monitored through the inventory due to provisions within the fiscal 2020 National Defense Authorization Act (NDAA), which set a threshold of 100 pounds.

But environmental advocates have repeatedly raised concerns about how the Trump Administration handled the final rule-setting PFAS reporting. The Trump EPA gave the chemicals a "de minimis" allowance, exempting industries from reporting amounts less than 1 percent of a total mixture. The Biden EPA proposed rule plans to remove this "de minimis" exemption.

As for regulating PFAS, the EPA has only three weeks left to release its new drinking water standards for two chemicals, PFOA and PFOS, in one of its most anticipated regulatory actions over two members of the family of "forever chemicals". And in Congress, the bipartisan "Preventing PFAS Runoff at Airports Act" (S. 3662 and H.R. 4954) cleared the House last week after already garnering bipartisan support in the Senate. The legislation would direct the Department of Homeland Security to offer guidance to airport firefighters regarding training and ways to reduce exposure to the chemicals used in firefighting foams. Meanwhile, the fate of the House-passed "PFAS Action Act" (H.R. 2467), sponsored by Rep. Debbie Dingell (D-MI) and

that includes by far the most significant crackdown on the chemicals to be introduced in Congress remains in limbo in the Senate, with its fate in the 118th Congress uncertain. When Congress returns to Washington for the lame-duck session after the midterm elections in November, lawmakers are expected to consider billions of additional dollars in disaster spending requests due to several weather-related disasters in recent months. Congress passed a temporary continuing resolution (CR) in September to fund the government past the end of the fiscal year through December 16. The CR included \$18.8 billion in hurricane relief for FEMA to tap into now, but Sen. Marco Rubio (R-FL) recently released his request for \$33 billion in additional aid to Florida after Hurricane Ian devastated that state. Separately, House Natural Resources Chair Raúl Grijalva (D-AZ) is requesting disaster help for Puerto Rico in the wake of Hurricane Fiona.

External Affairs Activities

- ACWA Fall Conference (Nov. 29-Dec. 1)
 - Regions 6/7 Board Meeting (Johnny Amaral, Chair)
 - Regions 6/7 Issues Forum Panel on the Legal Landscape of SGMA (Alex Biering, Moderator; Aaron Fukuda, Panelist)
 - Ag. Committee Meeting (Alex Biering, Co-chair)
- News Release: Environmental Review Process Begins for Friant-Kern Canal Draft Water Quality Guidelines (Dec. 6, 2022)

BUDGET IMPACT:

None.

ATTACHMENTS:

Family Farm Alliance Executive Director's Report for December 2022; TFG Legislative Tracker for December 2022; FWA News Release on Friant-Kern Canal Water Quality Guidelines (Dec. 6, 2022)



MEMORANDUM

TO: BOARD OF DIRECTORS AND ADVISORY COMMITTEE
FROM: DAN KEPPEL, EXECUTIVE DIRECTOR
SUBJECT: EXECUTIVE DIRECTOR'S REPORT
DATE: DECEMBER 5, 2022
CC: MARK LIMBAUGH, JOSH ROLPH, NORM SEMANKO, JANE TOWNSEND

This executive director's report (EDR) is intended to keep you apprised as to what is happening behind the scenes on policy issues the Alliance is engaged in, some of which we will discuss at our next joint ZOOM meeting of the Board of Directors and Advisory Committee, scheduled for next **Friday, December 9, 2022 at 12:00 p.m. (Pacific Time); 1:00 p.m. (Mountain Time, including Arizona); 2:00 p.m. (Central Time); 3:00 p.m. (Eastern Time).**

In the past month, much of our efforts have focused on planning for our 2023 annual conference, trekking water legislation with Senate committee staff, preparing two white papers on the importance of alfalfa production in the West, and expanding public outreach associated with global food insecurity and the importance of Western irrigated agriculture. These issues and other matters important to our members are further discussed in this EDR. This report is intended for your use, but I understand that you may wish to share this information with your local board members and close associates. I would ask that you be circumspect when you distribute this, however.

THE 2022 MIDTERM ELECTIONS

Republicans on election day secured a majority in the House of Representatives, and Democrats maintained control in the Senate. In the House, Republicans will carry a slim majority –a 222 Republicans to 213 Democrats final tally. The 50-seat majority for Senate Democrats could grow as high as 51-49 after the Georgia runoff between incumbent Senator Raphael Warnock (D-GA) and his Republican challenger Hershel Walker on December 6th. A runoff win by Republicans would ensure that Vice President Harris continues to serve as the Senate's tie breaking vote.

Many pundits and lawmakers expected a healthy Republican majority in the House and a majority in the Senate in what some were anticipating as a “red wave.” Looking at national results, many political observers believe the likely factors that largely kept Democrats in power were voter turnout efforts, the lingering effects of the US Supreme Court’s *Dobbs* decision, and the quality of the candidates. Unaffiliated voters who were also concerned with crime and inflation ultimately didn't choose Republican candidates in the numbers that were anticipated. Environmentalists are touting their successful organizing and outreach strategy that brought “climate voters” to the polls in record numbers to help achieve key Democratic victories in the 2022 midterms and limit GOP gains. Some argue that their successes could help bolster ongoing and future advocacy on climate and environmental policy matters. Of note, the 2022 midterms saw \$16.7 billion in federal and state spending, setting a record for a midterm cycle.

BIDEN ADMINISTRATION

1. White House Council on Environmental Quality (CEQ)

a. CEQ Releases ‘Version 1.0’ of Controversial *Justice40* Mapping Tool

CEQ has released the first formal version of its Climate & Economic Justice Screening Tool (CEJST), which increases the number of communities eligible for funding under the Biden Administration’s *Justice40* initiative to 27,251, nearly 4,000 over a beta version of the mapping tool. The November 22 release of [CEJST “Version 1.0”](#) means that federal agencies may now use it to identify disadvantaged communities eligible for *Justice40* dollars, including under the bipartisan infrastructure law and Inflation Reduction Act. *Justice40* aims to ensure overburdened and underserved areas reap at least 40 percent of the benefits of federal infrastructure investments, including remediation and reduction of legacy pollution, the development of drinking water and wastewater infrastructure, and resources to fund clean energy and climate change strategies.

b. CEQ Plans for January 2023 Release of Phase 2 NEPA Rule

CEQ has announced that it intends to issue its highly anticipated Phase 2 National Environmental Policy Act (NEPA) implementing rule for public review and comment in January 2023. Phase 2 of the rule is anticipated to address some of the more-difficult NEPA-related issues the Biden Administration left out of their Phase 1 NEPA rule. The Phase 2 rule was originally planned to be released last August but was delayed by interim developments, such as the enactment of the Inflation Reduction Act which provides billions in climate change funding and, as such, impacts the proposed rule. The proposed rule must also go through the prepublication interagency review process, which can take up to 90 days. Litigation over the Trump Administration’s NEPA rule, *Iowa Citizens for Community Improvement, et al. v. CEQ, et al.*, has been stayed but is still pending in the U.S. District Court for the District of Columbia. The Biden CEQ has asked the court to continue to hold the case in abeyance through February in order that their rulemaking replacing the Trump NEPA rule can run its course. The Family Farm Alliance will continue to transmit formal comments to CEQ as this rulemaking proceeds.

2. U.S. Department of Agriculture (USDA)

a. USDA Farmers Survey

USDA is conducting a nationwide anonymous survey, which is due January 31, 2023. It takes about 10 minutes to complete, and can be found at www.farmers.gov/survey. [Linked here](#) is a stakeholder's toolkit with a draft email message, newsletter article, social media posts, and a poster to help you easily share the survey. The USDA's Farm Production and Conservation (FPAC) mission area, which includes the program agencies of Farm Service Agency, Natural Resources Conservation Service and Risk Management Agency, works to support agriculture by helping farmers, ranchers and forest managers leverage natural resources and mitigate the significant risks of farming through crop insurance, conservation programs, farm safety net programs, lending and disaster programs. From helping farmers recover after natural disasters and market fluctuations, to providing financial and technical assistance to improve operations through voluntary conservation,

b. USDA Requests Public Input on Implementation of IRA Funding

USDA is asking for public input through a Federal Register request for information on implementation of more than \$19 billion provided by the Inflation Reduction Act (IRA). The Natural Resources Conservation Service (NRCS) will use the investments provided through IRA-funded conservation programs to support farmers and ranchers in adopting and expanding climate-smart activities and systems. NRCS is requesting comments on how to target program benefits, quantify impact, and improve program delivery and outreach, especially for underserved producers. The IRA directs USDA funding to support agricultural practices of enhancements that directly improve soil carbon, reduce nitrogen losses, or reduce, capture, avoid or sequester greenhouse gases (GHGs) associated with agricultural production. The controlling language of the law applies to the Environmental Quality Incentives Program, Conservation Stewardship Program, Regional Conservation Partnership Program and easement programs funding.

The Family Farm Alliance is working to address the concerns of some Western producers that the carbon-centric priority of the IRA program does not endanger projects that also address broader matters. Climate mitigation should not just focus on carbon and assume that planting more carbon-sequestering trees will solve the problem. Projects that help producers and water managers adapt to the impacts of climate change must also be encouraged. Efforts to control invasive species like tamarisk, juniper, and salt cedar are important and should not be seen as being somehow bad, simply because carbon-capturing vegetation is being removed. Deliberate and sensitive removal of invasives prevent much more serious GHG emissions from being generated via fires tearing through unhealthy forests in the future. A recent University of Chicago study found that California wildfire emissions in 2020 essentially negated 18 years of reductions in GHG emissions from other sectors in the state by a factor of two. This comment process might be a good opportunity to get policy makers to look at this issue in a more nuanced way.

There are also indications that Republicans in control of the House Agriculture Committee will likely look to repurpose some of the \$20 billion IRA dollars towards USDA’s conservation programs if it’s possible. NRCS will consider comments received by December 21, 2022. Please go to <http://www.regulations.gov>, search for Docket ID: NRCS-2022-0015 and follow the online instructions for submitting comments.

3. USDA Forest Service: Actions on Hazardous Fuels Reduction, Watershed Health

Increasingly fierce Western wildfire disasters are becoming an annual occurrence and underscore the importance of improving on-the-ground vegetation management actions that can lead to improved forest health. Improving the condition of the West’s forested lands is of primary importance to water providers. National Forest lands are overwhelmingly the largest, single source of water in the U.S. and, in most regions of the West, contributing nearly all the water that supplies our farms and cities. The Biden Administration in the past month announced several actions intended to reduce wildfire and protect watersheds on federal forests and grasslands.

a. Importance of Federal Lands to Western Water Supplies

In September, the U.S. Forest Service (USFS) published a paper quantifying surface water supplies that originate on USFS forests and grasslands, sometimes transported to big cities through inter-basin transfers. The USFS used a Water Supply Stress Index model to provide data that was linked with Environmental Protection Agency surface drinking water intake information and a new database of inter-basin transfers compiled for this study. In the West, USFS lands comprised 19.2% of the land area, but contributed 46.3% of the surface water supply, the study showed.

b. Interactive Map Showcases Wildfire Reduction Projects

USFS last month launched a new interactive map showing the progress the agency and its partners have made in addressing the wildfire crisis in eight western states as part of the Forest Service’s 10-year wildfire crisis strategy. This “story map” gives users the opportunity to see the impact of the investments from the Infrastructure Investment and Jobs Act (IIJA) - signed into law by President Biden just over one year ago - across 10 initial landscapes in Washington, Oregon, California, Idaho, Montana, Colorado, New Mexico and Arizona. This online story map is designed to be easy to use and is continually updated to show the progress of wildfire reduction efforts on national forests and grasslands as well as other federally managed, state, and private lands. Individual landscape maps allow users to interactively identify national forests, Congressional Districts, active partners, landscape boundaries and “firesheds,” or areas where wildfire is likely to pose the greatest risk to communities and resources.

Since it was first announced earlier this year, USFS and its partners have identified the highest risk landscapes for treatment projects as part of the 10-year wildfire crisis strategy. USFS found that around 80% of the wildfire risk to communities is concentrated in fewer than 10% of firesheds.

These initial investments focus on firesheds of the highest risk, where projects are ready to begin or to expand. The first-year investments are a part of the strategy to reduce the exposure of communities and infrastructure to the risk of catastrophic wildfire. Each year the Forest Service will plan and implement more work as part of the 10-year strategy as funding allows, continuing to reduce the risks of extreme wildfire for communities in these vulnerable areas.

c. Grants Available to Protect Water, Increase Wood Processing Capacity

USFS last month also announced \$20.5 million in grants to help states or federally recognized tribes establish temporary bridge programs to protect water resources during forest-related operations and to assist wood processing facility owners to establish, reopen, retrofit, or expand. The grants are focused on sawmills or other wood processing facilities that purchase and process byproducts from forest restoration activities in areas of severe fire risk and insect or disease infestation. The funds, made available by the IJJA, support the U.S. Department of Agriculture's efforts to ensure tribes and historically marginalized or underserved communities receive equal access and opportunities to funding and programs, and to support community efforts vital to forest health. The \$20.5 million being committing in fiscal year 2022 includes:

- \$12.5 million targeted as financial assistance for owners of facilities that purchase and process byproducts from forest restoration projects including thinning, wildfire resilience activities and habitat management.
- \$8 million is available to states and tribes to support the establishment of temporary bridge rental, loan or cost-share programs to protect water resources and reduce water quality degradation during forest-related operations. The funding is to help states and tribes create a program that provides portable skidder bridges, bridge mats or other temporary water crossing structures to loggers and others working in forest areas.

As an example, in 2022, the San Carlos Apache Tribe (ARIZONA) was awarded \$1 million as part of the Forest Service Community Wood Energy and Wood Innovations grant program to purchase a lumber dry kiln and planing mill. The funding will help the Tribe improve forest management while providing significant employment opportunities for tribal members. More information about these funding opportunities is available at the Forest Service website and on [Grants.gov](https://www.fs.fed.us/grants).

d. USFS, TU Invest \$40 Million to Restore Watersheds

USFS last month announced it would provide up to \$40 million to Trout Unlimited (TU) as part of a five-year agreement to improve watersheds on national forests and grasslands – home to many of America's most important trout and salmon species. Projects include clean-up of abandoned mines and removing barriers to improve fish passage, as well as stream habitat improvements. Made possible by the IJJA, this five-year National Watershed and Aquatic Restoration Initiative aims to increase the pace and scale of watershed restoration on national forests and grasslands, with priority given to projects that use local employees and contractors to improve water quality

in underserved communities and on Tribal lands.

TU is the nation's oldest and largest cold-water fisheries conservation organization dedicated to caring for and recovering America's rivers and streams. TU and the Family Farm Alliance helped co-found the Western Agriculture and Conservation Coalition over a decade ago, a coalition that has helped inject a stronger Western flavor into recent Farm Bill conservation programs. Over the coming years, TU will use the funding from this agreement to work alongside partners to protect and restore these waters to improve fish population diversity, resilience and productivity.

4. EPA: Water Quality Regulatory Revisions to Protect Tribal Reserved Rights

EPA is proposing to require states to set water quality standards for rivers, streams and lakes that take into account tribal treaty rights for hunting, fishing and other activities that depend on those resources. The [proposed rule](#) was unveiled last Wednesday during the 2022 White House Tribal Nations Summit. The proposed rule would require states to ensure that water quality standards that are set protect rights laid out or implied in treaties. That includes ensuring that fish, wild rice and other animals and plants important for tribes don't contain contaminants that pose excessive health risks. It would apply not just to waters in tribal areas, since some tribes have rights to hunting and gathering outside of the limits of their reservations, and activities beyond their borders can impact their resources. It would not apply to tribes' water quantity rights (*Winters* rights), according to the proposal. We will probably want to comment on this; I've already been approached by some of our members who are interested in working on a broad-based comment effort.

5. EPA: Early Pesticides Protections for Endangered Species

Last month, the U.S. Environmental Protection Agency (EPA) released an [Endangered Species Act \(ESA\) Workplan Update](#) that outlines major steps to increase protections for wildlife and regulatory certainty for pesticide users. The Workplan Update details how EPA will pursue protections for nontarget species, including federally listed endangered and threatened (i.e., listed) species, earlier in the process for pesticide registration review and other Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) actions. These early protections will help EPA comply with the ESA, thus reducing EPA's legal vulnerability, providing farmers with more predictable access to pesticides, and simplifying the ESA-FIFRA process that, left unchanged, creates both significant litigation risk and a workload far exceeding what EPA has the resources to handle.

Elsewhere, more than 300 agricultural, environmental, and other stakeholder groups last month encouraged Congress to reaffirm federal authority over pesticide products. The coalition notes that the statute governing pesticides, FIFRA is not being fully enforced. In a letter to congressional leaders, the 332 organizations point out that states are overstepping the bounds of FIFRA labeling parameters.

DEVELOPMENTS IN CONGRESS

After a month-long recess and the November 8th midterm elections, Congress returned to

Washington last month for a two-month sprint to bring the 117th Congress to a close. In the lame duck session for the remainder of 2022, Congress will consider two must-pass bills: 1) the FY 2023 omnibus spending package; and 2) the National Defense Authorization Act (NDAA). These two bills will receive the majority of attention from Congress, and lawmakers will use the bills to pass other legislative items, including the Water Resources Development Act (WRDA), emergency supplemental provisions, and tax extenders for expiring or expired provisions. The Senate on November 29 passed legislation to enshrine protections for same-sex marriage in federal law, sending the measure back to the House. The upper chamber will then shift back to the annual defense authorization package, a must-pass bill with significant bipartisan, bicameral support. Items not expected to see congressional action in the lame duck session are energy permitting reform and the debt ceiling.

Republicans on election day secured a majority in the House of Representatives, and Democrats maintained control in the Senate. In the House, Republicans will carry a 9-vote slim majority. The 50-seat majority for Senate Democrats could grow as high as 51-49 after the Georgia runoff between incumbent Senator Raphael Warnock (D-GA) and his Republican challenger Hershel Walker on December 6th. A runoff win by Republicans would ensure that Vice President Kamala Harris continues to serve as the Senate's tie breaking vote.

6. The 118th Congress: Senate

In the Senate, Democrats retain the majority in the 118th Congress. Senate Democrats will vote on leadership on December 8, with Senate Majority Leader Chuck Schumer (D-NY) to continue to lead the party. The Georgia runoff will determine whether the Democrat margin will be either the current 50-50 tie, with Vice President Harris breaking any tie votes for the Democrats, or a 51-49 majority, which would result in rebalancing committee assignments in favor of Senate Democrats. Senate Republicans held leadership elections last month, where Minority Leader Mitch McConnell (R-KY) won a secret ballot vote over challenger Rick Scott (R-FL) on a 37-10-1 vote. Western Senators John Thune (R- SOUTH DAKOTA) and John Barrasso (R-WYOMING) won third and final terms in their current roles as Minority Whip and Conference Chair, respectively. Montana Republican Senator Steve Daines replaces Senator Rick Scott to oversee the party's efforts to win control of the Senate in 2024.

7. The 118th Congress: House of Representatives

Meanwhile, with the House now in slim GOP control for the 118th Congress, the House GOP Caucus re-elected Rep. Kevin McCarthy (R-CALIFORNIA) their choice to gain the House Speaker's gavel beginning in January 2023. Rep. McCarthy beat opponent Rep. Andy Biggs (R-ARIZONA), who put himself forward as the conservative alternative. Rep. McCarthy must now win a majority vote of the entire House in January to be elected Speaker. House Republicans last Wednesday against a proposed earmark ban during a conference rules meeting, a vote that held larger implications as House Minority Leader McCarthy seeks to become speaker. The conference voted 52-158 against an amendment proposed by Rep. Tom McClintock (R-CALIFORNIA), that

would get rid of the current conference rule allowing members to earmark spending bills if they meet certain transparency criteria (*Roll Call*).

House Democrats met last week to elect their leaders for the next Congress. Reps. Hakeem Jeffries of New York, Katherine Clark of Massachusetts and Pete Aguilar of California secured the top three positions of minority leader, minority whip, and caucus chair, respectively. Senate Dems are said to be holding their leadership elections this week. Current Speaker Nancy Pelosi (D-CALIFORNIA) will not run for the party's top leadership spot in the 118th Congress.

The Republican party is sure to use control in the House as a check to President Biden, congressional Democrats, and their legislative agenda over the next two years. Incoming House Natural Resources Chairman Bruce Westerman (Ark.) outlined his priorities for a Republican-majority committee on a call with reporters last week, identifying potential areas of bipartisan agreement but saying he did not believe climate change to be the House panel's sole charge (*The Hill*). With little chance of legislative compromise on major initiatives under the GOP-controlled House, the White House will be forced to rely on federal agencies to advance much of President Biden's priorities over the next two years, pushing to enact major regulations and develop new ones during his remaining time in office.

8. "Must Pass" NDAA and Spending Bills on Menu

Congress returned from the Thanksgiving holiday for the last month-long dash to address several legislative priorities and two must-pass bills: the fiscal year (FY) 2023 government spending package and the NDAA. The federal government is currently funded through December 16 and Congress has yet to settle on topline spending numbers. Additionally, the White House requested \$37.7 billion in funding for Ukraine, \$10 billion for Covid relief, and funding for hurricane and other natural disaster relief. Republican support for funding to Ukraine and COVID wanes as calls for spending accountability grow.

Mark Limbaugh says leadership is mulling a week-long extension to December 23, providing additional time for negotiations centering around top-line spending numbers. The extension would occur through a one-week continuing resolution (CR) and, hopefully, end with an omnibus spending bill. Currently, there is no agreement on funding levels and several policy riders. In addition, the Senate's process for passage will take multiple days, given the need for bipartisan support. Senate Minority Leader Mitch McConnell (R-KY) will prove critical to negotiations, deciding whether to clear 10 Republican votes to break a filibuster on an omnibus package. Many believe the potential, while still slim, is growing for a year-long CR, which would fund the government at prior fiscal year funding. Several leaders outside of Congress have called for an omnibus spending package in lieu of a CR. Congressional leaders last week signaled that talks on reaching a long-term agreement to fund the government remained difficult ahead of a mid-December deadline, following a meeting with President Biden at the White House (*The Wall Street Journal*).

The House Armed Services Committee Chair and Ranking member predict a final version of the NDAA bill could be ready for a vote this week. Added to the Senate's \$847 billion NDAA bill is the WRDA bill, which would provide the Army Corps of Engineers authorization to carry out activities concerning water resources development projects, ecosystem restoration, water supply and wastewater infrastructure, and other projects.

9. Permitting Reform on the Backburner

One priority not receiving lame-duck consideration is permitting reform. Advocates in the fossil fuel and clean energy industries are eyeing the divided government as a chance to rekindle interest in a bipartisan permitting overhaul (*E&E Daily*). Senator Joe Manchin (D-WV) had hoped to resurrect the stalled bill in Congress' upcoming lame duck period, either as an amendment to the pending defense authorization bill or as an inclusion on the must-pass government spending package. So far, we are hearing that the Manchin permit reforms are not included in negotiations on the bill, since many Republicans and Democrats continue to be opposed to the reforms. We do believe, however, that some type of environmental permitting reform for infrastructure projects will be a high priority in the 118th Congress.

10. Senate ENR Committee Hearing on Energy, Drought, and Resource Bills

The Senate Energy and Natural Resources (ENR) Committee last Thursday held a legislative hearing to consider several bills on the Strategic Petroleum Reserve, domestic mining, nuclear energy, hydrogen infrastructure and drought. As for water resources, the Committee took up [S. 4579](#), the "*Colorado River Basin Conservation Act*," from Sen. John Hickenlooper (D-COLORADO) and Sen. John Barrasso (R-WYOMING) to reauthorize the System Conservation Pilot Program aimed at shoring up water levels in lakes Mead and Powell. Also on the docket is [S. 4542](#), from Sen. Michael Bennet (D-COLORADO), to establish the Dolores River National Conservation Area and the Dolores River Special Management Area. Western Senators are working on a package of non-controversial water bills that may move in the lame duck. We're also working with ENR staff to see if there is a way to make the OpenET legislation a bit more manageable and palatable. There are other ag organizations who may flatly oppose this bill.

11. 2023 Farm Bill

Democrats remaining in charge in the Senate after the election clears the way for Senator Debbie Stabenow (D-Mich.) to again chair the Senate Ag Committee if she wants it. She would then have the power to control the committee schedule and what it works on — more important in the near future as the farm bill is due. Senator John Boozman (R-Ark.) is expected to remain the committee's ranking member. He and Senator Stabenow have a good working relationship. The farm bill will still have to be bipartisan in the Senate to break a 60-vote filibuster. Senators Stabenow and Boozman's positive relationship should help smooth the process in the Senate — which will ultimately have the final say on the massive legislation (*POLITCO*).

Next year's rewrite of federal farm policy should put greater emphasis on climate resilience and organic agriculture, according to a new set of recommendations from a network of conservation and farm groups (*E&E Daily*). The National Sustainable Agriculture Coalition (NSAC) called for changes to key farmland conservation programs to better manage rural land in an era of climate change. Recommendations range from boosting programs that promote healthier soil to reducing crop production in some circumstances. The group released [the 144-page report](#) but crafted it well before Republicans took control of the House in the midterm elections. How its priorities will fare in a 2023 farm bill written with more Republican influence remains to be seen.

Democrats definitely want to make farming more climate friendly. Republicans could be on board, especially if it helps farmers save money (*Politico Pro*). Democrats and Republicans have been bitterly divided over whether measures to address climate change should be part of the half-trillion-dollar farm bill that Congress will write next year. But a push to include funding for so-called regenerative agriculture is appealing to GOP lawmakers who are watching farmers contend with sky-high fertilizer prices and other mounting costs. Democrats want to expand regenerative agriculture in the farm bill and direct USDA to put more resources toward improving soil health across existing conservation programs. Republicans are cautiously on board with the idea of helping farmers save money while they improve their soil, within limits.

The planning and budgeting process for the 2023 Farm Bill has begun, and Congressional Agriculture committees are starting to outline the next five years' spending for national conservation, food, farm and nutrition programs. The Alliance throughout the year has prepared for the next farm bill by engaging with agricultural and conservation partners, developing written testimony for Congressional hearings, and working with its members to prioritize its energies in the farm bill debate. A large portion of our energies at the Alliance will be devoted to the 2023 Farm Bill conservation title. Once again, we'll work closely on this with our partners in the Western Agriculture and Conservation Alliance (WACC).

JUDICIAL DEVELOPMENTS

12. Federal Court Says Trump Administration's ESA Rules Still on the Books

A federal judge has ruled that some key Trump Administration rules that govern the Endangered Species Act (ESA) are still in force while the U.S. Fish and Wildlife Service (FWS) and NOAA Fisheries complete a new rulemaking. U.S. District Court for the Northern District of California Judge Jon Tigar rejected a request by environmental groups to vacate the Trump-era rules, stating he could not grant such a request without first making a full decision on the merits of the challenge. The Biden Administration had requested that the Trump ESA rules remain in place while they reconsider the regulations, stating that a vacatur could be too disruptive and cause confusion in implementing the ESA. Judge Tigar's decision reversed his earlier ruling that vacated the Trump rules, but that was overturned by the 9th U.S. Circuit Court of Appeals. One of the Trump Administration's rules in question concerns how FWS and NOAA Fisheries designate listed species' critical habitat. Another eliminated FWS's former policy of automatically extending to

threatened species the protections against “take” that the law provides for endangered species. And a third rule changed how FWS and NOAA Fisheries work with federal agencies to prevent proposed agency actions that could harm listed species or their critical habitat.

13. Interior Department v Navajo Nation

The Supreme Court of the United States (SCOTUS) has agreed to consider *Interior Department v. Navajo Nation*, deciding whether the federal government has a duty to protect the Navajo Nation's access to the dwindling flows of the Colorado River. The federal government argues in the case that it is not legally obligated to assess the Navajo Nation's needs because no treaty, agreement or law explicitly addresses the tribe's claim to Colorado River water. The 9th U.S. Circuit Court of Appeals sided with the Navajo Nation and said Interior had a "duty to protect and preserve the Nation’s right to water." The Biden Administration argued that the lower court ruling would complicate ongoing efforts among seven Western states to reduce their use of water from the drought-plagued Colorado River that serves the needs of 40 million people and millions of acres of important food-producing farms and ranches. There is activity afoot to develop amicus support for the petitioners in the *Navajo Nation* case, perhaps a joint brief on behalf of multiple Western water / ag groups. Oral argument is likely in the late March timeframe and the Court will likely issue a decision by June 30, 2023.

14. Sackett v. EPA

Fearing a Supreme Court ruling that could curb Clean Water Act (CWA) protections for wetlands and other water bodies, environmentalists are eyeing a series of alternative protections that they say can be used to temporarily protect waters, including increased conservation funding, stepped up local enforcement and new local mandates (*IWP News*). In [an issue paper](#) released Nov. 1, the coalition of five groups -- Natural Resources Defense Council, Anthropocene Alliance, Earthjustice, Environment America, the National Wildlife Federation and the Southern Environmental Law Center -- say that such protections are “at best, stopgap measures”. They believe that Congress will have to “step in and reaffirm” the original intent of the CWA: “to establish broad protections for the nation’s waterbodies.” The issue paper, “Clean Water Act on Trial: The Devastating Potential Consequences of *Sackett v. EPA*” examines possible outcomes if the Supreme Court sides with the petitioners in [the Sackett case](#), in which agriculture and water groups (including the Alliance) have asked the justices to reinterpret the CWA and exclude most wetlands and streams from the definition of “waters of the United States” (WOTUS). The paper says that Congress needs to step in and reaffirm the original law’s intent to protect all waters.

ALLIANCE INITIATIVES

15. 2023 Annual Meeting and Conference

Jane, Josh and I have been working on our first public outreach effort for the 2023 Annual Meeting and Conference, scheduled for February 22-24, 2023 at the Silver Legacy Resort in Reno

(NEVADA). Our internal meetings typically take place all day on Wednesday, which would be February 22. For the upcoming conference, we'll also be having a full day board strategic session starting on Tuesday, February 2021, so we can more efficiently conduct business at our traditional Wednesday meetings. An initial "Save the Date" announcement, with links to conference and hotel registration went out via email last month. The conference theme is "A Wake-Up Call for America-WHY FARMS, WATER AND FOOD MATTER".

I'm working on setting up the general session schedule now. In addition to our traditional "Reclamation Roundtable" and "A Look at D.C. from The Hill" panels, I'm working on a legal panel (moderated by Norm Semanko) that would tackle the importance of recent Supreme Court decisions in regard to Western water; a "Bushels of Nature" panel (finding ways to get producers paid for carbon, nutrient, and habitat services); and a panel of young farmers. We'll also have panel discussion on PL-566 (Small Watershed Program), Ag Climate Solutions, and implementation of the Bipartisan Infrastructure Law and Inflation Reduction Act. Our "virtual tour" on Friday afternoon this year will be a working lunch off-site, where leaders of the Western Agriculture and Conservation Coalition (WACC) will lead an informal discussion of the 2023 Farm Bill. We're calling it "Farm (Bill) to Fork".

16. Alfalfa 101

With Western farmers struggling to find adequate water supplies, competing interests are pressuring the federal government to cut the water supply farmers are using to grow our food, including alfalfa, which is a foundational food chain crop. In response, the Alliance and California Farm Water Coalition (CFWC) have produced a White Paper titled, "Our Food Supply at Risk; The Importance of Alfalfa Production in the American West," detailing the valuable role alfalfa plays as a principal feed source for the nation's livestock and dairy industries, its environmental benefits, and contribution to effective drought management.

The new alfalfa report outlines many of the additional benefits that come from alfalfa production, including enhanced soil health because of deep rooting and the nitrogen alfalfa naturally adds to the soil during its growth cycle. This reduces the amount of chemical fertilizers that have to be used to grow crops that follow alfalfa during crop rotation. Alfalfa also contributes to the health of pollinators, such as bees, when it grows because of the crop's prolific flower production. Bees use alfalfa for honey production, more of which comes from alfalfa farms than any other source in the U.S. And alfalfa is an efficient water user, producing a crop year-round in warmer climates, but is also able to survive droughts as well as intentional "dry down" to make water available for other so-called high-value crops that face drought-driven water shortages.

I presented another alfalfa report to the World Alfalfa Congress Symposium last month in San Diego. Mike Wade from CFWC addressed the report as part of his remarks to the Columbia Basin Development League Conference last month in Moses Lake (WASHINGTON). *Water Wrights*, a publication that caters to Central Valley agriculture, did a nice piece last week on our report, [HERE](#). I love this editorial comment at the end of the article: "*Alfalfa is not a monster plant, some*

kind of giant, carnivorous flytrap grown by Morticia Adams."

17. Western Water Climate Change Initiative

The two-week 2022 United Nations Climate Change Conference (UNFCCC COP27) kicked off early last month in Sharm el-Sheikh, Egypt. This year's international climate change deliberations were influenced by the underlying global currents of conflict and economic crisis. President Joe Biden and his leadership team were present, as were American agricultural producers represented by Solutions from the Land (SfL). The Alliance through its involvement with SfL has been monitoring United Nations (U.N.) global climate talks over the past several years, bringing the voice of North American producers and land managers to the discussion table. Alliance President Patrick O'Toole traveled to Scotland one year ago and participated in the COP26 talks.

a. Farmers Engage

The United Nations Framework Convention on Climate Change (UNFCCC) in 1994 established an international environmental treaty to combat "dangerous human interference with the climate system", in part by stabilizing greenhouse gas concentrations in the atmosphere. One way we build support for agriculture is by working with the UNFCCC Farmers Constituency, which is made up of farmers and agricultural NGOs from around the world. SfL served on the drafting team that constructed the Farmers Constituency statement, affirming "the world's farmers must be at the heart of climate policy to ensure that it reduces global agricultural emissions, increases the climate resilience of the global food system and contributes towards ending the global food security crisis."

b. Biden Advances 'Unwavering' Commitment to Combat Climate Change

President Biden – accompanied by a phalanx of Administration appointees and climate advisors - pressed his "unwavering" commitment to combating climate change as he sought to allay concerns the country's efforts would backslide after the midterm elections (*Bloomberg*). Secretary of Agriculture Tom Vilsack highlighted USDA's initiatives and investments in climate-smart agriculture and forestry, noting that global food security depends upon the ability of farmers and producers worldwide to increase their productivity while strengthening their climate resilience and minimizing their climate impacts.

c. Partnerships for Climate-Smart Commodities

Secretary Vilsack used the international platform of COP27 to showcase the Partnerships for Climate-Smart Commodities, through which USDA is investing in new revenue streams for America's climate-smart farmers, ranchers and forest landowners. These projects will expand markets for climate-smart commodities, leverage the greenhouse gas benefits of climate-smart production and provide direct, meaningful benefits to agriculture, including for small and underserved producers. At numerous COP27 events, Secretary Vilsack highlighted USDA's initial \$2.8 billion investment in 70 pilot projects from the first funding pool that will deliver significant

benefits for producers and communities in all 50 U.S. states. The projects will result in the application of climate-smart production practices on more than 25 million acres of working land, with expanded market opportunities and revenue streams for producers of all sizes and types. The Secretary also announced that USDA will direct an additional \$300 million to the second pool of pilot projects by the end of the year, bringing USDA’s total expected investment to \$3.1 billion.

d. International Climate Hub

As part of USDA’s commitment, Secretary Vilsack announced that USDA will establish an International Climate Hub, modeled after USDA’s domestic Climate Hubs, which serve as the model for developing and delivering science-based, region-specific information and technologies to U.S. agricultural managers to enable climate-informed decision-making. The International Climate Hub will provide information and resources tailored to specific regions and needs, including a focus on the countries and producers most vulnerable to the effects of global climate change. The Hub will leverage results and innovations generated via USDA’s domestic and international programs and initiatives, including the Partnerships for Climate Smart Commodities pilot projects.

e. Global Fertilizer Challenge, Pathways to Dairy Net Zero

Secretary Vilsack joined Special Presidential Envoy for Climate John Kerry in announcing the United States’ \$25 million commitment to the “Global Fertilizer Challenge”, which includes \$20 million for USDA to work with governments and local organizations worldwide to advance fertilizer efficiency and nutrient management; and \$5 million to advance applied research on efficient fertilizer products and practices in collaboration with the private sector. Vilsack also highlighted USDA’s domestic and international efforts to advance climate-smart dairy production.

f. Challenges Ahead for the Biden Administration

Governments from around the world agreed at the end of the summit to have wealthy countries help pay vulnerable nations for the damage they’re suffering from climate change (*POLITICO*). However, the Biden administration will have a trickier time of advancing its \$3.5 billion program to encourage climate-smart food production, following last month’s midterm elections. According to *E&E Daily*, Republicans on the House Agriculture Committee are making the Partnerships for Climate-Smart Commodities program an early target for oversight as they prepare for the likelihood of taking the majority in the House. Rep. Glenn Thompson (R-Pa.), the likely new chair of the House Agriculture Committee, has already publicly criticized the USDA initiative.

18. Western States Water Data Access and Analysis Tool (WestDAAT)

Over the past year, we've been in communications with Western States Water Council (WSWC), the advisory body on water to the Western Governors Association, about its WestDAAT, which is intended to help better visualize and streamline the sharing of water data for western states.

WSWC plans to roll this out in the coming months. The new tool is the latest phase of the WSWC's Water Data Exchange (WaDE) program, launched in 2011, which encourages data sharing by creating a common data system that improves access and analysis of public water rights and water use data in standardized and machine-readable formats. WestDAAT provides access to information about around 1½ million surface water and groundwater rights, serving about 2½ million uses. We are working with WSWC staff to host a webinar, scheduled for Tue Jan 10, 2023 11am – 12pm (PST) for YOU to demonstrate WestDAAT's capabilities, suggest ways the data could inform Alliance members, answer questions, discuss concerns and seek your feedback. I'll send out additional information on this webinar in the coming weeks.

19. Global Food Security

As reported periodically throughout this year, we continue efforts to educate the public, the media and policymakers on linkage between the war in Ukraine, rising food prices, increasing global hunger and the Western drought. With the current backdrop of severe drought conditions in the Western U.S., significantly inflated food costs, global food supply challenges, and a looming global famine, there has never been a more important time to protect American food production. In a campaign aimed at publicizing the threat to the nation's food supply, the California Farm Water Coalition (CFWC) partnered with the Family Farm Alliance and Klamath Project irrigators to show consumers how water policies are contributing to food shortages and rising prices. Beginning April 2 with a full-page ad in the *Wall Street Journal*, the campaign progressed over the summer with paid social media posts aimed at consumers aged 18 to 44. To date, the campaign has generated over 7 million impressions with over 220,000 people clicking the link to visit the web site, where major points were made with supporting information.

Alliance and CFWC spokespersons are taking their message across the West. I delivered the keynote address in September at the Arizona Agri-business and Water Council water conference in Phoenix, and also in October at the Upper Missouri Water Association conference in Deadwood (SOUTH DAKOTA). I also spoke on this topic at the World Alfalfa Congress conference last month in San Diego. This week, I'll be doing the same at the North Dakota Water Users Association conference in Bismarck. Mike Wade with CFWC advanced the food security message in his keynote address before the Columbia Basin Development League in Washington state last month. Audiences so far have been very supportive of our efforts to educate the public and policy makers on the importance of Western irrigated agriculture to our national security.

WESTERN WATER “HOT SPOTS”

The drought that has engulfed southwestern North America since 2000 is the most severe in 1,200 years, according to a paper published in the journal *Nature Climate Change*. The “megadrought” -- a dry spell that lasts two decades or more -- surpassed a drought from the late 1500s that was previously identified as the driest going back to at least the year 800, according to the study. The current megadrought is more extreme because of the heat and low rainfall from summer 2020 through summer 2021. Drought covers more than 87% of the nine western U.S. states, according

to the U.S. Drought Monitor. California’s drought has helped stoke massive wildfires as well as create water shortages around the most populous U.S. state. Human-caused climate change is responsible for about 42% of the soil moisture deficit since 2000, the paper found.

20. Klamath Basin

PacifiCorp has won federal approval from the Federal Energy Regulatory Commission (FERC) to remove four hydropower dams along the Klamath River in Oregon and California, the largest dam removal project in the nation. The decision affirms the utility’s plan to surrender licenses and remove the dams, a project years in the making after concerns over the dams’ alleged effect on water quality. After several years of trying to relicense the dams originally licensed in 1954, PacifiCorp and 47 other parties, including the Yurok and Karuk Tribes and state officials in Oregon and California, reached a settlement agreement in 2010 to decommission and remove the J.C. Boyle, Copco No. 1, Copco No. 2, and Iron Gate dams. While no objections were raised during the hearing, Congressmen Cliff Bentz (R-OREGON) and Doug LaMalfa (R-CALIFORNIA) have publicly voiced their opposition to the decommissioning of the Klamath River hydroelectric dams.

Klamath Water Users Association (KWUA)– whose members divert and deliver Klamath River water to farmland – expressed disappointment about the failure of dam removal proponents to adhere to commitments made to agricultural parties after Klamath River settlement legislation was not approved by Congress in 2015. KWUA took a neutral position on the 2016 Amended Klamath Hydroelectric Settlement Agreement (AKHSA), which led to the FERC decision. However, KWUA and many other state and regional agricultural organizations – including the Family Farm Alliance – supported legislation intended to implement the Klamath Basin Restoration Agreement (KBRA) – which would have provided a Basin-wide solution regarding river usage and water rights. Discussion of the KBRA began in 2005. With FERC approval of the decommissioning project, removal of the Klamath River dams could commence as early as 2024.

21. California

The Department of Water Resources (DWR) on December 1 announced an initial State Water Project (SWP) allocation of 5 percent of requested supplies for 2023. The SWP provides water to 29 public water agencies that serve 27 million Californians. As the state prepares for a fourth dry year and continued extreme drought conditions in California, DWR will also assess requests for additional water that may be necessary for health and safety including minimum domestic, sanitation, and fire suppression needs. Growers continue to face mounting economic challenges. In a new report about the financial toll of the state’s extreme drought conditions, researchers estimated that the state’s irrigated farmland dropped by 752,000 acres from 2019 to 2022.

23. Colorado River

The Colorado River provides water to two countries, seven western states, 30 Tribal Nations and 40 million residents. It is currently experiencing the longest and worst drought on record, driven

by hotter temperatures under climate change. Efforts continue in California and across the Colorado River Basin to find ways to stabilize water storage volumes in Lakes Powell and Mead. Reclamation and water agencies are working closely to take extraordinary actions to protect the Colorado River System.

a. CRWUA Conference

Alliance President Patrick O’Toole will be one of many Alliance members heading to Las Vegas next week to participate in the 2022 Colorado River Water Users Association (CRWUA) meeting, where things are likely to hit the fan. Right now, there are more demands for the river than there is water coming into its reservoirs. But cutting back at the scale necessary — and on a voluntary basis — has proven challenging this year as top officials from across the Colorado River watershed have failed to reach a settlement. The Bureau of Reclamation is pursuing a two-pronged strategy through voluntary conservation programs that might be supplemented by mandatory cutbacks if a negotiated deal cannot be reached among water users.

The CRWUA conference will bring together water officials, policymakers and interest groups from across the basin, which includes seven U.S. states, 30 Native American tribes and Mexico. There’s really not a lot of ag representation on the general session agenda, although Alliance Advisory Committee member Andy Mueller is on one panel. It does not appear that a single farmer has been invited to be on the agenda. President O’Toole thinks we may want to develop a press strategy for this invite, something we’ll discuss on Friday’s ZOOM call.

b. Salton Sea Agreement

In other Colorado River news, the Department of the Interior last month announced a new agreement funded by the Inflation Reduction Act that will mitigate impacts from the worsening drought crisis impacting the Salton Sea in Southern California. Established by Deputy Secretary Tommy Beaudreau and leaders from the California Natural Resources Agency, Imperial Irrigation District (IID) and Coachella Valley Water District (CVWD), the agreement will accelerate implementation of dust suppression and aquatic restoration efforts at the Salton Sea in Southern California. The agreement will expedite implementation of the state’s 10-year plan and enable urgent water conservation needed to protect Colorado River reservoir storage volumes amid persistent climate change-driven drought conditions.

c. Gov. Polis Shakes Things Up in Colorado

Newly re-elected Colorado Governor Jared Polis – no big fan of production agriculture in his own state – last month announced changes in its Colorado River leadership team and asked lawmakers to approve \$1.9M in funding for a new policy and technology task force that will focus on the Colorado River. The changes include shifting Rebecca Mitchell from her role as Director of the Colorado Water Conservation Board (CWCB) and transferring her into the executive office at the Colorado Department of Natural Resources (CDNR). There she will focus on her work as

Colorado's Commissioner on the Upper Colorado River Commission. Governor Polis' proposal also calls for adding more than a dozen new CWRB and CDNR positions and \$5M to fund state water plan grants.

ADMINISTRATIVE AND MISCELLANEOUS

- I had the pleasure of chatting with Nate Eckhoff over the Thanksgiving weekend, who is the candidate director Tom Schwarz has selected to fill his Nebraska position on the board of directors. Tom plans to step down from the board at our February meeting but wanted to include Nate on our Advisory Committee mailing list for the time being, until the board decides to appoint Nate as his replacement and complete the remaining two years on his board term. You'll get a chance to meet Nate directly in Reno in February.
- Our long-time supporter and amazing Advisory Committee Chairman Gary Esslinger (NEW MEXICO) will be stepping down from his Chair position. We need to start working with Gary and other interested Advisory Committee members to find someone willing to fill Gary's YUGE shoes. We'll discuss this further on Friday.
- Last week, I spoke at the Oregon Water Resources Congress annual conference, and also participated in OWRC's Federal Affairs Committee meeting immediately afterward. On Friday, I spoke at breakfast in Spokane before the Washington State Water Resources Association Annual Conference. This Tuesday, I'm flying back to the frozen tundra of Bismarck, where I'm giving the keynote speech at the North Dakota State Water Users Conference.
- Tom Birmingham, who has served as GM of Westlands Water District in California for over 20 years, has announced he will step down at the end of this year. Westlands and Tom, personally, have long been strong supporters of the Alliance, and he will be missed. He's one of the smartest water policy professionals I've ever worked with. I wish him well, in whatever endeavors his new phase in life takes him.

I appreciate all the helpful input I have received from many of you in the past month. Please do not hesitate to contact me if you have any questions about this report.



117th Legislative Tracker

Last Updated: December 06, 2022

Overview

The following legislative tracker provides the status of legislation introduced in the 117th Congress of interest to the Friant Water Authority. Each of the bill numbers is hyperlinked to the bill text, FiscalNote (FN) Outlook information, and other related details.

The FN Outlook on the right side of each bill provides the legislation's pre-Floor (left) and Floor (right) likelihood of passing. The percentages shown are the status of the bill in the Chamber where it is currently under consideration (this is shown under 'Status'). The pre-Floor score is defined as the bill's likelihood of passing after it has been introduced but while it is being considered in that chamber's committees - before it has moved to the Floor for a vote.

Bills by Issue

Friant Water Authority (65)

Bill Number	Last Action	Status	FN Outlook
S 4176	Placed On Senate Legislative Calendar Under General Orders Calendar No 539 2022 10 18	In Senate	16.9% 47.8%
<p>Title A bill to amend the Infrastructure Investment and Jobs Act to modify the eligibility requirements for certain small water storage and groundwater storage projects and to authorize the use of funds for certain additional Carey Act projects, and for other purposes.</p> <p>Primary Sponsors Jim Risch</p>	<p>Bill Summary: Last edited by TFG Reports at May 13, 2022, 4:39 PM This bill would amend the Infrastructure Investment and Jobs Act to modify the eligibility requirements for certain small water storage and groundwater storage projects and to authorize the use of funds for certain additional Carey Act projects, and for other purposes.</p> <p>Introduction Date: 2022-05-10</p>		
HR 5118	Received In The Senate 2022 08 02	In Senate	71.8% 43.3%
<p>Title Continental Divide Trail Completion Act</p> <p>Primary Sponsors Joe Neguse</p>	<p>Bill Summary: Last edited by TFG Reports at Aug 22, 2022, 9:06 PM The Wildfire Response and Drought Resiliency Act - a package of 49 bills that will provide much-needed investments to improve fire-adapted ecosystems, protect communities against catastrophic wildfires, enhance drought resiliency, expand science programs, modernize data and technology, and ensure a whole-of-government approach to wildfire and drought issues.</p> <p>Introduction Date: 2021-08-27</p>		

Bill Number

S 4136

Last Action

By Senator Carper From Committee On Environment And Public Works Filed Written Report Report No 117 124 2022 06 22

Status

In Senate

FN Outlook

7.0% 51.5%

Title

Water Resources Development Act of 2022

Primary Sponsors

Tom Carper

Bill Summary: Last edited by TFG Reports at May 13, 2022, 4:06 PM

This bill would authorize much-needed investments in the projects and programs of the U.S. Army Corps of Engineers across the country. The bill would update the Corps' emergency authorities; authorize the Corps to protect and restore other federal lands; allow non-federal interests to request studies that directly address climate change impacts; and authorize a new Corps workforce development and STEM outreach program with priority given to economically disadvantaged communities, among other provisions.

Introduction Date: 2022-05-04

Bill Number

HR 8127

Last Action

Referred To The Subcommittee On Water Resources And Environment 2022 06 17

Status

In House

FN Outlook

5.4% 59.1%

Title

Water Infrastructure Finance and Innovation Act Amendments of 2022

Primary Sponsors

Kim Schrier

Bill Summary: Last edited by TFG Reports at Jun 17, 2022, 6:09 PM

This bill would reauthorize the Water Infrastructure Finance and Innovation Act of 2014, and for other purposes.

Introduction Date: 2022-06-16

Bill Number

HR 2606

Last Action

Placed On The Union Calendar Calendar No 259 2022 06 03

Status

In House

FN Outlook

15.4% 50.1%

Title

SUSTAINS Act

Primary Sponsors

G.T. Thompson

Bill Summary: Last edited by TFG Reports at May 7, 2021, 2:06 PM

This bill provides an opportunity for the private sector to partner with USDA to engage farmers and ranchers in supporting conservation initiatives, including to expand land use practices to sequester carbon, improve wildlife habitat, protect sources of drinking water, and address other natural resource priorities.

Introduction Date: 2021-04-15

Bill Number

S 4231

Last Action

Committee On Energy And Natural Resources Subcommittee On Water And Power Hearings Held 2022 05 25

Status

In Senate

FN Outlook

4.0% 52.9%

Title

STREAM Act

Primary Sponsors

Dianne Feinstein

Bill Summary: Last edited by TFG Reports at May 18, 2022, 8:43 PM

This bill would support water infrastructure in Reclamation States, and other purposes. It would authorize \$750 million for storage, \$300 million for water recycling, \$150 million for desalination, \$100 million for drinking water for disadvantaged communities and \$150 million in a new, low-interest loan program for water supply projects.

Introduction Date: 2022-05-17

Bill Number

S 4175

Last Action

Committee On Energy And Natural Resources
Subcommittee On Water And Power Hearings
Held 2022 05 25

Status

In Senate

FN Outlook

7.1% 47.7%

Title

A bill to amend the Omnibus Public Land Management Act of 2009 to authorize certain extraordinary operation and maintenance work for urban canals of concern.

Bill Summary: Last edited by TFG Reports at May 13, 2022, 4:40 PM
This bill would amend the Omnibus Public Land Management Act of 2009 to authorize certain extraordinary operation and maintenance work for urban canals of concern.

Primary Sponsors

Jim Risch

Introduction Date: 2022-05-10

Bill Number

S 3539

Last Action

Committee On Energy And Natural Resources
Subcommittee On Water And Power Hearings
Held 2022 05 25

Status

In Senate

FN Outlook

6.2% 51.5%

Title

Watershed Results Act

Bill Summary: Last edited by TFG Reports at Feb 23, 2022, 10:10 PM
This bill would require the Secretary of the Interior to work in coordination with the Secretary of Agriculture and the Administrator of the EPA to establish two to five watershed restoration pilot programs across the country. Each pilot program must incorporate predictive data analysis to analyze millions of acres of a watershed to precisely locate the most effective acres for restoration that will make the largest impact. Outcomes of these pilots can include a quantifiable reduction in nutrient or sediment runoff or thermal load, quantifiable increases in dissolved oxygen and surface water or groundwater that functionally benefits fish and wildlife species, and any other quantifiable benefits identified to support watershed restoration.

Primary Sponsors

Ron Wyden

Introduction Date: 2022-02-01

Bill Number

S 2334

Last Action

Committee On Energy And Natural Resources
Subcommittee On Water And Power Hearings
Held 2022 05 25

Status

In Senate

FN Outlook

3.3% 52.9%

Title

Large Scale Water Recycling Project and Drought Resiliency Investment Act

Bill Summary: Last edited by TFG Reports at Jul 15, 2021, 2:36 PM
This bill directs the Secretary of the Interior to establish a grant program to provide grants on a competitive basis to eligible entities for large-scale water recycling and reuse projects, to amend the Omnibus Public Land Management Act of 2009 to make certain modifications to the Cooperative Watershed Management Program, to provide emergency drought funding, and for other purposes.

Primary Sponsors

Catherine Cortez Masto

Introduction Date: 2021-07-13

Bill Number

S 953

Last Action

Committee On Energy And Natural Resources
Subcommittee On Water And Power Hearings
Held 2022 05 25

Status

In Senate

FN Outlook

2.4%

52.4%

Title

Water for Conservation and Farming Act

Primary Sponsors

Ron Wyden

Bill Summary: Last edited by TFG Reports at Aug 9, 2021, 7:48 PM
This bill establishes a funding source for certain water resources development projects in western states. The bill also reauthorizes and expands existing water resources development programs, as well as establishes new programs. Specifically, the bill establishes the Bureau of Reclamation Infrastructure Fund to fund water-related programs, including water reclamation and reuse projects, dam safety projects, and the WaterSMART program (which provides assistance to eligible government entities to increase water supply). The bill also reauthorizes through FY2028 the Fisheries Restoration and Irrigation Mitigation program (which funds fish passage projects in certain areas that drain into the Pacific Ocean). The bill also establishes new programs directed at western states to provide assistance to agricultural producers to create and maintain waterbird and shorebird habitats, award grants to eligible government entities and nonprofit conservation organizations for habitat restoration projects that improve watershed health, and prepare plans to sustain the survival of critically important fisheries during periods of drought.

Introduction Date: 2021-03-24

Bill Number

S 4137

Last Action

Read Twice And Referred To The Committee
On Environment And Public Works 2022 05 04

Status

In Senate

FN Outlook

19.5%

52.8%

Title

Water Resources Development Act of 2022

Primary Sponsors

Tom Carper

Bill Summary: Last edited by TFG Reports at May 13, 2022, 4:09 PM
This bill would authorize much-needed investments in the projects and programs of the U.S. Army Corps of Engineers across the country. The bill would also update the Corps' emergency authorities; authorize the Corps to protect and restore other federal lands; allow non-federal interests to request studies that directly address climate change impacts such as tidal flooding and sea level rise; and authorize a new Corps workforce development and STEM outreach program with priority given to economically disadvantaged communities, among other provisions.

Introduction Date: 2022-05-04

Bill Number

HR 6491

Last Action

Subcommittee Hearings Held 2022 03 17

Status

In House

FN Outlook

5.4%

53.8%

Title

Salmon FISH Act

Primary Sponsors

Jared Huffman

Bill Summary: Last edited by TFG Reports at Apr 15, 2022, 6:27 PM
This bill seeks to identify, restore, and protect the most outstanding salmon rivers and watersheds in America, and to ensure funding needed to sustain thriving salmon populations.

Introduction Date: 2022-01-25

Bill Number

S 2404

Last Action

Committee On Banking Housing And Urban Affairs Hearings Held 2021 12 15

Status

In Senate

FN Outlook

5.1% 79.1%

Title

Western Wildfire Support Act of 2021

Primary Sponsors

Catherine Cortez Masto

Bill Summary: Last edited by TFG Reports at Aug 10, 2021, 3:06 PM
This bill will provide at-risk communities across the western U.S. with additional resources to help prevent wildfires before they start, combat those that do spark, and help communities touched by wildfire recover and restore their surrounding landscapes. The legislation also establishes a grant program to help federal, state, and local agencies acquire state-of-the-art firefighting equipment. The bill also provides \$100 million in funding to help communities impacted by wildfires conduct long-term rehabilitation projects.

Introduction Date: 2021-07-20

Bill Number

HR 59

Last Action

Subcommittee Hearings Held 2021 11 16

Status

In House

FN Outlook

5.9% 51.4%

Title

Strengthening Fishing Communities and Increasing Flexibility in Fisheries Management Act

Primary Sponsors

Don Young

Bill Summary: Last edited by TFG Reports at Feb 12, 2021, 5:50 PM
This bill amends the Magnuson-Stevens Fishery Conservation and Management Act to provide flexibility for fishery managers and stability for fishermen.

Introduction Date: 2021-01-04

Bill Number

HR 5793

Last Action

Referred To The House Committee On Financial Services 2021 11 01

Status

In House

FN Outlook

11.1% 47.0%

Title

NFIP Risk Rating 2.0 Delay Act of 2021

Primary Sponsors

Mario Diaz-Balart

Bill Summary: Last edited by TFG Reports at Nov 4, 2021, 6:44 PM
This bill temporarily limits the authority of the Administrator of the Federal Emergency Management Agency to prescribe chargeable premium rates for flood insurance under the National Flood Insurance Program.

Introduction Date: 2021-11-01

Bill Number

HR 5716

Last Action

Referred To The Subcommittee On Water Oceans And Wildlife 2021 10 29

Status

In House

FN Outlook

9.3% 54.3%

Title

Securing Access for the central Valley and Enhancing (SAVE) Water Resources Act

Primary Sponsors

Josh Harder

Bill Summary: Last edited by TFG Reports at Dec 6, 2021, 7:30 PM
This bill aims to increase water storage opportunities, spur innovation in water sustainability, and make responsible federal investments in aging water infrastructure. The bill also establishes a water infrastructure and drought solutions fund to provide \$750 million for water surface and groundwater storage, water reclamation and reuse, and WaterSMART program projects.

Introduction Date: 2021-10-25

Bill Number
HR 2612

Last Action
Referred To The Subcommittee On Courts
Intellectual Property And The Internet 2021 10
19

Status
In House

FN Outlook
17.9% 61.0%

Title
RESTORE Act of 2021

Primary Sponsors
Doug LaMalfa

Bill Summary: Last edited by TFG Reports at May 7, 2021, 2:08 PM
This bill provides new authorities to USDA to work with states on landscape-scale management projects to prioritize reduction of wildlife risk, restoration of ecological health, and climate adaptation and resiliency. Specifically, the bill provides the Secretary of Agriculture the authority to conduct landscape-scale forest management projects in states where the Governor requests such activities, and provides an authorization of appropriations for the program.

Introduction Date: 2021-04-16

Bill Number
HR 5438

Last Action
Referred To The Subcommittee On
Environment And Climate Change 2021 10 01

Status
In House

FN Outlook
9.2% 75.3%

Title
Water Advanced Technologies for Efficient Resource Use Act of
2021

Primary Sponsors
Matt Cartwright

Bill Summary: Last edited by TFG Reports at Jan 14, 2022, 6:15 PM
This bill provides incentives for the purchase of water-efficient products.

Introduction Date: 2021-09-30

Bill Number
S 2869

Last Action
Read Twice And Referred To The Committee
On Banking Housing And Urban Affairs 2021
09 28

Status
In Senate

FN Outlook
3.8% 47.2%

Title
NFIP Risk Rating 2.0 Delay Act of 2021

Primary Sponsors
Marco Rubio

Bill Summary: Last edited by TFG Reports at Nov 4, 2021, 6:44 PM
This bill temporarily limits the authority of the Administrator of the Federal Emergency Management Agency to prescribe chargeable premium rates for flood insurance under the National Flood Insurance Program.

Introduction Date: 2021-09-28

Bill Number
S 2831

Last Action
Read Twice And Referred To The Committee
On Banking Housing And Urban Affairs 2021
09 23

Status
In Senate

FN Outlook
57.0% 45.4%

Title
Flood Insurance Flexibility Act

Primary Sponsors
Mike Lee

Bill Summary: Last edited by TFG Reports at Nov 4, 2021, 6:45 PM
This bill requires the National Flood Insurance Program to accept mid-term cancellations of flood insurance coverage if the insured acquires alternative coverage.

Introduction Date: 2021-09-23

Bill Number

S 2807

Last Action

Read Twice And Referred To The Committee
On Environment And Public Works 2021 09 22

Status

In Senate

FN Outlook

40.1% 53.0%

Title

Watershed Results Act

Primary Sponsors

Ron Wyden

Bill Summary: Last edited by TFG Reports at Feb 23, 2022, 10:10 PM
This bill would require the Secretary of the Interior to work in coordination with the Secretary of Agriculture and the Administrator of the EPA to establish two to five watershed restoration pilot programs across the country. Each pilot program must incorporate predictive data analysis to analyze millions of acres of a watershed to precisely locate the most effective acres for restoration that will make the largest impact. Outcomes of these pilots can include a quantifiable reduction in nutrient or sediment runoff or thermal load, quantifiable increases in dissolved oxygen and surface water or groundwater that functionally benefits fish and wildlife species, and any other quantifiable benefits identified to support watershed restoration.

Introduction Date: 2021-09-22

Bill Number

HR 4915

Last Action

Referred To The Subcommittee On Water
Oceans And Wildlife 2021 08 18

Status

In House

FN Outlook

0.0% 0.0%

Title

Water Supply Permitting Coordination Act

Primary Sponsors

Tom McClintock

Bill Summary: Last edited by TFG Reports at Aug 16, 2021, 4:14 PM
This bill authorizes the Secretary of the Interior to coordinate Federal and State permitting processes related to the construction of new surface water storage projects on lands under the jurisdiction of the Secretary of the Interior and the Secretary of Agriculture and to designate the Bureau of Reclamation as the lead agency for permit processing.

Introduction Date: 2021-08-03

Bill Number

HR 4763

Last Action

Referred To The Subcommittee On
Conservation And Forestry 2021 08 18

Status

In House

FN Outlook

5.4% 54.7%

Title

Future of Agricultural Resiliency And Modernization Act

Primary Sponsors

Josh Harder

Bill Summary: Last edited by TFG Reports at Dec 6, 2021, 7:38 PM
This bill directs the Department of Agriculture (USDA) to award grants to certain entities, including states, local governments, and nonprofit organizations, to carry out projects that further agricultural resiliency and modernization, such as projects that reduce greenhouse gas emissions; improve air, water, and soil health; and increase carbon sequestration.

Introduction Date: 2021-07-28

Bill Number
HR 4712

Last Action
Referred To The Subcommittee On Water
Oceans And Wildlife 2021 08 09

Status
In House

FN Outlook
7.7% 67.7%

Title
Desalination Development Act

Primary Sponsors
Mike Levin

Bill Summary: Last edited by TFG Reports at Aug 16, 2021, 4:09 PM
This bill authorizes \$260 million over the next five years for desalination projects and creates new environmental safeguards for the funded projects. This bill directs the Bureau of Reclamation to submit project funding recommendations to Congress based on specific criteria, prioritizing projects that benefit drought-stricken communities. The legislation would also require projects to comply with all state environmental laws, maximize the use of renewable energy and energy efficiency, and reduce reliance on imported water supplies from imperiled ecosystems.

Introduction Date: 2021-07-27

Bill Number
S 2430

Last Action
Read Twice And Referred To The Committee
On Finance Sponsor Introductory Remarks On
Measure Cr S 5052 2021 07 22

Status
In Senate

FN Outlook
3.2% 50.5%

Title
Water Conservation Rebate Tax Parity Act

Primary Sponsors
Dianne Feinstein

Bill Summary: Last edited by TFG Reports at Aug 6, 2021, 5:56 PM
This bill amends the Internal Revenue Code of 1986 to expand the exclusion for certain conservation subsidies to include subsidies for water conservation or efficiency measures and storm water management measures.

Introduction Date: 2021-07-22

Bill Number
HR 4018

Last Action
Referred To The Subcommittee On Water
Oceans And Wildlife 2021 07 21

Status
In House

FN Outlook
11.1% 50.4%

Title
NEED Water Act

Primary Sponsors
David Valadao

Bill Summary: Last edited by TFG Reports at Sep 14, 2021, 5:06 PM
This bill provides emergency drought relief for the Central Valley. The legislation would protect water currently in the Central Valley Project system for human needs and reduce regulatory burdens in order to lessen the negative impacts of the drought on Central Valley residents. The bill would also extend the California provisions of the WIIN Act.

Introduction Date: 2021-06-17

Bill Number
S 2383

Last Action
Read Twice And Referred To The Committee
On Finance 2021 07 20

Status
In Senate

FN Outlook
5.4% 74.4%

Title
Water and Agriculture Tax Reform Act of 2021

Primary Sponsors
Mike Crapo

Bill Summary: Last edited by TFG Reports at Aug 6, 2021, 6:14 PM
This bill amends the Internal Revenue Code of 1986 to facilitate water leasing and water transfers to promote conservation and efficiency.

Introduction Date: 2021-07-20

Bill Number
HR 3404

Last Action
Referred To The Subcommittee On Water
Oceans And Wildlife 2021 07 05

Status
In House

FN Outlook
9.3% 75.0%

Title
FUTURE Western Water Infrastructure and Drought Resiliency Act

Primary Sponsors
Jared Huffman

Bill Summary: Last edited by TFG Reports at Jun 4, 2021, 5:42 PM
This bill includes major investments to provide drought preparedness and improve water supply reliability to the Nation. It also includes provisions for ecosystem restoration and protection, water job training and education, improved technology and data, and infrastructure development.

Introduction Date: 2021-05-20

Bill Number
HR 4284

Last Action
Referred To The Subcommittee On
Environment And Climate Change 2021 07 01

Status
In House

FN Outlook
5.4% 45.0%

Title
Clean Drinking Water Equity Act

Primary Sponsors
Raul Ruiz

Bill Summary: Last edited by TFG Reports at Aug 6, 2021, 5:47 PM
This bill amends the Safe Drinking Water Act with respect to assistance for disadvantaged communities, and for other purposes.

Introduction Date: 2021-06-30

Bill Number
HR 4099

Last Action
Subcommittee Hearings Held 2021 06 29

Status
In House

FN Outlook
9.2% 72.5%

Title
Large-Scale Water Recycling Project Investment Act

Primary Sponsors
Grace Napolitano

Bill Summary: Last edited by TFG Reports at Jun 24, 2021, 3:52 PM
This bill directs the Secretary of the Interior to establish a grant program to provide grants on a competitive basis to eligible entities for large-scale water recycling and reuse projects.

Introduction Date: 2021-06-23

Bill Number
HR 3293

Last Action
Reported Amended By The Committee On
Energy And Commerce H Rept 117 77 Part I
2021 06 29

Status
In House

FN Outlook
18.0% 52.1%

Title
Low-Income Water Customer Assistance Programs Act of 2021

Primary Sponsors
Lisa Blunt Rochester

Bill Summary: Last edited by TFG Reports at Aug 6, 2021, 6:02 PM
This bill amends the Safe Drinking Water Act and the Federal Water Pollution Control Act to establish programs to assist low-income households in maintaining access to drinking water and wastewater services, and for other purposes.

Introduction Date: 2021-05-18

Bill Number

S 2286

Last Action

Read Twice And Referred To The Committee
On Energy And Natural Resources 2021 06 24

Status

In Senate

FN Outlook

5.5% 74.6%

Title

Western Water, Jobs, and Infrastructure Act

Primary Sponsors

Jon Tester

Bill Summary: Last edited by TFG Reports at Aug 6, 2021, 5:54 PM
This bill authorizes the Secretary of the Interior to use designated funding to pay for construction of authorized rural water projects, and for other purposes.

Introduction Date: 2021-06-24

Bill Number

S 2185

Last Action

Read Twice And Referred To The Committee
On Energy And Natural Resources 2021 06 23

Status

In Senate

FN Outlook

4.6% 45.3%

Title

Western Water Infrastructure Act of 2021

Primary Sponsors

John Barrasso

Bill Summary: Last edited by TFG Reports at Aug 6, 2021, 6:10 PM
This bill reauthorizes expiring programs for the Bureau of Reclamation (BOR) and authorizes funding to eliminate the BOR infrastructure maintenance backlog. The bill will also create a new program to restore water storage capacity at BOR and U.S. Army Corps of Engineers reservoirs by developing and implementing sediment management plans at the request of project beneficiaries.

Introduction Date: 2021-06-23

Bill Number

HR 1915

Last Action

Placed On The Union Calendar Calendar No 48
2021 06 22

Status

In House

FN Outlook

20.9% 53.7%

Title

Water Quality Protection and Job Creation Act of 2021

Primary Sponsors

Peter DeFazio

Bill Summary: Last edited by TFG Reports at Mar 18, 2021, 4:50 PM
This bill amends the Federal Water Pollution Control Act to reauthorize certain water pollution control programs, and for other purposes.

Introduction Date: 2021-03-16

Bill Number

HR 3112

Last Action

Referred To The Subcommittee On Water
Oceans And Wildlife 2021 06 19

Status

In House

FN Outlook

4.5% 53.6%

Title

Western Water Recycling and Drought Relief Act of 2021

Primary Sponsors

Jerry McNerney

Bill Summary: Last edited by TFG Reports at Oct 21, 2021, 4:33 PM
This bill authorizes the Department of the Interior to participate in the design, planning, and construction of specified recycled water system facilities in California.

Introduction Date: 2021-05-11

Bill Number
HR 2008

Last Action
Received In The Senate And Read Twice And Referred To The Committee On Environment And Public Works 2021 06 16

Status
In Senate

FN Outlook
9.0% 52.4%

Title
Local Water Protection Act

Primary Sponsors
Angie Craig

Bill Summary: Last edited by TFG Reports at May 7, 2021, 3:49 PM
This bill reauthorizes through FY2026 grants to states for (1) programs that manage and control nonpoint source pollution (e.g., runoff from a variety of sources) added to navigable waters, and (2) groundwater quality protection activities to advance state implementation of such programs.

Introduction Date: 2021-03-18

Bill Number
HR 3751

Last Action
Referred To The Subcommittee On Water Resources And Environment 2021 06 09

Status
In House

FN Outlook
6.4% 46.8%

Title
Clean Water Infrastructure Resilience and Sustainability Act of 2021

Primary Sponsors
Salud Carbajal

Bill Summary: Last edited by TFG Reports at Oct 1, 2021, 8:16 PM
This bill amends the Federal Water Pollution Control Act to establish a program to make grants to eligible entities to increase the resilience of publicly owned treatment works to natural disasters.

Introduction Date: 2021-06-08

Bill Number
HR 2552

Last Action
Referred To The Subcommittee On Water Oceans And Wildlife 2021 06 08

Status
In House

FN Outlook
6.5% 54.5%

Title
Canal Conveyance Capacity Restoration Act

Primary Sponsors
Jim Costa

Bill Summary: Last edited by TFG Reports at Feb 22, 2022, 3:57 PM
This bill authorizes the Bureau of Reclamation to provide financial assistance for various projects in California to mitigate the sinking or settling of the ground (i.e., subsidence mitigation), specifically for projects related to the Friant-Kern Canal, the Delta-Mendota Canal, and certain parts of the San Luis Canal/California Aqueduct.

Introduction Date: 2021-04-15

Bill Number
HR 3691

Last Action
Referred To The Subcommittee On Water Resources And Environment 2021 06 07

Status
In House

FN Outlook
7.7% 52.5%

Title
Wastewater Infrastructure Modernization Act

Primary Sponsors
Carolyn Bourdeaux

Bill Summary: Last edited by TFG Reports at Aug 9, 2021, 7:51 PM
This bill amends the Federal Water Pollution Control Act to establish a smart wastewater infrastructure technology grant program, and for other purposes.

Introduction Date: 2021-06-04

Bill Number

S 1855

Last Action

Read Twice And Referred To The Committee
On Agriculture Nutrition And Forestry 2021 05
26

Status

In Senate

FN Outlook

5.3% 73.8%

Title

Wildfire Emergency Act of 2021

Primary Sponsors

Dianne Feinstein

Bill Summary: Last edited by TFG Reports at Jun 9, 2021, 3:50 PM
This bill directs the Secretary of Agriculture to select and implement landscape-scale forest restoration projects, to assist communities in increasing their resilience to wildfire. The bill authorizes \$250 million for this initiative. The legislation also authorizes \$100 million for a new grant program to protect critical infrastructure and allow for greater energy flexibility. In addition, the bill provides \$50 million to help disadvantaged communities plan and collaborate on forest restoration, wildland-urban interface and tribal projects as well as projects increasing equitable access to environmental education and volunteer opportunities.

Introduction Date: 2021-05-26

Bill Number

HR 3282

Last Action

Referred To The Subcommittee On
Environment And Climate Change 2021 05 18

Status

In House

FN Outlook

15.7% 50.0%

Title

Drinking Water Funding for the Future Act of 2021

Primary Sponsors

David McKinley

Bill Summary: Last edited by TFG Reports at Jun 4, 2021, 5:51 PM
This bill reauthorizes funding for drinking water programs under the Safe Drinking Water Act and America's Water Infrastructure Act of 2018, and for other purposes.

Introduction Date: 2021-05-17

Bill Number

HR 3218

Last Action

Referred To The Subcommittee On Water
Resources And Environment 2021 05 14

Status

In House

FN Outlook

7.8% 50.2%

Title

Wastewater Infrastructure Improvement Act of 2021

Primary Sponsors

David Rouzer

Bill Summary: Last edited by TFG Reports at Oct 1, 2021, 8:21 PM
This bill amends the Federal Water Pollution Control Act to reauthorize certain water pollution control programs.

Introduction Date: 2021-05-13

Bill Number

HR 3023

Last Action

Sponsor Introductory Remarks On Measure Cr
H 2345 2021 05 14

Status

In House

FN Outlook

6.5% 55.0%

Title

Restoring WIFIA Eligibility Act

Primary Sponsors

Jim Costa

Bill Summary: Last edited by TFG Reports at May 13, 2021, 1:45 PM
This bill amends the Water Infrastructure Finance and Innovation Act of 2014 with respect to budgetary treatment of certain amounts of financial assistance, and for other purposes.

Introduction Date: 2021-05-07

Bill Number

S 914

Last Action

By Senator Carper From Committee On Environment And Public Works Filed Written Report Report No 117 20 2021 05 10

Status

In House

FN Outlook

76.2% 51.1%

Title

Drinking Water and Wastewater Infrastructure Act of 2021

Primary Sponsors

Tammy Duckworth

Bill Summary: Last edited by TFG Reports at May 7, 2021, 3:32 PM
This bill amends the Safe Drinking Water Act and the Federal Water Pollution Control Act to reauthorize programs under those Acts. Specifically, it supports programs to provide safe drinking water or treat wastewater, such as sewer overflows or stormwater.

Introduction Date: 2021-03-23

Bill Number

HR 2979

Last Action

Referred To The Subcommittee On Environment And Climate Change 2021 05 05

Status

In House

FN Outlook

6.5% 70.1%

Title

To amend the Water Infrastructure Finance and Innovation Act of 2014 with respect to the final maturity date of certain loans, and for other purposes.

Primary Sponsors

John Garamendi

Bill Summary: Last edited by TFG Reports at May 18, 2021, 9:39 PM
This bill amends the Water Infrastructure Finance and Innovation Act of 2014 with respect to the final maturity date of certain loans, and for other purposes.

Introduction Date: 2021-05-04

Bill Number

S 1341

Last Action

Read Twice And Referred To The Committee On Environment And Public Works 2021 04 22

Status

In Senate

FN Outlook

8.6% 52.7%

Title

Water Resources Research Amendments Act

Primary Sponsors

Ben Cardin

Bill Summary: Last edited by TFG Reports at Jul 6, 2021, 3:29 PM
This bill reauthorizes through FY2025 the Water Resources Research Act Program and otherwise revises the program, including by increasing the federal share of grant funding under the program for water resources research and technology institutes.

Introduction Date: 2021-04-22

Bill Number

HR 1563

Last Action

Referred To The Subcommittee On Water Oceans And Wildlife 2021 04 21

Status

In House

FN Outlook

11.1% 67.3%

Title

To extend the authorities under the Water Infrastructure Improvements for the Nation Act of 2016 providing operational flexibility, drought relief, and other benefits to the State of California.

Primary Sponsors

Mike Garcia

Bill Summary: Last edited by TFG Reports at Mar 5, 2021, 4:41 PM
This bill extends the authorities under the Water Infrastructure Improvements for the Nation Act of 2016 providing operational flexibility, drought relief, and other benefits to the State of California.

Introduction Date: 2021-03-03

Bill Number
HR 2660

Last Action
Referred To The Subcommittee On Water
Resources And Environment 2021 04 20

Status
In House

FN Outlook
7.8% 78.9%

Title
WATER Act

Primary Sponsors
Bob Latta

Bill Summary: Last edited by TFG Reports at Jun 17, 2021, 2:26 PM
This bill amends the Federal Water Pollution Control Act to codify the definition of the term "waters of the United States", and for other purposes.

Introduction Date: 2021-04-19

Bill Number
HR 1352

Last Action
Referred To The Subcommittee On
Conservation And Forestry 2021 04 05

Status
In House

FN Outlook
7.8% 50.0%

Title
Water Affordability, Transparency, Equity, and Reliability Act of
2021

Primary Sponsors
Brenda Lawrence

Bill Summary: Last edited by TFG Reports at Jun 4, 2021, 5:48 PM
This bill increases funding for water infrastructure, including funding for several programs related to controlling water pollution or protecting drinking water. Specifically, it establishes a Water Affordability, Transparency, Equity, and Reliability Trust Fund. The bill increases the corporate income tax rate to 24.5% to provide revenues for the fund. In addition, the bill revises requirements concerning the clean water state revolving fund (SRF) and the drinking water SRF. It also creates or reauthorizes several grant programs for water infrastructure.

Introduction Date: 2021-02-25

Bill Number
HR 2197

Last Action
Referred To The Subcommittee On
Environment And Climate Change 2021 03 29

Status
In House

FN Outlook
11.0% 77.5%

Title
IMAGINE Act

Primary Sponsors
David Cicilline

Bill Summary: Last edited by TFG Reports at Mar 29, 2021, 5:54 PM
This bill encourages the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.

Introduction Date: 2021-03-26

Bill Number
S 939

Last Action
Read Twice And Referred To The Committee
On Environment And Public Works 2021 03 24

Status
In Senate

FN Outlook
4.7% 74.2%

Title
IMAGINE Act

Primary Sponsors
Sheldon Whitehouse

Bill Summary: Last edited by TFG Reports at Mar 25, 2021, 7:41 PM
This bill encourages the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.

Introduction Date: 2021-03-24

Bill Number
HR 2173

Last Action
Referred To The Subcommittee On Water
Resources And Environment 2021 03 24

Status
In House

FN Outlook
7.7% 60.7%

Title
Wastewater Workforce Investment Act

Primary Sponsors
Greg Stanton

Bill Summary: Last edited by TFG Reports at Apr 2, 2021, 6:28 PM
This bill amends the Federal Water Pollution Control Act with respect to wastewater infrastructure workforce development, and for other purposes.

Introduction Date: 2021-03-23

Bill Number
S 916

Last Action
Read Twice And Referred To The Committee
On Environment And Public Works 2021 03 23

Status
In Senate

FN Outlook
9.5% 51.1%

Title
Water Affordability, Transparency, Equity, and Reliability Act of 2021

Primary Sponsors
Bernie Sanders

Bill Summary: Last edited by TFG Reports at Jun 4, 2021, 5:47 PM
This bill provides funding for several programs related to controlling water pollution or protecting drinking water, revises requirements concerning the clean water state revolving fund (SRF) and the drinking water SRF, and creates or reauthorizes several grant programs for water infrastructure. In addition, the bill makes permanent a grant program for household water well systems in rural areas. It also increases the amount of appropriations for grant programs, including a program that awards grants to prevent lead from contaminating drinking water fountains in schools and day care facilities.

Introduction Date: 2021-03-23

Bill Number
HR 1881

Last Action
Referred To The Subcommittee On Water
Resources And Environment 2021 03 15

Status
In House

FN Outlook
4.6% 57.4%

Title
To amend the Federal Water Pollution Control Act with respect to permitting terms, and for other purposes.

Primary Sponsors
John Garamendi

Bill Summary: Last edited by TFG Reports at Mar 15, 2021, 3:14 PM
This bill amends the Federal Water Pollution Control Act with respect to permitting terms.

Introduction Date: 2021-03-12

Bill Number
HR 1015

Last Action
Referred To The Subcommittee On Water
Oceans And Wildlife 2021 03 15

Status
In House

FN Outlook
13.1% 71.2%

Title
Water Recycling Investment and Improvement Act

Primary Sponsors
Grace Napolitano

Bill Summary: Last edited by TFG Reports at Mar 25, 2021, 7:44 PM
This bill makes permanent, and otherwise revises, the Bureau of Reclamation's grant program for the funding of water recycling and reuse projects. Specifically, the bill removes priority under the program for projects in areas that, in the preceding four-year period, have been (1) identified as experiencing severe, extreme, or exceptional drought; or (2) designated as a disaster area by a state. Additionally, the bill increases through FY2025 the authorization of appropriations for the program and otherwise revises provisions related to program funding.

Introduction Date: 2021-02-11

Bill Number

S 722

Last Action

Read Twice And Referred To The Committee
On Energy And Natural Resources 2021 03 11

Status

In Senate

FN Outlook

2.2% 77.2%

Title

Wastewater Efficiency and Treatment Act of 2021

Primary Sponsors

Jeff Merkley

Bill Summary: Last edited by TFG Reports at May 7, 2021, 3:51 PM
This bill amends the Energy Policy Act of 2005 to establish a program to provide grants and loan guarantees to improve the energy efficiency of publicly owned wastewater treatment facilities, and for other purposes.

Introduction Date: 2021-03-11

Bill Number

HR 1660

Last Action

Referred To The Subcommittee On Water
Resources And Environment 2021 03 09

Status

In House

FN Outlook

6.4% 53.1%

Title

Stop Sewage Overflow Act

Primary Sponsors

Lori Trahan

Bill Summary: Last edited by TFG Reports at Mar 15, 2021, 3:05 PM
This bill makes certain municipalities eligible for grants under the Federal Water Pollution Control Act, and for other purposes.

Introduction Date: 2021-03-08

Bill Number

HR 866

Last Action

Referred To The Subcommittee On Water
Oceans And Wildlife 2021 03 03

Status

In House

FN Outlook

7.8% 50.5%

Title

Federally Integrated Species Health Act

Primary Sponsors

Ken Calvert

Bill Summary: Last edited by TFG Reports at Feb 18, 2021, 6:34 PM
This bill amends the Endangered Species Act of 1973 to vest in the Secretary of the Interior functions under that Act with respect to species of fish that spawn in fresh or estuarine waters and migrate to ocean waters, and species of fish that spawn in ocean waters and migrate to fresh waters.

Introduction Date: 2021-02-05

Bill Number

HR 895

Last Action

Referred To The Subcommittee On
Commodity Exchanges Energy And Credit 2021
03 03

Status

In House

FN Outlook

4.5% 52.6%

Title

Emergency Assistance for Rural Water Systems Act of 2021

Primary Sponsors

David Rouzer

Bill Summary: Last edited by TFG Reports at May 7, 2021, 3:56 PM
This bill allows, and provides funds for, the Department of Agriculture (USDA) to provide grants and loans, as well as loan forgiveness, modification, and refinancing, to rural water, wastewater, or waste disposal facilities. Specifically, USDA may provide such assistance for purposes of ensuring public health, safety, and order and to address financial hardships, in particular those due to the COVID-19 (i.e., coronavirus disease 2019) public health emergency.

Introduction Date: 2021-02-05

Bill Number
HR 737

Last Action
Referred To The Subcommittee On Water
Oceans And Wildlife 2021 02 23

Status
In House

FN Outlook
7.9% 51.0%

Title
RENEW WIIN Act

Primary Sponsors
David Valadao

Bill Summary: Last edited by TFG Reports at Feb 5, 2021, 5:10 PM
This bill extends the authorities under the Water Infrastructure Improvements for the Nation Act of 2016 (WIIN Act) providing operational flexibility, drought relief, and other benefits to the State of California.

Introduction Date: 2021-02-02

Bill Number
HR 481

Last Action
Referred To The Subcommittee On Economic
Development Public Buildings And Emergency
Management 2021 02 04

Status
In House

FN Outlook
6.4% 80.1%

Title
Flood Resiliency and Taxpayer Savings Act of 2021

Primary Sponsors
David Price

Bill Summary: Last edited by TFG Reports at Feb 19, 2021, 4:12 PM
This bill safeguards taxpayer resources and strengthens the Nation's resilience against severe storms and flooding.

Introduction Date: 2021-01-25

Bill Number
HR 74

Last Action
Referred To The Subcommittee On Economic
Development Public Buildings And Emergency
Management 2021 02 04

Status
In House

FN Outlook
5.4% 52.9%

Title
Protecting Local Communities from Harmful Algal Blooms Act

Primary Sponsors
Vern Buchanan

Bill Summary: Last edited by TFG Reports at Feb 12, 2021, 5:56 PM
This bill amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act to include algal blooms in the definition of a major disaster.

Introduction Date: 2021-01-04

Bill Number
S 209

Last Action
Read Twice And Referred To The Committee
On Agriculture Nutrition And Forestry 2021 02
03

Status
In Senate

FN Outlook
2.7% 55.9%

Title
Emergency Assistance for Rural Water Systems Act of 2021

Primary Sponsors
Jeanne Shaheen

Bill Summary: Last edited by TFG Reports at Feb 5, 2021, 5:09 PM
This bill provides assistance for rural water, wastewater, and waste disposal systems affected by the COVID-19 pandemic, and for other purposes.

Introduction Date: 2021-02-03

Bill Number

HR 616

Last Action

Referred To The Subcommittee On
Environment And Climate Change 2021 02 02

Status

In House

FN Outlook

9.3% 47.1%

Title

Emergency Water is a Human Right Act

Primary Sponsors

Rashida Tlaib

Bill Summary: Last edited by TFG Reports at Feb 16, 2021, 6:11 PM
This bill prohibits water shutoffs during the COVID-19 emergency period, and provides drinking and waste water assistance to households.

Introduction Date: 2021-01-28

Bill Number

S 29

Last Action

Read Twice And Referred To The Committee
On Environment And Public Works 2021 01 22

Status

In Senate

FN Outlook

16.2% 52.3%

Title

Local Water Protection Act

Primary Sponsors

Amy Klobuchar

Bill Summary: Last edited by TFG Reports at May 7, 2021, 3:49 PM
This bill reauthorizes through FY2025 programs within the Environmental Protection Agency that award grants to states for managing nonpoint source water pollution or protecting groundwater quality. Water pollution from nonpoint sources is caused by precipitation picking up pollution as it moves over or through the ground.

Introduction Date: 2021-01-22

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FiscalNote



For Immediate Release:
December 6, 2022

Contact: Alex Biering, 916-628-0431
abiering@friantwater.org

ENVIRONMENTAL REVIEW PROCESS BEGINS FOR FRIANT-KERN CANAL DRAFT WATER QUALITY GUIDELINES

Lindsay, CA – The Friant Water Authority (FWA) today released a Notice of Preparation announcing its intent to prepare an Environmental Impact Report (EIR) for the proposed *Guidelines for Accepting Water into the Friant-Kern Canal* (Guidelines). The Guidelines will define the water quality thresholds and other requirements for introducing water into the Friant-Kern Canal from a source other than Millerton Lake. FWA, the Lead Agency under the California Environmental Quality Act (CEQA), invites agencies and the public to provide input on the potential scope and content of the EIR. Comments will be accepted until 5 PM on Monday, January 9, 2023. The NOP contains additional details about the project and comment submission information and is available at https://friantwater.org/s/Friant_WQ_Guidelines_NOP_120622.pdf.

FWA has been working jointly with other Friant Contractors since 2017 to develop the proposed Guidelines, which are intended to ensure that water quality in the Friant-Kern Canal is protected for sustained domestic and agricultural use when non-Millerton water supplies are introduced into the canal. For example, these sources of supply could include groundwater pumped into the canal, surface water diversions from adjacent districts, recaptured and recirculated San Joaquin River Restoration Flows, and water delivered through the Cross-Valley Canal and up the Friant-Kern Canal. In order to ensure that water introduced into the Friant-Kern Canal meets the water quality thresholds established by the program, FWA may need to construct facilities for monitoring and forecasting water quality (e.g., construction and maintenance of water quality monitoring stations). The proposed Guidelines are available for download at https://friantwater.org/s/12062022_Proposed_WQ_Guidelines.pdf.

###

FWA is a joint-powers authority formed in 2004 by a majority of the public agencies receiving water from the Friant Division of the Central Valley Project. Its primary purposes are to operate and maintain the Friant-Kern Canal and to serve the information and representation needs of its member agencies.



Operations & Maintenance Report

A compilation of current FWA operations and maintenance activities throughout the 152-mile canal system.

October 2022

OPERATION & MAINTENANCE REPORT

SAFETY, EDUCATION & TRAINING

- Operations Department held tailgate safety meetings in the Lindsay yard, and outlying field office staff attended the Canal and Maintenance meeting.
- Friant staff received environmental training on endangered species completing the annual review.
- Delano, Lindsay, and Orange Cove Foremen held tailgate safety meetings discussing safety hazards and precautions associated with employees' work assignments.
- Delano Forman instructed staff on how to use welding shop tools and equipment, such as a plasma cutter, Mig welder, cutting torches, bench grinders, drill press, and cut-off saws. In addition, personnel protection and safety equipment was discussed, along with using these shop tools.

ACCIDENTS & INJURIES

- Friant staff has worked 2229 days without a lost-time injury accident.
- Friant staff has worked 264 days without a liability accident.

MAINTENANCE SUPERVISION

GENERAL SUPERINTENDENT REPORT

SUBSIDENCE

- Staff worked with Stantec on the Water Quality monitor program.
- Staff continued working with the County of Tulare and Stantec for middle reach plan reviews.
- Managed new construction projects being proposed for the upcoming middle reach outage.
- Staff attended MRRCP field meetings and weekly Teams meetings with USBR and JV contractors.
- Managed system leaks in the construction zone and met with Bureau and Contractor representatives on system tie-ins.
- Weekly staff meeting with COO and Operations Supervisor

PERSONNEL ITEMS

- Staff worked on several personnel items, including annual reviews, policy conformance, and other matters.
- General Superintendent conducted staff meetings with Division Forman and Operations Supervisor.

CONSTRUCTION & MAINTENANCE

FOREMEN REPORTS: DELANO, LINDSAY, & ORANGE COVE MAINTENANCE

WEED & PEST CONTROL

- The following is a summary of the chemical products used during the month by maintenance staff for weed and pest control on various canal sections and the product inventory on hand:

PRODUCTS	UNITS	MAINTENANCE YARD USAGE			TOTAL USAGE	END OF MONTH ON-HAND
		Delano	Lindsay	Orange Cove		
Clearcast	Gal	0	0	0	0	2.50
Copper Sulfate - Old Bridge	Lbs.	0	0	0	0	21,987
Copper Sulfate - Chem One	Lbs.	0	0	0	0	17,150.00
Argos Copper	Gal	0	0	0	0	0
Captain XTR	Gal	0	0	0	0	0
Deploy	Gal	0	0	0	0	0
Diphacinone	Lbs.	0	0	25	16	128
Diuron 4L - Loveland	Gal	0	0	0	0	625.00
Diuron 4L - Drexel	Gal	0	0	0	0	1,890
Lifeline	Oz	0	0	0	0	0
Weather Guard Complete	Oz	0	0	0	0	67.00
Finale	Oz	0	0	0	0	0
Milestone VM	Oz	0	0	0	0	156
Roundup - Custom	Gal	4	76.5	0	80.50	769.50
Roundup - Pro Conc	Gal	4	70.5	68	142.50	1674.50
Forfeit 280	Oz	0	0	0	0	0
Sonar Genesis	Gal	0	0	0	0	2.00
Cheetah	OZ	0	0	0	0	2,020

- Delano and Lindsay's maintenance staff continued the application of Roundup Custom as part of the annual weed control program along the canal right-of-way for post-emergence control of weeds.
- Delano and Lindsay's staff completed using copper sulfate for the year 2022. Copper Sulfate is part of an Algae control program in the Delano Maintenance Section.
- Orange Cove staff continued the application of Roundup Pro as part of the annual weed control.
- Delano maintenance staff continued the application of Roundup Pro Concentrate as part of the annual weed control program.
- Orange Cove maintenance staff hand-cleared vegetation around canal structures.
- Orange Cove staff continued the application of Diphacinone to the canal right-of-way to control California ground squirrels.
- Lindsay maintenance staff began the application of Roundup PRO for post-emergence control of weeds along the FKC right of way.
- Lindsay maintenance staff continued rodent control and damage repair.



Lindsay staff completed plumbing on new boom arm for chemical applications on inside canal banks

CANAL & DIVERSION STRUCTURES

- Lindsay's maintenance staff continued to manually remove weeds on inside bank
- Delano staff continues their structure gate maintenance for the year; Repairs Radial and Slide gates such as oil leaks, gearboxes, motor couplers, wire rope inspection, etc. Staff will Lubed all grease points and wire ropes, repair all metalwork, security fence repairs, deck cleaning, touch-up painting, Buoy ball and wire rope replacement, and debris removal.



Delano staff installs electrical panels at the Shafter Check

- Orange Cove staff continued hauling debris collected from the canal.
- Orange Cove maintenance staff continued clearing wood vegetation from the canal embankment.
- Orange Cove staff continued to clean silt and debris out of several cross-drainages that were filled after heavy rain.



Lindsay staff flushed inlets to remove debris in preparation of winter rains, and created a clear drain and placed a riprap to reduce buildup

- Orange Cove staff began hauling materials off the embankment from the recent desilt project.
- Delano staff continues embankment maintenance to upper and lower Embankments and around structures such as blockhouses, turnouts, bridge abutments, utility tractors, motor graders, and earth moving equipment. By backfilling eroded areas, compacting, and grading materials. Embankment maintenance will prevent erosion to the inside/outside banks, roads, gate structures, and concrete liners.
- Lindsay maintenance staff removed trash illegally dumped on several locations along FKC.
- Lindsay staff sandblasted and repainted the forklift man basket.
- Orange Cove staff continued bridge maintenance activities.

O&M ROADS

- Orange Cove maintenance staff began road patching activities.



Orange Cove staff continue hauling materials off the embankment from the recent desilt project

YARD & BUILDING

- Delano, Lindsay maintenance staff continued to perform routine maintenance and repairs, such

as: yard cleaning, vehicle/equipment repairs, facility improvements, and office duties.

- Delano Staff continues reverse flow pumping, and maintenance requires installing generators, fuel tanks, electrical lines, and debris screens.
- Delano and Lindsay's staff continue installing Bollard guard posts to prevent vehicles and heavy equipment from damaging FWA structures.
- Lindsay maintenance staff removed a tree near the driveway that had become diseased and dangerous.
- Lindsay maintenance staff built a new storage locker to secure valuable tools in the welding shop

RIGHT-OF-WAY MAINTENANCE

- Delano, Lindsay, and Orange Cove maintenance staff continued the removal of illegally dumped trash and removed debris from gate structures to the local solid waste/recycling facility.
- Delano and Orange Cove maintenance staff continued to repair and install security fencing to prevent public access from entering the Friant-Kern Canal right-of-way and structured areas.
- Orange Cove staff continue bridge maintenance activities

The following is a summary of the vehicle and heavy equipment preventive maintenance services and repairs made by the technical services staff.

DELANO, LINDSAY, & ORANGE COVE	TYPE	QUANTITY
In-House Inspections	B – Semi-annual	7
	C - Annual	6
	E - Equipment	0
	BIT - 90-Day Heavy Equipment	5
Outside Inspections	B – Semi-Annual	0
	C - Annual	0
	Smog Test	0
	Smoke Test	0
DELANO, LINDSAY, & ORANGE COVE	TYPE	QUANTITY
In-House Repairs	Light Vehicles	11
	Trucks	9
	Heavy Equipment	6
	Utility Equipment	0
Outside Repairs	Light Vehicles	0
	Trucks	0
	Heavy Equipment	0

ENGINEERING ACTIVITIES

ENGINEER AND ENGINEER TECHNICIAN REPORT

September

RIGHT OF WAY

- Staff continue to work with USBR to ensure ROW boundaries are maintained.
- Staff updating Right-of-Way drawings based on observations found while conducting systemwide audit.
- Staff continues to respond to developers and consultants to ensure the FKC and ROW is maintained.
- Staff completed review of proposed NKWSD Permanent Discharge Structures at FKC project drawings and documents and submitted final comments to the Bureau.
- Staff worked with Stantec to complete request from Saucelito Irrigation District for updated acreage changes associated with the MRCCP to update their assessment rolls.

OPERATIONS ACTIVITIES

OPERATIONS SUPERVISOR REPORTS

Operations Staff during the month of October delivered 36,518 acre-feet. Total water diverted year-to-date to FKC Contractors is 306,352 acre-feet.

Reported sump pump deliveries of 3 acre-feet and year to date total of 22 acre-feet.

- Staff completed and sent out the ROWD's for the month of October
- Staff completed solar work at the Measuring Bridge.
- Staff checked 20 transmitters and calibrated 15 transmitters on the canal system.
- Staff took water samples throughout the canal and for copper sulfate
- Staff replaced a Honeywell Recorder at the Reservoir Check.

ELECTRICAL

- Staff met with Delano Crew for the Shafter pump over project.
- Staff met with inspectors from PG&E to complete the Shafter pump over project.
- Staff checked irrigation lines at the Kings River Check.
- Staff installed new electrical in the measuring bridge blockhouse.
- Staff helped with the installation of the solar panels for the sonar sensors at the measuring bridge.
- Staff worked on design for the control panel at Shafter Check.

SCADA

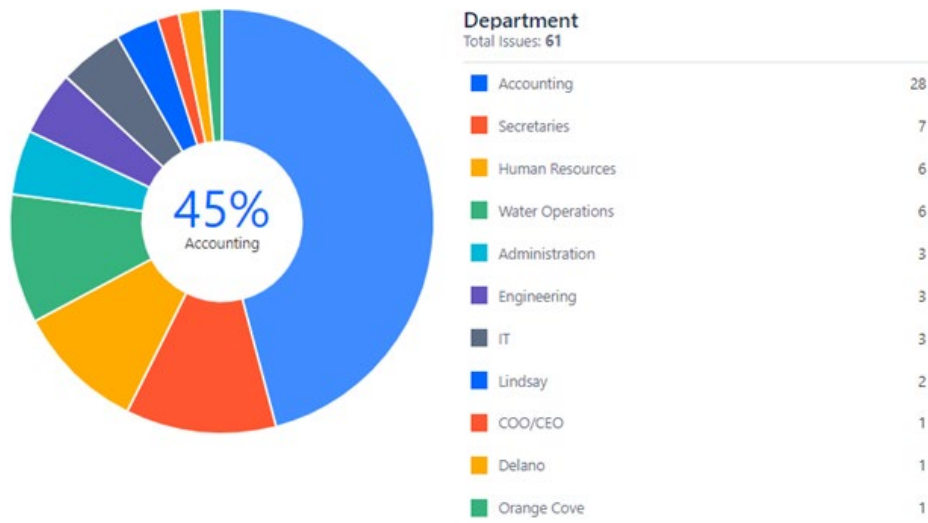
- Staff updated the firmware in the Scadapacks at SandCreek. After Installing the new firmware, I checked the operation of the check and turn out.
- Staff removed old equipment from the roof of the Measuring Bridge Blockhouse, pressure washed the inside and painted the inside in preparation for solar power installation. We will be installing a meter, to see the actual flow coming from the dam.
- Staff replace faulty level sensor at Dodge Ave. (see Fig1)
- Staff reset the EC sensor at Woollomes.

- Staff reset Stone Corral 2, OC1, 40E, Kern Tulare 3, and international modems to restore communications.
- Staff swapped SIM card at OC1 to restore communications.
- Staff repaired Poso Creek Scadapack controller.
- Troubleshoot Arvin Edison gate 3 not closing. After testing the function of the actuator and flushing the gate, found debris under the gate.
- Continued to make improvements in Geo Scada HMI.
- Staff assisted Instrument Tech with checking Delano meters.
- Staff took water orders while the water resource tech was out.



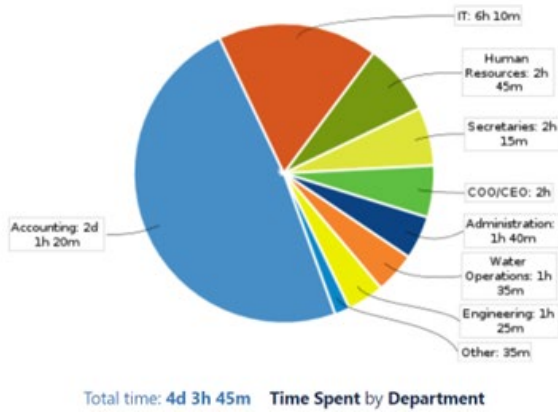
INFORMATION TECHNOLOGY

- Staff is working to limit/block phishing/spam attempts. Barracuda blocked 2,099 incoming phishing/spam emails for the month of October. 7,160 emails were Quarantined.
- Graphus deleted 94 unsafe emails that made it through Barracuda. Graphus also identified and quarantined 34 attacks, 5 of which were cases of Executive Spoofing.
- Staff continued internal phishing campaigns through Bullphish.
- Staff launched encryption software with Zix for email correspondence. Zix simplifies correspondences with SLDMA and JPIA for FWA staff.
- Staff continued the initiation phase for the installation of Rubrik’s backup appliance.
- Staff worked to bring several computers on the network into compliance with updates.
- Staff performed after hours Server maintenance.
- Staff developed a cyber security associate risk assessment for monthly review with the COO to manage and identify current vulnerabilities.
- Staff coordinated various support with Grossmayer & Associates to reconcile payables transactions and interfund transactions in Great Plains, deploy new smart lists, and export quarterly tax report.
- Staff continued to work with accounting towards the development and implementation of a Professional Master Service Agreement with Grossmayer & Associates.
- Staff worked with the accounting department to identify equipment that is no longer supported and coordinate plans for replacement.
- Staff received 61 Helpdesk tickets in October.



Number of resolved tickets

Workload Pie: October



Key	Hours
Accounting	17
Administration	1
COO/CEO	2
Delano	0
Engineering	1
Human Resources	2
IT	6
Lindsay	0
Orange Cove	0
Secretaries	2
Water Operations	1

Time spent Tickets submitted by Department 1 Day = 8hours 1Week = 40hours

Agenda Report

Agenda No. 4.F.

DATE: December 9, 2022
TO: Board of Directors
FROM: Austin Ewell
SUBJECT: Water Blueprint for the SJV

SUMMARY:

The Water Blueprint for the San Joaquin Valley (Blueprint) is a non-profit group of stakeholders, working to better understand our shared goals for water solutions that support environmental stewardship with the needs of communities and industries throughout the San Joaquin Valley.

Blueprint's strategic priorities for 2022-2025: Advocacy, Groundwater Quality and Disadvantaged Communities, Land Use Changes & Environmental Planning, Outreach & Communications, SGMA Implementation, Water Supply Goals, Governance, Operations & Finance.

Mission Statement: *"Unifying the San Joaquin Valley's voice to advance an accessible, reliable solution for a balanced water future for all."*

Committees:

Executive/Budget/Personnel: The Chair and ED will be conducting an end-of-year review with Providence the management consulting team. An executive director application and job listing was circulated to solicit applicants; Search Committee and Board are evaluating the search for more permanent management for the Blueprint and reviewing next steps.

Advocacy: The Blueprint is finalizing a trifold handout to highlight the Blueprint pursuits and asks. A year end summary of activities will be circulated to participants and available online by the end of the year.

The Blueprint coordinated with SJV water agencies and contributed to a white paper of priorities sent to Advisor Villariagosa to address Valley water infrastructure opportunities and areas of improvement for water management in CA, including fundamental regulation reform, conveyance facility repair, GSP project funding, climate adaptive improvements in the Delta and Sites/SLR raise. Follow up correspondence is occurring with Villariagosa and a meeting is being scheduled to review the white paper.

Draft Multibenefit Land Repurposing Bill:

Staff from Senator Padilla's office is continuing to engage with stakeholders including the Blueprint on DRAFT legislation that is modeled off of California's [Multibenefit Land Repurposing Program](#), run through CA's Department of Conservation. It appears their goal with this draft legislation is for the federal government to be able to support this type of state-level effort, and the **voluntary efforts** by agricultural water users to reduce consumptive water use and to repurpose agricultural land for multiple benefits as described in the draft bill.

The Blueprint was asked to contribute to the drafting effort and continue to review and comment on the evolving draft language. The Blueprint will continue coordinating with the Family Farm Alliance as well as other organizations on providing input consistent with the Family Farm letter provided to Padilla's office.

SJV Water Collaborative Action Program (SJVWCAP):

The CAP plenary group was able to come to an agreement on a term sheet with an initial list of desired outcomes and potential solutions to water issues in the San Joaquin Valley. Term Sheet is only two pages but provides a relatively insightful and far-reaching framework for a sustainable water future for the San Joaquin Valley. CAP Phase 2 will need to build on the relationships of trust, creativity, and hard work that allowed for agreement on the Term Sheet. A copy of the Official CAP Term Sheet as approved by the Plenary Group on November 22, 2022, is included in the report.

RECOMMENDED ACTION:

There is no recommended action at this time. The Board gave initial direction to pursue this collective effort and report back on its status.

CAP TERM SHEET

Approved November 22, 2022

Mutually Beneficial Gains

The overall guiding principle of CAP is that the goals of the caucuses will be achieved on a mutual basis. All caucuses will share benefits as the program moves forward. No caucus can advance its interests at the expense of others. CAP's governance is designed to assure mutually beneficial outcomes. Each caucus can object to and stop a CAP action from moving forward. This means that each caucus knows that its goals and concerns must be respected and each caucus benefits from working to advance the interests of the other caucuses.

CAP Desired Outcomes

1. **Safe Drinking Water.** By 2035, all San Joaquin Valley (Valley) residents will have access in a timely manner to safe, reliable, and affordable drinking water no matter the hydrologic conditions. This means prioritizing both interim and long-term water supply and water quality challenges for all residents, including those faced by small communities and domestic well users.
2. **Sustainable Water Supplies.** Sustainable water supplies will be available to support a diverse economy, thriving ecosystems, access to safe, reliable, and affordable drinking water for all Valley residents, and a sustainable level of agricultural production.
3. **Ecosystem Health.** The Valley landscape will increase its habitat areas to support an array of species and healthy aquatic ecosystems, including floodplain, riparian, wetland, on-farm, and upland habitat.
4. **Sustainable Agriculture:** California will continue to provide reliable, safe, and secure food and fiber with industry-leading protections for workers, in-Valley communities, and the environment. The Valley will continue to be a major agricultural resource by preserving as many acres of sustainable farmland as possible while being a good neighbor to communities and ecosystems.
5. **Public Investment in Desired Outcomes:** Sufficient public funds will be invested to support a) the necessary natural and constructed infrastructure to increase supply, b) demand reduction strategies including land repurposing, and c) other investments to accomplish the Desired Outcomes.
6. **Consistent Policies.** State and federal policies and funding will be aligned to advance the Desired Outcomes. Expedited permitting and regulatory review processes will be available for qualified multi benefit projects and other actions to achieve the Desired Outcomes.
7. **Local Government Resources:** Local governments will have adequate resources, staffing, and capacity necessary to play a vital role in the transition to sustainable water resources management in the Valley.
8. **Sound Science.** Decisions will be made using the best available and independent science possible. Adaptive management with monitoring, deployment of the best available technology and outcome accountability will be necessary to maximize the effectiveness of resource decisions.

CAP Solutions Elements

1. **Safe Drinking Water.** Support state and local agencies and communities in efforts to address data gaps, fund emergency solutions (such as bottled water delivery and well replacement), ensure strong local well mitigation programs, and promote long-term solutions such as consolidation and targeted recharge projects.

2. **Sustainable Water Supplies.** Eliminate the demand-supply gap and long-term overdraft with co-equal efforts to reduce demand and increase supply by prioritizing projects that will benefit multiple stakeholders.
 - a. **Reduce Demand.** Reduce demand via responsible groundwater management and incentivizing landowners to voluntarily repurpose irrigated agricultural lands to other beneficial uses that require little or no water, with compensation to landowners for creating public benefits and water rights reserved by landowners, consistent with applicable GSPs, with a priority for groundwater demand reduction programs where they benefit those reliant on shallow groundwater resources without hindering the ability to replenish aquifers for sustainable agriculture and other beneficial uses.
 - b. **Increase Supply.** As available, increase supply for sustainable agriculture primarily by managing in-Valley and through-Delta flood flows for use and aquifer replenishment.
 - c. **The Delta.** In partnership with Delta interests and stakeholders, conduct a science-based assessment of the Delta with independent scientific experts to-
 - i. Determine how much additional water can be diverted from the Delta during high flow events while protecting ecosystem health and Delta communities, consistent with PPIC May 16, 2022, Policy Brief (PPIC Report).¹ As of the above date, the PPIC Report confirms the availability of increased Delta exports in wet years. CAP will support conducting an assessment of increased Delta exports during high flow events in other year types.
 - ii. Assess the reduction of non-flow stressors in the Delta (e.g., predation, invasive plants, urban effluent, agricultural runoff, disease/competition, changes in food etc.). CAP will support the review of existing studies on non-flow stressors to decide next steps and best investment in further research.
 - iii. Explore reservoir reoperation that takes into account leading edge forecasting technology to serve multiple benefits.
3. **Ecosystem Restoration.** Create one of the largest restoration programs, in part, through voluntary land repurposing of a portion of the Valley’s irrigated land to create a range of habitats.
4. **Coordinated Changes in Land Use.** Ensure Valley-wide land use change helps accomplish CAP goals by working through the California Multibenefit Land Repurposing Program and related state programs, while also leveraging federal sources of funding. Ensure outreach and protections for communities and locally defined small farmers through this program. Explore supportive programs for farmworkers who are displaced by land use changes.
5. **Effective Implementation.** Work through the politically diverse CAP coalition to align state and federal policies and funding as informed by units of local government. Implementation measures should ensure additional funding and staffing resources for local governments so that they can play a vital role in transitioning the Valley to sustainable water resource management.

¹ PPIC Policy Brief: Tracking Where Water Goes in a Changing Sacramento–San Joaquin Delta, May 16, 2022: “Increasing the amount of water stored during wet periods—whether by taking more water out upstream of the Delta, or making the best use of export facilities—has to be done with care for the environment and other water users. But it is possible to do a better job of storing water during wet years—both above and below ground—without doing harm. Improving the management of wet-year supplies is a critical climate change adaptation strategy. This will require identifying cost-effective investment options and adapting operations and regulatory approaches to facilitate capturing more water in wet times.”

DATE: December 9, 2022

TO: Board of Directors

FROM: Wilson Orvis, Chief Financial Officer

SUBJECT: San Luis & Delta Mendota Water Authority Update

SUMMARY:

Friant Water Authority staff engaged with San Luis & Delta-Mendota Water Authority (SLDMWA) via the Finance and Administration Committee (FAC) meetings on November 7 and December 5, 2022 and the Board of Directors' (BOD) Meeting on November 10, 2022 as well as additional staff-to-staff meetings throughout the last month.

There were three items associated with SLDMWA over the last month that pertain to FWA operations: (1) San Joaquin River Releases to Mendota Pool and (2) Water Year (WY) 2023 Operations, Maintenance, and Replacement Budget Formulation, and (3) Aging Infrastructure Funding Application for Extraordinary Maintenance (XM) Projects.

San Joaquin River Releases to Mendota Pool:

- From April through July of this year, due to a temporary interruption of service of sufficient quantities of substitute water to be conveyed through project facilities operated and maintained by SLDMWA, Reclamation released flows that bypassed Friant Dam down the San Joaquin River to the Mendota Pool to meet Exchange Contractor demand.
- FWA and SLDMWA are continuing to have discussions regarding how these releases are to be treated under the Memorandum of Understanding between FWA and SLDMWA.

WY 2023 Operations, Maintenance, and Replacement (OM&R) Budget Formulation:

- SLDMWA is in the midst of review of their proposed WY 2023 OM&R Budget. FWA participated in the review of the budget through participation on their O&M Committee and FAC meeting. SLDMWA is holding a joint workshop to review the budget and obtain input from the committees and the Board on December 14, 2022.

Aging Infrastructure Funding Application – XM Projects:

- On December 1st, as a Transferred Works Operator, SLDMWA submit an application for Aging Infrastructure Funding from the Bureau of Reclamation for the following projects. Aging Infrastructure Funding is a new source of reimbursable funding available to Transferred and Reserved Works of the Bureau of Reclamation to address extraordinary maintenance project funding needs. SLDMWA's application included requested funding for the following projects:
 - Jones Pumping Plant Excitation System and Control Modernization Project (\$25 million)
 - Delta-Mendota Canal Subsidence Correction Project (\$830 million)

ATTACHMENTS

None this month.

DATE: November 15-17, 2022

TO: Board of Directors

FROM: Wilson Orvis, Brian Thomas, and Ian Buck-Macleod

SUBJECT: **FINAL BOARD OFFSITE REPORT: Approaches to Allocating Costs and Benefits for the Friant-Kern Canal (FKC) Capacity Correction Project, Phase 2 Plus (Phase 2+)**

INTRODUCTION:

This session focused on coming to consensus on a series of principles to support the approach for developing a methodology for allocating costs and benefits from construction projects beyond Phase 1 of the Middle Reach Capacity Correction Project (MRCCP) that are designed to achieve capacity within the FKC to the originally designed parameters.

TABLE DISCUSSION

1. Do the proposed principles address the concerns regarding Phase 2+ cost allocation and benefits from both (1) Districts that stand to benefit and (2) Districts that do not stand to benefit?
2. What, if any, additional principles or revisions to the proposed principles are necessary to develop consensus among the FKC Districts for a path forward for Phase 2+ Projects?

The table discussions addressed each principle individually as well as discussed them as a whole. In general, there was a general consensus supporting all 5 principles (see attached White Paper). For Principle 1, **Public Benefit Project**, and Principle 2, **Voluntary Participation**, there was near unanimous support for those principles. For Principle 3, **Beneficiary Pays**, Principle 4, **No “Dedicated Capacity,”** and Principle 5, **No Detrimental Operational Impacts**, while the group generally supported these principles, it was recognized the details associated with the Friant Operating Guidelines were critical to successfully implement the principles. Specifically, there was discussion about how the Friant Operating Guidelines (FOG) would be revised to reflect the “beneficiary pays” principle. The priority system in the FOG would likely need to be revised such that water conveyed for Participating Entities (those Friant Contractors who contribute funds to the construction of Phase2+ projects) could have priority over non-participating Class 2 Contractors to help encourage all beneficiaries to participate and to ensure Participating Entities received the value for their investment. Further – should future subsidence or other constraints occur in the Friant Kern Canal, Participating Entities would continue to have the benefit of their investment. This could result in maintaining the priorities in the FOG or proportional reductions in priorities.

NEXT STEPS:

1. **[November 2022]** Submit an application (due date is December 1, 2022) to the Bureau of Reclamation for Aging Infrastructure funds for Phase 2+ Projects. The application is non-binding (if selected, a repayment contract would need to be developed and approved by Board Resolution).
2. **[December 2022 – January 2023]** Use balance in the existing contract with Stantec to continue working on issues associated with cost allocation and operational modeling.
3. **[December 2022 – January 2023]** Develop an activity agreement among the Beneficiaries and Participating Entities to fund the needed analysis, planning documents, cost allocation, and operational guidelines associated with the Phase 2+ projects. The cost of these activities and analysis would be allocated among the Participating Entities. Cost-shares would be tracked and included in the total costs of any projects to be pursued. These costs would be part of the “true-up” over time. The goal is for the participating contractors to agree to the scope and cost allocation for the initial activity agreement by the Water Users Conference in January, so that it can be brought to the FWA Board of Directors for approval at the end of January/beginning of February.
4. **[February 2023 - forward]** Under an approved activity agreement with the participating contractors and in coordination with Reclamation, conduct additional planning, operational analysis, and pre-construction activities for Phase 2+ Projects. FWA will provide regular updates at the monthly General Managers meetings and Board meetings, when applicable, regarding status of these efforts.

ATTACHMENTS

1. White Paper – Approaches to Allocating Costs and Benefits for Friant-Kern Canal (FKC) Capacity Correction Project, Phase 2 Plus (Phase 2+)

DRAFT White Paper

Approaches to Allocating Costs and Benefits for Friant-Kern Canal (FKC) Capacity Correction Project, Phase 2 Plus (Phase 2+)

November 15, 2022

Prepared By: Wilson Orvis, Brian Thomas, & Ian Buck-Macleod

- 1. Purpose.** The purpose of this white paper is to set forth a series of principles to inform the approach for developing a methodology for allocating costs and benefits from construction projects beyond Phase 1 of the Middle Reach Capacity Correction Project (MRCCP) that are designed to achieve capacity within the FKC to the originally designed parameters.
- 2. Background.** During earlier phases of planning of the FKC Capacity Correction Project, various proposals were developed to provide incentives for commitments by FKC Contractors in financing the construction necessary to restore the capacity of the FKC. Ultimately, based upon input from FKC Contractors and FWA Board action, a cost allocation plan for Phase 1 of the MRCCP was approved. This plan, referred to as the “Family Plan,” required all FKC Contractors to participate in covering the Phase 1 costs subject to: (1) a \$50 million dollar ceiling, (2) allocating costs using the same methodology as that for existing FKC routine operations, maintenance, and replacement (OM&R), and (3) Phase 1 was limited to restoring capacity of the FKC back to its *historic* capacity. The method for allocation of cost and benefits for any additional phases under the FKC Capacity Correction Project was to be determined at a later time.

Investment = Permanent Benefit. Previous approaches to this subject relied on the notion that those FKC Contractors that choose to invest should realize specific, long-term benefits for that investment. In various permutations, the “benefit” has been the provision of “dedicated capacity” in the canal based upon the increase in capacity Phase 2+ projects realize as a result of the funding of costs by investing FKC Contractors. Any non-reimbursable Federal, State, or local funding (such as settlement funding from groundwater sustainability agencies) used to fund the increased capacity would be allocated to all FKC Contractors. This approach (often referred to as “Zone 3”) raised serious concerns among a number of the FKC Contractors, with such concerns ranging from impacts to contractor deliveries north of the pinch point to impacts/policy changes driven by private investment in these projects.

- 3. Basic Principles.** To restart discussions regarding allocating costs and benefits for construction of phases beyond Phase 1 of the FKC Capacity Correction Project (referred to as “Phase 2+” within this paper), the following basic principles are being proposed. These basic principles are designed to address concerns raised during earlier iterations of concept development for Phases 2+:

- A. Public Benefit Project.** The Friant-Kern Canal is a publicly funded project that provides broad multi-purpose benefits to the San Joaquin Valley. As such, direct private investment in Phase 2+ projects will **not** be supported. Financial participation will be limited to Friant-Kern Canal Contractors and any Federal, State, or local funding sources leveraged/secured by FWA to match those contributions.

- B. Voluntary Participation.** The decision to provide funding in support of Phase 2+ projects will be entirely up to each FKC Contractor. Phase 2+ projects will be initiated once sufficient funding from willing FKC Contractor partners and Federal, State, and local funding leveraged by FWA as cost match to those funds is secured. Further, as Phase 2+ projects are only viable if sufficient funding is provided from participating FKC Contractors, obligations and benefits associated with any cost-share match from Federal, State, or local funding sources secured by FWA leveraging the funding provided by participating FKC Contractors will be borne by the participating FKC Contractors.
- C. Beneficiary Pays.** Alternatives to the Family Plan cost allocation for projects beyond Phase 1 will reflect a “beneficiary pays” concept. That is, each of the funding FKC Contractors who are willing and able to fund the additional capacity should receive the benefits of that additional capacity and capability in the upgraded FKC. Specific tenets include:
- 1) Participating Contractors. For those FKC Contractors that choose to participate in Phase 2+ projects, costs for those projects will be allocated to each participating contractor based upon the anticipated benefits to be derived. Initially, costs will be allocated based upon anticipated benefits. After Phase 2+ project construction is substantially complete, the cost allocation will be adjusted amongst beneficiaries based upon actual benefits received over an extended period of time. The specifics of this “true-up” will be developed and approved by the FWA Board of Directors as a part of the approved cost allocation methodology.
 - 2) Non-Participating Contractors. If a non-participating contractor or Non-FKC Warren Act Contractor proposes to make use of the increased capacity derived from Phase 2+ projects, they must pay a conveyance charge that will be used to offset the costs incurred by FWA and the FKC Contractors that participated in the funding of the Phase 2+ projects. The conveyance charge calculation would need to be developed and approved by the FWA Board of Directors.
- D. No “Dedicated Capacity.”** Given that all of the FKC Contractors are public agencies and the FKC is owned by the Bureau of Reclamation, capacity rights would not be distributed to the funding agencies. As an alternative, differentiation of Class 2 priorities pursuant to the FKC Operating Guidelines (FOG) or revised FOG could be considered.
- E. No Detrimental Operational Impacts.** The benefits derived from participating contractors from any increase in capacity over historic capacity as a result of Phase 2+ projects would **not** reduce the ability of FKC Contractors to receive water deliveries that they would otherwise have received under the historic capacity constraints.

Lined area for taking notes, featuring 20 horizontal lines. The bottom portion of the page is partially obscured by two overlapping leaf-like shapes: a larger light blue one and a smaller light green one below it.