

BOARD OF DIRECTORS MEETING | Agenda

THURSDAY, SEPTEMBER 22, 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.

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Phone Conference ID: 170 888 438#

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.
 4. *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. CONFERENCE WITH LABOR NEGOTIATORS
(Government Code section 54957.6)
Agency designated representatives: COO, CFO, HR
Unrepresented employees

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 August 25, 2022. (Loeffler)
- B. Ratify September 2022 Bills and Accept the Cash Activity Reports for August 2022. (Orvis)

- C. Five-Year “As a Service” IntelliSite/EPIC IO Contract– Approve five-year contract with IntelliSite for Supervisory Control and Data Acquisition (SCADA) support services. (Hickernell/Orvis)

3. ACTION ITEMS (20 MINUTES)

- A. FY 2023 OM&R Budget – Final approval of the proposed FY 2023 OM&R Budget. (Orvis/Amaral/Hickernell)
- B. Proposed Employee Cost-of-Living Adjustment for Fiscal Year 2023. (Amaral/Garcia)

4. GENERAL UPDATES & REPORTS (80 MINUTES)

- A. FKC Middle Reach Capacity Correction Project Update - Construction Progress Report and Financial Summary (Stantec Atkinson)/Amaral/Davis/Orvis/Phillips) (10 minutes)
- B. FKC Systemwide Capacity Correction Reconnaissance Study Update. (Stantec Perez/Buck-Macleod) (20 minutes)
- C. Water Operations Update. (Buck-Macleod) (10 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. 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 Toni Marie at 559-562-6305 or tmarie@friantwater.org at least 48 hours prior to the meeting.

BOARD OF DIRECTORS MEETING | Minutes**THURSDAY, AUGUST 25, 2022****CLOSED SESSION – 8:30 A.M. /OPEN SESSION – 10:00 A.M.**

Visalia Convention Center, 303 E. Acequia Ave., Visalia, CA 93291

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)
Brock Buche	City of Fresno (CofF)
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)
Rick Borges	Tulare I.D. (TID)

Non-FWA Directors Present:

None

Directors Absent:

Kole Upton	Chowchilla I.D. (CWD)
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APPROVAL OF THE AGENDA

The Board approved the agenda as presented.

M/S/C – Motion by Chairman Loeffler, seconded by Director Erickson, to approve the agenda as presented. The motion carried. (Roll Call Vote: Ayes – AESWD, CofF, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID, TID; Nays – 0; Absent – CWD, HVID)

PUBLIC COMMENT ON CLOSED SESSION ITEMS

There was no public comment on closed session items.

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
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B. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION

(Government Code section 54956.9(d)(2))

Significant Exposure to Litigation: Five 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

There was no reportable action taken in closed session.

PUBLIC COMMENT / PUBLIC PRESENTATIONS

There were no comments from the public.

2. CONSENT CALENDAR

A. Approval of the Minutes – Board of Directors Meeting of June 23, 2022. (Loeffler)

B. Ratify July 2022 Bills and Accept the Cash Activity Reports for June, 2022. (Orvis)

M/S/C – Motion by Director Tantau, seconded by Director Borges, to approve the consent calendar as presented. The motion carried. (Roll Call Vote: Ayes – AESWD, CofF, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID, TID; Nays – 0; Absent – CWD, HVID)

3. ACTION ITEMS

- A. Review and acceptance of the Financial Statements and Independent Audit Report for Fiscal Year ending September 30, 2021. (Brian Henderson / Orvis)

M/S/C – Motion by Director Borges, seconded by Director Brownfield, to approve the proposed FY 2022 OM&R Budget. (Roll Call Vote: Ayes – AESWD, CofF, FID, KDWCD, KTWD, LID, LSID, MID, OCID, PID, SID, TPWD, TBID, TID; Nays – 0; Absent – CWD, HVID)

4. GENERAL UPDATES & REPORTS

- A. FKC Middle Reach Capacity Correction Project Activities and Schedule Update – Janet Atkinson of Stantec provided a progress report and a financial summary on the FKC Middle Reach Capacity Correction Project construction activities.
- B. Water Operations Update – WRM Buck-Macleod provided an overview of both Friant Water Operations and Bureau of Reclamation water operations.
- C. FKC Water Quality Guidelines Update – WRM Buck-Macleod reported on the status of Water Quality Guidelines as included in the packet.
- D. External Affairs Activities – COO/CEA Amaral reviewed both state and federal affairs reports.
- E. O&M Report – Maintenance Superintendent Chris Hickernell reviewed the monthly O&M activities report in the agenda packet. Hickernell also provided on a special report on efforts to reduce potential canal overflows during construction of the MRCCP.
- F. San Joaquin Valley Blueprint Update – Austin Ewell reported that the 5 caucuses are drafting a term sheet with an initial list of desired outcomes and potential solutions to water issues in the San Joaquin Valley. This will pave the way to move the collaborative effort forward into Phase II.
- G. San Luis & Delta-Mendota Water Authority Update – CFO Orvis provided a brief report on SLDMWA activities as included in the packet.
- H. CEO Report – CEO Phillips reported that he is currently in San Diego for the Urban Water Institute, for which he serves as a board member. His panel discussion on California water collaboration is scheduled for tomorrow.
- I. Special Presentation – Don Portz, Program Manager and Chad Moore, Restoration Flow & Science Coordinator presented the background and status of the Water Management Goal of the San Joaquin River Restoration Program, including its goals, milestones, and a budget summary.

The meeting adjourned at 1:57 p.m.

Jason R. Phillips, Chief Executive Officer
Friant Water Authority

Mia Swenson, Recording Secretary
Friant Water Authority

OTHERS IN ATTENDANCE:

Jocelyn Bean	FWA
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
Don Davis	FWA General Counsel
John Bezdek	FWA General Counsel
Alan Doud	Young Wooldridge
Bill Stretch	Fresno I.D.
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.
Dina Nolan	Madera I.D.
Steve Ottemoeller	Ottemoeller Consulting
Mike Hagman	Lindmore I.D.
Steve Dalke	Kern-Tulare W.D.
Eric Quinley	Delano-Earlimart I.D.
Austin Ewell	SJV Blueprint
Don Wright	Waterwrights.com
Kris Lawrence	Shafter-Wasco I.D.
Geoff Vanden Heuvel	Milk Producers Council
Aubrey Mauritsen	Visalia Law
Fergus Morrissey	Orange Cove I.D.

Doug Gosling
Brian Thomas
Janet Atkinson
Neyba Amezcua
Doug Jackson

Braun Gosling
FWA Consultant
Stantec
City of Lindsay

Agenda Report

No. 2.B

DATE: September 22, 2022

TO: Board of Directors

FROM: Wilson Orvis, CFO

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

SUMMARY:

The Finance Committee met on September 19, 2022 and reviewed the bills for September 2022 and the financial reports for month ending August 31, 2022. There was a quorum at the meeting.

FINANCE COMMITTEE ACTION:

At the September 19, 2022 meeting the Finance Committee acted to recommend that Board of Directors approve payment of the September 2022 bills in the amount of \$13,044,243.44, and accept the Financial Reports for month ending August 31, 2022.

SUGGESTED MOTION:

The Board of Directors approve payment of the September bills in the amount of \$13,044,243.44 and accept the Financial Reports for month ending August 31, 2022.

BUDGET IMPACT:

- \$288,864.45 (bills) and \$310,187.34 (payroll) is chargeable to the FY 2022 Operations, Maintenance, and Replacement (OM&R) Budget;
- \$85,984.65 (bills) and \$63,833.53 (payroll) is chargeable to the FY 2022 General Membership Budget;
- \$111,843.36 is to be recovered under existing grant agreements;
- \$1,026,621.99 to San Luis & Delta-Mendota Water Authority for forecasted Exchange Contractor deliveries for the month of October;
- \$10,720,138.82 is chargeable to Middle Reach Capacity Correction Project, Phase 1, of which \$10,529,000 is the CY2022 Q3 construction contract payment to the Bureau of Reclamation; and
- \$436,769.30 is 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, SEPTEMBER 2022

	<u>PAYEE</u>	<u>O&M FUND</u>	<u>GM FUND</u>	<u>TOTAL</u>	<u>DESCRIPTION</u>
	BILLS PAID SEPTEMBER 12, 2022				
1	ACWA / JPIA	\$ 75,869.56	\$ 6,561.03	\$ 82,430.59	Medical, Dental & Vision Insurance
2	ADT COMMERCIAL	75.00	-	75.00	Alarm Services-Delano Yard
3	AMAZON CAPITOL SERVICES, INC.	2,116.20	-	2,116.20	Office & Kitchen Supplies
4	AT&T	255.70	-	255.70	Utilities-Telephone
5	AUTO ZONE, INC.	14.15	-	14.15	Parts & Supplies-Lindsay Yard
6	BANK OF AMERICA	18,171.34	2,588.75	20,760.09	Various Visa Charges
7	BARNES WELDING SUPPLY INC	18.75	-	18.75	Welding Supplies-Lindsay Yard
8	BATTERY SYSTEMS INC.	328.47	-	328.47	Parts & Supplies- Delano Yard
9	BIG GREEN IT, LLC	1,860.00	-	1,860.00	Office 365 Subscription, Teams Premium and Support
10	BLANKINSHIP & ASSOCIATES, INC.	3,433.33	-	3,433.33	Consulting Services-July
11	BOOT BARN INC.	151.15	-	151.15	Safety Boots
12	BRIAN G. THOMAS	1,200.00	-	1,200.00	Consulting Services-August
13	BURKE, WILLIAMS & SORENSEN, LLP	15,362.50	1,755.00	17,117.50	Consulting Services-July
14	C & H FENCE & PATIO, INC.	2,524.40	-	2,524.40	Supplies-Chain link Fence
15	CALIFORNIA INDEPENDENT PETROLEUM ASSOCIATION	-	1,285.00	1,285.00	Sacramento Office-September
16	CENTRAL VALLEY TOOLS & EQUIPMENT INC	140.29	-	140.29	Parts & Supplies-Lindsay Yard
17	CHEVRON AND TEXACO CARD SERVICES	448.39	-	448.39	Fueling for vehicles-Delano Yard
18	CITY OF DELANO	232.74	-	232.74	Utilities
19	COMCAST	166.60	-	166.60	Internet Service-Sacramento
20	COMMUTER INDUSTRIES	-	975.00	975.00	Waterline and Podcast
21	DINUBA LUMBER COMPANY	120.58	-	120.58	Parts & Supplies-OC Yard
22	E M THARP INC	2,214.96	-	2,214.96	Press Machine Parts & Service-Lindsay
23	EXECUTIVE SUITES AT RIVER BLUFF, LP	-	2,005.00	2,005.00	Fresno Office Rent-August
24	FASTENAL COMPANY	33.60	-	33.60	Repair Parts-OC Yard
25	FOOTHILL AUTO TRUCK & AG PARTS, INC.	570.05	-	570.05	Parts & Supplies-OC Yard
26	FRONTIER	950.54	-	950.54	Utilities-Telephone Lindsay Office
27	FRUIT GROWERS SUPPLY CO	153.34	-	153.34	Parts & Supplies-Lindsay Yard
28	GRAINGER	173.44	-	173.44	Office Supplies-OC Office
29	GROSSMAYER & ASSOCIATES	675.00	-	675.00	GP Support-Accounting
30	HOME DEPOT CREDIT SERVICES	2,883.89	-	2,883.89	Parts & Supplies-Lindsay Yard
31	HUTCHERSON, JOCELYN	550.99	-	550.99	Education & Training-Web Design
32	JESS AUTO REPAIR	81.75	-	81.75	Repair Parts-Lindsay Yard
33	JIM'S STEEL SUPPLY	2,768.43	-	2,768.43	Steel Supplies-Delano Yard
34	KAN VENTURES, INC.	-	4,000.00	4,000.00	Professional Services-August
35	LINCOLN NATIONAL LIFE INSURANCE CO.	3,560.01	517.51	4,077.52	Survivors Life Insurance
36	LINDE GAS & EQUIPMENT INC.	14,384.48	-	14,384.48	Shop Supplies-Welding Machine-Lindsay Yard
37	MARTIN TERMITE & PEST CONTROL	55.00	-	55.00	Pest Control Service
38	MBK ENGINEERS	6,735.00	-	6,735.00	Professional Services-July
39	MERLE STONE CHEVROLET CADILLAC	714.95	-	714.95	Replacement Parts-Delano Yard
40	MID VALLEY DISPOSAL	160.08	-	160.08	Waste Pickup Service
41	MOONLIGHT MAINTENANCE SERVICES	1,979.00	-	1,979.00	Janitorial Services- All Yards
42	NUTRIEN AG SOLUTIONS	2,424.39	-	2,424.39	Cheetah Pro 7.5 GAL
43	ORANGE COVE TIRE SERVICE	15.00	-	15.00	Tire Repair Service
44	PACIFIC GAS & ELECTRIC	833.60	-	833.60	Utilities-Electricity
45	PBW DISTRIBUTOR INC	544.89	-	544.89	Parts & Supplies-Lindsay Yard
46	PORTERVILLE FORD	70.89	-	70.89	Replacement Parts-Lindsay Yard
47	PRUDENTIAL OVERALL SUPPLY	990.09	-	990.09	Uniform Services-All Yards
48	PSW	40.00	-	40.00	Document Shredding
49	QUINN COMPANY	160.55	-	160.55	Replacement Parts-Delano Yard
50	ROBERT V. JENSEN, INC.	3,409.45	-	3,409.45	Unleaded Fuel-Delano Yard

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, SEPTEMBER 2022

	PAYEE	O&M FUND	GM FUND	TOTAL	DESCRIPTION
51	ROBINSON, JOHN T.	43.30	-	43.30	Expense Claim Reimbursement
52	SAFETY NETWORK TRAFFIC SIGNS	487.58	-	487.58	Signs for buidling and roads
53	SAN JOAQUIN PAINT & GLASS	278.72	-	278.72	Paint Supplies-Delano Yard
54	SAN JOAQUIN PEST CONTROL	94.00	-	94.00	Pest Control Services-Lindsay
55	SAN JOAQUIN PEST CONTROL	118.00	-	118.00	Pest Control Service-OC Yard
56	SAN JOAQUIN PEST CONTROL	88.00	-	88.00	Pest Control Services-Delano
57	SENATOR SEAGATE, L.P.	-	7,877.27	7,877.27	Rent- Sacramento office
58	SEVIERS AUTO SUPPLY	85.91	-	85.91	Parts & Supplies-Delano Yard
59	SO CAL GAS	109.55	-	109.55	Utilities-Natural Gas
60	SOMACH SIMMONS & DUNN	-	22,469.47	22,469.47	Professional Services-May, July
61	SOUTHERN CALIF EDISON	6,790.65	-	6,790.65	Utilities-Electricity
62	SP PLUS CORPORATION-HYATT	-	440.00	440.00	Parking Toll-Sacramento
63	STANDARD INSURANCE CO	6,448.46	1,890.07	8,338.53	Medical & Disability Insurance
64	STANTEC CONSULTING SERVICES INC.	31,529.40	-	31,529.40	Consulting Services-August, Includes Upper Reach Capacity
65	STOEL RIVES LLP	-	3,112.80	3,112.80	Professional Services-CEQA Litigation
66	STUART'S JOHANSON & THOMAS	584.82	-	584.82	Repair Parts-Seal Kit
67	Suarez, Margarita	53.53	-	53.53	Reimbursement for overpayment Aflac
68	SUE SA'S CREATIVE CATERING	6,478.18	-	6,478.18	Board Meeting-Food & Supplies- July, August
69	TELCION COMMUNICATIONS GROUP	1,685.30	-	1,685.30	Digital Certificate Renewal
70	TF TIRE & SERVICE	1,143.75	-	1,143.75	Service-Replacement 4 Tires Loaders-Lindsay Yard
71	THE FERGUSON GROUP, LLC	-	3,445.38	3,445.38	Consulting Services-July
72	THE REDESIGN GROUP	2,103.04	-	2,103.04	Help Desk & Azure Subscription
73	TINO'S AUTO CENTER	588.47	-	588.47	Parts & Service
74	TOSHIBA FINANCIAL SERIVICES	1,312.02	-	1,312.02	Office Equipment Lease
75	TULARE COUNTY TAX COLLECTOR	741.16	-	741.16	Property Assesment Tax
76	UNWIRED BROADBAND, INC.	299.98	-	299.98	Satellite Internet
77	VALLEY PACIFIC PETROLEUM SERVICES, INC.	14,384.52	-	14,384.52	OC/Lindsay Yard- Unleaded 1,400gal & Diesel 800gal
78	VALLEY PLUMBING	720.46	-	720.46	Plumbing & Maintenance-Lindsay Office
79	VAST NETWORKS	800.00	-	800.00	Internet Service-Lindsay Office
80	VERIZON WIRELESS	2,246.36	-	2,246.36	SCADA mobile to mobile
81	WATER AND POWER LAW GROUP PC	-	23,411.37	23,411.37	Professional Services-August
82	WORLD OIL ENVIRONMENTAL SERVICES	135.31	-	135.31	Hazardous Waste Disposal
SUB-TOTAL SPENDING		\$ 248,972.99	\$ 82,333.65	\$ 331,306.64	
CHECKS TO BE RECOVERED VIA GRANT(S)		69,916.14		69,916.14	Mid-Month Grants
ALLOCATION CORRECTION - TRUE UP		\$436,769.30	-	436,769.30	25-Year Allocation True Up
PAYROLL FOR FWA		158,689.31	31,252.21	189,941.52	Mid-Month Payroll
TOTAL FOR FWA O&M		\$ 914,347.74	\$ 113,585.86	\$ 1,027,933.60	
Middle Reach Capacity Correction Project, Phase 1					
83	BRIAN G. THOMAS	\$ 2,400.00	\$ -	\$ 2,400.00	Consulting Services-August
84	BUREAU OF RECLAMATION	10,529,000.00	-	10,529,000.00	USBR Construction Payment
85	FARMLAND RESERVE, INC.	162,902.82	-	162,902.82	Land Purchase - Utility Relocation
86	FIRST AMERICAN TITLE COMPANY	2,574.00	-	2,574.00	Land Purchase - Title Transfer Fees
87	FIRST AMERICAN TITLE COMPANY	930.00	-	930.00	Land Purchase - Title Transfer Fees
88	FIRST AMERICAN TITLE COMPANY	1,234.00	-	1,234.00	Land Purchase - Title Transfer Fees
89	FIRST AMERICAN TITLE COMPANY	2,733.00	-	2,733.00	Land Purchase - Title Transfer Fees
90	FIRST AMERICAN TITLE COMPANY	2,505.00	-	2,505.00	Land Purchase - Title Transfer Fees
91	KAN VENTURES, INC.	6,000.00	-	6,000.00	Professional Services-August
92	THE FERGUSON GROUP, LLC	5,000.00	-	5,000.00	Consulting Services-July
Subtotal - MRCCP Phase 1		\$ 10,715,278.82	\$ -	\$ 10,715,278.82	
GRAND TOTALS - Mid-month		\$ 11,629,626.56	\$ 113,585.86	\$ 11,743,212.42	

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, SEPTEMBER 2022

	PAYEE	O&M FUND	GM FUND	TOTAL	DESCRIPTION
BILLS TO BE PAID SEPTEMBER 19, 2022					
93	ASPHALT COATING & SUPPLIES	\$ 254.59	\$ -	\$ 254.59	Paving, Asphalt-OC Yard
94	BUCK-MACLEOD, IAN T.	703.75	-	703.75	Expense Claim Reimbursement
95	CINTAS CORPORATION #3	204.61	-	204.61	Uniform Services-Lindsay Yard
96	CONSTAR SUPPLY	123.02	-	123.02	Parts & Supplies-OC Yard
97	CULLIGAN WATER CONDITION	85.75	-	85.75	Water Service
98	DELLAVALLE LABORATORY INC	834.00	-	834.00	Water Analysis for Friant Canal
99	FEDEX	177.41	-	177.41	Shipping Service
100	FUSION CLOUD SERVICES, LLC	227.94	-	227.94	Telephone Service
101	GEOTECH ENVIRONMENTAL EQUIPMENT, INC.	38.99	-	38.99	Replacement Equipment for Friant Canal
102	GONZALEZ, HUGO	137.65	-	137.65	Expense Claim Reimbursement
103	GRAYBAR	3,748.94	-	3,748.94	Parts & Supplies-Lindsay Yard
104	INTELLISITE, LLC	9,124.13	-	9,124.13	SCADA Equipment-Replacement Parts
105	JIM'S STEEL SUPPLY	636.51	-	636.51	Steel Supplies-Delano Yard
106	KASEYA US LLC	503.34	-	503.34	IT Service-Dark Web, 365Backup, phishing training campaign
107	LEE'S SERVICE, INC.	287.86	-	287.86	Parts & Services-OC Yard
108	LINDSAY TRUE VALUE	127.35	-	127.35	Parts & Supplies-Lindsay Yard
109	NUTRIEN AG SOLUTIONS	808.13	-	808.13	CHEETAH PRO 7.5gal
110	OTTEMOELLER CONSULTING SERVICES, LLC	2,226.25	411.00	2,637.25	Consulting Services-August
111	POWER BUSINESS TECHNOLOGY	24.90	-	24.90	Office Equipment-toners
112	PROVOST & PRITCHARD INC	3,929.30	-	3,929.30	Consulting Services- GSA East Side-August
113	QUADIENT LEASING USA, INC.	604.34	-	604.34	Postage Machine Lease
114	SAN JOAQUIN PEST CONTROL	177.00	-	177.00	Pest Control Service-OC Yard
115	SEVIERS AUTO SUPPLY	105.26	-	105.26	Parts & Supplies-Lindsay Yard
116	SO CAL GAS	56.80	-	56.80	Utilities-Natural Gas
117	SPARKLETTS	253.98	-	253.98	Water Service-Lindsay
118	THE REDESIGN GROUP	450.00	-	450.00	IT Support-Help Desk, Cisco Support
119	THOMAS HARDER & CO.	3,270.00	-	3,270.00	Consulting Services-August
120	TULARE CO. ENVIRONMENTAL HEALTH	758.00	-	758.00	Environmental Waste Cleanup
121	UNITED RENTALS, INC.	105.87	-	105.87	Rental-Large Rammer Delano
122	VULCAN MATERIALS COMPANY	620.49	-	620.49	Materials-Road Maintenance Orange Cove
123	ZENITH INSURANCE COMPANY	8,942.00	-	8,942.00	Worker's Comp Insurance
124	ZEP SALES AND SERVICE	343.30	-	343.30	Office Supplies-OC Yard
BILLS TO BE PAID SEPTEMBER 19, 2022					
		\$ 39,891.46	\$ 411.00	\$ 40,302.46	
BILLS PAID SEPTEMBER 12, 2022					
		11,629,626.56	113,585.86	11,743,212.42	
SUB-TOTAL SPENDING FOR AUGUST 2022					
		\$ 11,669,518.02	\$ 113,996.86	\$ 11,783,514.88	
EOM - CHECKS TO BE RECOVERED VIA GRANT(S)					
		41,927.22	-	41,927.22	End of Month Grants
EOM - PAYROLL FOR FWA					
		151,498.03	32,581.32	184,079.35	Estimated EOM Payroll
TOTAL FOR FWA O&M					
		\$ 11,862,943.27	\$ 146,578.18	\$ 12,009,521.45	
San Luis Delta-Mendota Canal:					
125	O&MR CHARGES WY2022 - PAID VIA WIRE	1,026,621.99	-	1,026,621.99	October 2022 Estimate
Subtotal - SLDMWA					
		\$ 1,026,621.99	\$ -	\$ 1,026,621.99	
Middle Reach Capacity Correction Project, Phase 1					
126	VILLINES GROUP, LLC	4,860.00	3,240.00	8,100.00	Professional Services-August
Subtotal - MRCCP Phase 1					
		\$ 4,860.00	\$ 3,240.00	\$ 8,100.00	
GRAND TOTALS FOR MONTH OF SEPTEMBER 2022					
		\$ 12,894,425.26	\$ 149,818.18	\$ 13,044,243.44	

FRIANT WATER AUTHORITY EXPENDITURES TO BE APPROVED, SEPTEMBER 2022

GRANTS

		6221	6225		
	PAYEE	Pump Back	Winn/SJRRP	TOTAL	DESCRIPTION
1	BENDER ROSENTHAL INCORPORATED		\$ 8,728.78	\$ 8,728.78	Professional Services-July
2	BURKE, WILLIAMS & SORENSEN, LLP		5,945.86	5,945.86	Consulting Services-July
3	STANTEC CONSULTING SERVICES INC.	\$ 55,241.50		\$ 55,241.50	Consulting Services-August
	BILLS PAID SEPTEMBER 12, 2022	\$ 55,241.50	\$ 14,674.64	\$ 69,916.14	
4	BURKE, WILLIAMS & SORENSEN, LLP		23,700.00	23,700.00	Professional Services-July correction from mid-month invoice
5	STANTEC CONSULTING SERVICES INC.		18,227.22	18,227.22	Consulting Services-July
	BILLS TO BE PAID SEPTEMBER 19, 2022	\$ -	\$ 41,927.22	\$ 41,927.22	
	GRAND TOTALS	\$ 55,241.50	\$ 56,601.86	\$ 111,843.36	



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 AUGUST 31, 2022**

<u>PAYEE</u>	<u>TOTAL PAYABLE AMOUNT</u>	<u>CASH PAID THROUGH AUGUST 2022</u>	<u>PAYMENT SENT SEPTEMBER 2022</u>	<u>REMAINING BALANCE</u>
Delano-Earlimart ID	1,240,474.08	24,332.69	151,382.46	1,064,758.94
Exeter ID	33,417.17	1,873.53	11,655.88	81,982.45
Garfield WD	21,134.62	414.57	2,579.18	18,140.86
Hills Valley ID	33,417.17	655.50	4,078.10	28,683.57
International ID	10,060.72	197.35	1,227.77	8,635.60
Ivanhoe ID	55,339.14	1,085.51	6,753.37	47,500.27
Lewis Creek WD	1,578.22	30.96	192.60	1,354.66
Lindmore ID	142,915.03	2,803.37	17,440.77	122,670.88
Lindsay-Strathmore ID	179,694.84	3,524.83	21,929.23	154,240.78
City of Lindsay	193,454.67	3,794.74	23,608.43	166,051.50
City of Orange Cove	203,714.49	3,995.99	24,860.50	174,858.01
Orange Cove ID	714,288.05	14,011.21	87,168.84	613,108.00
Shafter-Wasco ID	63,841.76	1,252.30	7,790.99	54,798.47
S.S.J.MU.D.	54,152.63	1,062.24	6,608.57	46,481.83
Stone Corral ID	208,342.23	4,086.77	25,425.25	178,830.22
Tea Pot Dome WD	22,927.20	449.73	2,797.94	19,679.52
Terra Bella ID	261,047.89	5,120.62	31,857.23	224,070.04
Tri Valley WID	586.86	11.51	71.62	503.73
Madera ID	69,973.65	1,372.58	8,539.30	60,061.77
Fresno County	4,849.17	95.12	591.77	4,162.27
County of Madera	1,716.73	33.67	209.50	1,473.56
TOTAL	\$3,579,021.00	\$70,204.77	\$436,769.30	\$3,072,046.93

FRIANT WATER AUTHORITY

CASH ACTIVITY BALANCE MONTH ENDING AUGUST 31, 2022

	Beginning Balance	Increases	Decreases	Ending Balance
FKC Operations & Maintenance	\$ 27,941,577	\$ 2,562,259	\$ (4,244,875)	\$ 26,258,961
SLDMWA	\$ (1,489,922)	\$ 5,884,998	\$ (2,137,561)	\$ 2,257,516
Total	\$ 26,451,656	\$ 8,447,257	\$ (6,382,436)	\$ 28,516,477
General Member	\$ 472,110	\$ -	\$ (107,734)	\$ 364,377
Total			\$	28,880,854

BANK ACTIVITY BALANCE MONTH ENDING AUGUST 31, 2022

Local Agency Investment Fund	\$ 26,629,274	\$ 2,444,723	\$ -	\$ 29,073,997
Bank of the Sierra	\$ 294,492	\$ 6,002,534	\$ (6,490,170)	\$ (193,144)
Total			\$	28,880,854

NOTE: Cash on deposit with LAIF represents the consolidation of available balances held by all FWA funds. Most Current Interest Rate: For month ended July 31, 2022 , effective yield, 1.276%
Total LAIF fund as of August 31, 2022: \$30,949,534,285.23
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 AUGUST 31, 2022**

	Checking & <u>Investments</u>	Payroll <u>Checking</u>	Petty <u>Cash</u>	<u>Total</u>
CASH BALANCE JULY 31, 2022	\$ 26,450,855	\$ -	\$ 801	\$ 26,451,656
Increases:				
District O&M receipts	2,425,531			2,425,531
SLDMWA receipts	5,884,998			5,884,998
Revenue from ETGSA	74,036			74,036
Revenue from MRCCP	11,270			11,270
Interest from Bank of Sierra	144			144
Miscellaneous deposits	43,871			43,871
Administration Allocation	7,406			7,406
Payroll deposits		378,342		378,342
Total Increases	<u>8,447,257</u>	<u>378,342</u>	<u>-</u>	<u>8,825,599</u>
Decreases:				
O&M Expenditures	1,906,462			1,906,462
Pump Back Project Expenditures	89,177			89,177
Subsidence Project Expenditures	90,200			90,200
MRCCP	840,384			840,384
Wire to SLDMWA - Estimated O&MR Charges - September Estimate	2,137,561			2,137,561
FY 2021 Refund	893,667			893,667
Payroll Cash Outlays	378,342	378,342		756,683
Total Decreases	<u>6,382,436</u>	<u>378,342</u>	<u>-</u>	<u>6,760,778</u>
CASH BALANCE BEFORE INTERFUND ACTIVITY	<u>28,515,676</u>	<u>-</u>	<u>801</u>	<u>28,516,477</u>
Interfund transfer from O&M	-			-
CASH BALANCE AUGUST 31, 2022	<u>\$ 28,515,676</u>	<u>\$ -</u>	<u>\$ 801</u>	<u>\$ 28,516,477</u>

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

CASH BALANCE JULY 31, 2022		<u>\$ 472,110</u>
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Increases:

Member Assessments	<u>-</u>
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Total Cash Receipts		<u>\$ -</u>
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Decreases:

Other Payroll Benefits	11,168
Consulting	13,030
Professional Services	41,235
Rent & Facility Expense	1,685
Meetings	<u>575</u>
	67,693

Reimburse O&M:

Current Month Payroll & Benefits	81,469
Current Month Payroll & Benefits to O&M	(48,834)
Administration Allocation	<u>7,406</u>

Less Total Cash Disbursements		<u>\$ 107,734</u>
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CASH BALANCE BEFORE INTERFUND ACTIVITY		<u><u>\$ 364,377</u></u>
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Interfund transfer from O&M		\$ -
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CASH BALANCE AUGUST 31, 2022		<u><u>\$ 364,377</u></u>
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FRIANT WATER AUTHORITY
MONTH ENDING AUGUST 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 JULY 31, 2022	<u>\$ 26,629,274</u>
Increases:	
Transfer from checking	\$ 2,400,000
Interest	<u>44,723</u>
Decreases:	<u>2,444,723</u>
Transfer to checking	-
CASH BALANCE AUGUST 31, 2022	<u><u>\$ 29,073,997</u></u>

Balance ascribed to:

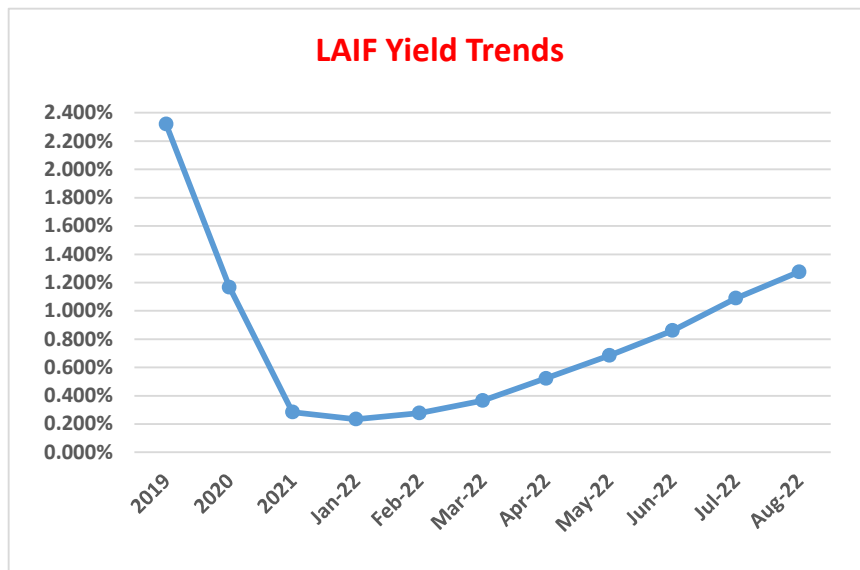
O&M Fund	\$ 28,707,184
General Member Fund	<u>\$ 366,814</u>
	<u><u>\$ 29,073,997</u></u>

NOTE: Cash on deposit with LAIF represents the consolidation of available balances held by all FWA funds. Most Current Interest Rate: For month ended July 31, 2022, effective yield, 1.276%

Total LAIF fund as of August 31, 2022: \$30,949,534,285.23

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%

FWA Revenue Presentation

FY 2021 - 2022

Budget year:

91.7%

Completed

Operations & Maintenance

**FY 2022
Budget**

**08/31/2022
Year to Date**

**Budget
Remaining**

**Budget
Spent %**

Revenue

Interest Income	40,000	14,508	25,492	36.3%
Miscellaneous Income	-	35,501	(35,501)	
Reverse Pumping Fee	-	41,967	(41,967)	
Conveyance Fees		186,898	(186,898)	
O & M Revenue	10,005,159	9,171,396	833,763	91.7%
Water Supply Cord./Monitoring Revenue		106,903	(106,903)	
Total Revenue	10,045,159	9,557,174	487,985	95.1%

Expenses

Total Operations	1,851,956	1,364,510	487,446	73.7%
Total Maintenance	5,834,783	4,994,131	840,651	85.6%
Administration Costs	1,931,216	1,550,161	381,055	80.3%
Special Projects	387,204	416,404	(29,200)	107.5%

Total O&MR Expenses

10,005,159 8,325,207 1,679,952 83.2%

FWA Budget Presentation

FY 2021 - 2022

Budget year:

91.7%

Completed

Operations & Maintenance	FY 2022 Budget	08/31/2022 Year to Date	Budget Remaining	Budget Spent %
Operations Dept				
Employee Salaries/Pay	781,755	732,219	49,536	93.7%
Employee Benefits	411,777	371,109	40,668	90.1%
Supplies & Services	658,425	261,183	397,242	39.7%
Total Operations	1,851,956	1,364,510	487,446	73.7%
Maintenance Dept				
Employee Salaries/Pay	2,200,917	2,071,405	129,512	94.1%
Employee Benefits	1,117,473	1,062,019	55,454	95.0%
Supplies & Services	2,516,393	1,860,707	655,685	73.9%
Total Maintenance	5,834,783	4,994,131	840,651	85.6%
Administration Costs	2,170,693	1,691,874	478,819	77.9%
Administration Costs allocated to GM	(239,477)	(141,713)	(97,764)	59.2%
Total Operations & Maintenance	9,617,955	7,908,803	1,709,153	82.2%
Special Projects				
Cost Recovery	-	-	-	
Spending	387,204	416,404	(29,200)	107.5%
Total Special Projects	387,204	416,404	(29,200)	107.5%
Total O&MR	10,005,159	8,325,207	1,679,952	83.2%

Friant Water Authority
Budget vs Actual Expenses
YTD - 08/31/2022

Budget year: 91.7% 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	\$ 632,630	\$ 544,046	86.0%	\$ 88,584	\$ 217,971	\$ 141,236	64.8%	\$ 76,735	\$ 414,659	\$ 402,810	97.1%	\$ 11,849
2 Maintenance Supervision	322,177	314,483	97.6%	7,694	322,177	314,483	97.6%	7,694	-	-	0.0%	-
3 USBR Inspections	-	15	0.0%	(15)	-	-	0.0%	-	-	15	0.0%	(15)
4 Right-of-Way Management	55,437	57,767	104.2%	(2,330)	55,437	57,767	104.2%	(2,330)	-	-	0.0%	-
5 Weed & Pest Control	673,239	602,223	89.5%	71,017	350,719	246,695	70.3%	104,024	322,520	355,527	110.2%	(33,007)
6 Implem Biol. Opinion	21,000	8,100	38.6%	12,900	-	-	0.0%	-	21,000	8,100	38.6%	12,900
7 Road Maintenance	157,909	23,736	15.0%	134,173	36,983	21,888	59.2%	15,095	120,926	1,847	1.5%	119,079
8 Yard & Building Maintenance	255,603	264,515	103.5%	(8,912)	86,578	149,566	172.8%	(62,989)	169,026	114,949	68.0%	54,077
9 Structure & Gate Maintenance	95,239	47,649	50.0%	47,590	72,322	41,978	58.0%	30,344	22,917	5,671	24.7%	17,246
10 Cleaning Right-of-Way	87,324	41,100	47.1%	46,223	87,324	41,100	47.1%	46,223	-	-	0.0%	-
11 Bargate & Guardrail Maint	56,036	43,379	77.4%	12,657	34,893	37,739	108.2%	(2,846)	21,143	5,640	26.7%	15,503
12 Embankment Maintenance	84,962	193,302	227.5%	(108,340)	70,354	95,966	136.4%	(25,612)	14,608	97,335	666.3%	(82,727)
13 Bridge Maintenance	69,854	55,187	79.0%	14,667	35,351	53,226	150.6%	(17,874)	34,502	1,961	5.7%	32,541
14 Miscellaneous Maintenance	13,165	20,242	153.8%	(7,077)	4,528	8,802	194.4%	(4,273)	8,637	11,440	132.5%	(2,804)
15 Reverse Flow Pumping	-	3,294	0.0%	(3,294)	-	2,701	0.0%	(2,701)	-	593	0.0%	(593)
16 Concrete Lining Maintenance	15,253	5,386	35.3%	9,866	6,651	5,263	79.1%	1,388	8,602	123	1.4%	8,479
17 Draineditch & Channel Maint.	50,576	34,379	68.0%	16,197	50,576	34,379	68.0%	16,197	-	-	0.0%	-
18 Fence Maintenance	50,718	54,444	107.3%	(3,726)	39,737	47,321	119.1%	(7,584)	10,980	7,123	64.9%	3,858
19 Mudjacking	18,713	531	2.8%	18,183	17,087	22	0.1%	17,066	1,626	509	31.3%	1,117
20 Painting	44,161	42,867	97.1%	1,294	32,680	19,423	59.4%	13,257	11,481	23,445	204.2%	(11,963)
21 Sump Pump Maintenance	1,053	-	0.0%	1,053	1,053	-	0.0%	1,053	-	-	0.0%	-
22 Cross Drainage Structure Mtce	1,053	-	0.0%	1,053	1,053	-	0.0%	1,053	-	-	0.0%	-
23 Rip-Rapping	936	-	0.0%	936	936	-	0.0%	936	-	-	0.0%	-
24 Finance Charge	-	790	0.0%	(790)	-	-	0.0%	-	-	790	0.0%	(790)
25 Water supply coordination & monitoring	474,536	496,595	104.6%	(22,059)	94,022	114,830	122.1%	(20,808)	380,514	381,765	100.3%	(1,251)
26 Water Quality	40,203	-	0.0%	40,203	10,203	-	0.0%	10,203	30,000	-	0.0%	30,000
27 Legal Expense - Direct	-	51,766	0.0%	(51,766)	-	-	0.0%	-	-	51,766	0.0%	(51,766)
28 Safety & First Aid Training	40,862	30,033	73.5%	10,829	21,310	15,065	70.7%	6,246	20,465	14,968	73.1%	5,497
29 Office Admin (Typing etc.)	58,076	54,590	94.0%	3,486	58,076	54,590	94.0%	3,486	-	-	0.0%	-
30 Payroll Preparation	841	1,050	124.9%	(209)	841	1,050	124.9%	(209)	-	-	0.0%	-
31 Meetings	319,341	307,986	96.4%	11,355	163,884	221,801	135.3%	(57,917)	155,457	86,185	55.4%	69,272
32 Education & Training	62,209	39,094	62.8%	23,115	36,313	33,266	91.6%	3,047	25,896	5,828	22.5%	20,069
33 Procurement	4,721	-	0.0%	4,721	4,721	-	0.0%	4,721	-	-	0.0%	-
34 Inventory & Property Mgt.	-	521	0.0%	(521)	-	521	0.0%	(521)	-	-	0.0%	-
35 Employee Benefit (Jury Duty)	-	320	0.0%	(320)	-	320	0.0%	(320)	-	-	0.0%	-
36 Employee Benefits	1,118,386	1,071,199	95.8%	47,187	274,909	306,322	111.4%	(31,413)	843,478	764,878	90.7%	78,600
37 Hotel	-	1,436	0.0%	(1,436)	-	-	0.0%	-	-	1,436	0.0%	(1,436)
38 Travel	29,789	2,254	7.6%	27,535	-	-	0.0%	-	29,789	2,254	7.6%	27,535
39 Personnel Administration	8,851	125	1.4%	8,726	7,908	125	1.6%	7,783	943	-	0.0%	943
40 Workers Comp. Insurance	53,157	35,632	67.0%	17,526	-	-	0.0%	-	53,157	35,632	67.0%	17,526
41 Legal Expense-Indirect	45,000	-	0.0%	45,000	-	-	0.0%	-	45,000	-	0.0%	45,000
42 Utilities	84,793	91,489	107.9%	(6,696)	-	-	0.0%	-	84,793	91,489	107.9%	(6,696)
43 Telephone Expense	-	399	0.0%	(399)	-	-	0.0%	-	-	399	0.0%	(399)
44 Office supplies	-	190	0.0%	(190)	-	-	0.0%	-	-	190	0.0%	(190)
45 Postage	-	47	0.0%	(47)	-	-	0.0%	-	-	47	0.0%	(47)
46 Dues & Subscriptions	18,323	9,681	52.8%	8,642	-	-	0.0%	-	18,323	9,681	52.8%	8,642
47 Budget Preparation	4,536	4,294	94.7%	242	1,386	3,961	285.8%	(2,575)	3,150	332	10.5%	2,818
48 Archiving & Data Storage	4,076	-	0.0%	4,076	2,934	-	0.0%	2,934	1,142	-	0.0%	1,142
Vehicle & Equipment Acquisition	760,044	437,997	57.6%	322,047	-	-	0.0%	-	760,044	437,997	57.6%	322,047
TOTAL EXPENSES: MAINTENANCE	5,834,783	4,994,131	85.6%	840,651	2,200,917	2,071,405	94.1%	129,512	3,634,779	2,922,726	80.4%	712,052

Friant Water Authority
Budget vs Actual Expenses
YTD - 08/31/2022

Budget year: 91.7% Completed												
Total					Labor				Materials			
Annual Budget	YTD Actual	% Of Bud	Projected Remaining		Budget	YTD Actual	Projected Remaining		Budget	YTD Actual	Projected Remaining	
WATER OPERATIONS												
49 Vehicle & Equipment Service	\$ 1,084	\$ 831	76.65%	\$ 253	\$ -	\$ -	0.00%	\$ -	\$ 1,084	\$ 831	76.65%	\$ 253
50 Weed & Pest Control	-	90	0.00%	(90)	-	-	0.00%	-	-	90	0.00%	(90)
51 Yard & Building Maintenance	88,394	45,498	51.47%	42,897	24,590	20,588	83.73%	4,002	63,805	24,909	39.04%	38,895
52 Structure & Gate Maintenance	272,512	135,448	49.70%	137,065	72,596	54,725	75.38%	17,871	199,916	80,723	40.38%	119,193
53 Cleaning Right-of-Way	1,230	1,397	113.55%	(167)	-	1,277	0.00%	(1,277)	1,230	120	9.73%	1,110
54 Bargate & Guardrail Maint	5,740	-	0.00%	5,740	-	-	0.00%	-	5,740	-	0.00%	5,740
55 Reverse Flow Pump	-	36,981	0.00%	(36,981)	-	-	0.00%	-	-	36,981	0.00%	(36,981)
56 Sump Pump Maintenance	29,744	11,946	40.16%	17,797	-	-	0.00%	-	29,744	11,946	40.16%	17,797
57 Finance Charge	-	69	0.00%	(69)	-	-	0.00%	-	-	69	0.00%	(69)
58 C & I General Mtce	17,651	7,774	44.04%	9,877	14,810	7,731	52.20%	7,078	2,841	42	1.49%	2,799
59 C. & I. Maint (ESI Equipment)	293,704	171,964	58.55%	121,739	77,305	41,847	54.13%	35,457	216,399	130,117	60.13%	86,282
60 Meter Repair	147,347	61,200	41.53%	86,148	63,431	33,013	52.05%	30,417	83,916	28,186	33.59%	55,730
61 Canal Patrol	274,453	276,439	100.72%	(1,986)	273,521	276,439	101.07%	(2,918)	932	-	0.00%	932
62 Operations Reports	59,627	97,363	163.29%	(37,737)	57,283	97,363	169.97%	(40,080)	2,343	-	0.00%	2,343
63 Operations Supervision	75,489	77,618	102.82%	(2,130)	75,489	77,618	102.82%	(2,130)	-	-	0.00%	-
64 Water Measurement	14,938	8,685	58.14%	6,252	6,986	8,465	121.18%	(1,480)	7,952	220	2.77%	7,732
65 Miscellaneous Operations	9,112	475	5.21%	8,637	-	-	0.00%	-	9,112	475	5.21%	8,637
66 Groundwater & Seepage Well Measurement	-	3,529	0.00%	(3,529)	-	1,100	0.00%	(1,100)	-	2,429	0.00%	(2,429)
67 Safety & First Aid Training	10,039	5,447	54.26%	4,592	3,074	2,053	66.78%	1,021	6,965	3,394	48.73%	3,571
68 Meetings	4,834	369	7.64%	4,465	4,834	369	7.64%	4,465	-	-	0.00%	-
69 Education & Training	23,961	120	0.50%	23,841	4,052	120	2.96%	3,932	19,910	-	0.00%	19,910
70 Employee Benefits	411,777	371,109	90.12%	40,668	103,784	109,508	105.52%	(5,724)	307,993	261,601	84.94%	46,393
71 Retirement, Health Ins, PR Taxes	307,993	261,601	84.9%	46,393	-	-	0.0%	-	307,993	261,601	84.9%	46,393
72 Workers Comp. Insurance	27,646	17,650	63.84%	9,996	-	-	0.00%	-	27,646	17,650	63.84%	9,996
73 Utilities	32,093	31,446	97.99%	647	-	-	0.00%	-	32,093	31,446	97.99%	647
74 Telephone Expense	-	1,061	0.00%	(1,061)	-	-	0.00%	-	-	1,061	0.00%	(1,061)
75 Vehicle & Equipment Acquisition	50,580	-	0.00%	50,580	-	-	0.00%	-	50,580	-	0.00%	50,580
TOTAL EXPENSES: WATER OPERATIONS	\$ 1,851,956	\$ 1,364,510	73.7%	\$ 487,446	\$ 781,755	\$ 732,219	93.7%	\$ 49,536	\$ 1,070,202	\$ 632,291	59.1%	\$ 437,910

Friant Water Authority
Budget vs Actual Expenses
YTD - 08/31/2022

Budget year: 91.7% Completed												
Total					Labor				Materials			
Annual Budget	YTD Actual	% Of Bud	Projected Remaining		Budget	YTD Actual	Projected Remaining		Budget	YTD Actual	Projected Remaining	
ADMINISTRATION												
76 C. & I. Maint (ESI Equipment)	\$ 26,346	\$ 4,951	18.79%	\$ 21,394	\$ 26,346	\$ 4,951	18.79%	\$ 21,394	\$ -	\$ -	0.00%	\$ -
77 Yard & Building Maintenance	-	300	0.00%	(300)	-	-	0.00%	-	-	300	0.00%	(300)
78 Water supply coordination & monitoring	14,425	38,709	268.35%	(24,284)	17,660	38,509	218.06%	(20,849)	(3,235)	200	-6.18%	(3,435)
79 Legal Expense - Direct	31,500	40,734	129.31%	(9,234)	-	-	0.00%	-	31,500	40,734	129.31%	(9,234)
80 Administrative Supervision	13,173	7,652	58.09%	5,521	13,173	7,652	58.09%	5,521	-	-	0.00%	-
81 Safety & First Aid Training	41,781	20,659	49.45%	21,122	2,533	3,551	140.19%	(1,018)	39,248	17,108	43.59%	22,140
82 Office Admin (Typing etc.)	91,066	138,243	151.81%	(47,177)	91,066	127,125	139.60%	(36,059)	-	11,119	0.00%	(11,119)
83 Payroll Preparation	9,211	11,377	123.51%	(2,166)	9,211	11,377	123.51%	(2,166)	-	-	0.00%	-
84 Meetings	169,772	78,756	46.39%	91,015	74,327	26,601	35.79%	47,725	36,658	2,707	7.38%	33,951
85 Education & Training	43,389	22,370	51.56%	21,019	15,630	15,456	98.89%	174	27,758	6,914	24.91%	20,845
86 Miscellaneous Administrative	291	985	338.19%	(694)	291	617	211.81%	(326)	-	368	0.00%	(368)
87 Inventory & Property Mgt.	12,851	1,845	14.36%	11,005	12,851	1,845	14.36%	11,005	-	-	0.00%	-
88 Employee Benefits	516,511	411,290	79.63%	105,221	111,874	98,818	88.33%	13,056	404,637	312,471	77.22%	92,166
89 Data Processing	235,986	174,913	74.12%	61,074	25,940	18,838	72.62%	7,103	210,046	156,075	74.31%	53,971
90 Accounting & Auditing	355,301	337,234	94.92%	18,067	328,301	298,034	90.78%	30,267	27,000	39,200	145.19%	(12,200)
91 Personnel Administration	136,555	79,714	58.38%	56,841	66,066	67,554	102.25%	(1,488)	70,489	12,160	17.25%	58,329
92 Retirement, Health Ins, PR Taxes	373,710	289,109	77.36%	84,601	-	-	0.00%	-	373,710	289,109	77.36%	84,601
93 Liability Insurance	162,146	155,817	96.10%	6,329	-	-	0.00%	-	162,146	155,817	96.10%	6,329
94 Workers Compensation Insurance	8,757	2,087	23.83%	6,670	-	-	0.00%	-	8,757	2,087	23.83%	6,670
95 Finance Charge	-	323	0.00%	(323)	-	-	0.00%	-	-	323	0.00%	(323)
96 Utilities	120,364	48,040	39.91%	72,324	-	-	0.00%	-	120,364	48,040	39.91%	72,324
97 Telephone Expense	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-
98 Office Supplies	35,288	22,882	64.84%	12,406	-	-	0.00%	-	35,288	22,882	64.84%	12,406
99 Employee Incentives & Awards	30,927	23,363	75.54%	7,565	-	-	0.00%	-	30,927	23,363	75.54%	7,565
100 Postage	5,287	5,572	105.40%	(286)	-	-	0.00%	-	5,287	5,572	105.40%	(286)
101 Dues & Subscriptions	59,765	2,131	3.57%	57,634	-	-	0.00%	-	59,765	2,131	3.57%	57,634
102 Budget Preparation	6,181	25,802	417.46%	(19,621)	6,181	25,802	417.46%	(19,621)	-	-	0.00%	-
103 Achieving & Data Storage	11,064	-	0.00%	11,064	11,064	-	0.00%	11,064	-	-	0.00%	-
104 Lease office equipment	35,138	33,455	95.21%	1,683	-	-	0.00%	-	35,138	33,455	95.21%	1,683
105 Vehicle & Equipment Acquisition	28,547	26,031	91.19%	2,516	-	-	0.00%	-	28,547	26,031	91.19%	2,516
106 Admin Reimb - GM Fund	(239,477)	(141,713)	59.18%	(97,764)	-	-	0.00%	-	(239,477)	(141,713)	59.18%	(97,764)
TOTAL EXPENSES: ADMINISTRATION	\$ 1,931,216	\$ 1,550,161	80.3%	\$ 381,055	\$ 812,514	\$ 752,354	92.6%	\$ 60,160	\$ 1,118,702	\$ 797,808	71.3%	\$ 320,895

Administration Total Allocated out

O&M 93% \$ 1,841,032
GM 7% \$ 141,713

	BUDGET ITEM	FYE 9/30/21	CURRENT YTD	REMAINING	NON-LABOR
	CARRY OVER ITEMS FY 2021				
107	GSA Engagement	462,939	-	462,939	n/a
108	SCADA Alarm Project	20,000	20,000	-	n/a
109	Tree-Trimming	7,525	7,325	200	n/a
110	Embankment Management-Grazing Pilot	42,000	42,000	-	n/a
111	Gate Actuators	36,388	33,462	2,926	n/a
112	Utility Tractor	104,205	100,656	3,549	n/a
	TOTAL CARRY OVER ITEMS FY 2021	673,057	203,443	469,613	n/a

Friant Water Authority
 Budget vs Actual Expenses
 YTD - 08/31/2022

Budget year: 91.7% Completed												
Total					Labor				Materials			
Annual Budget	YTD Actual	% Of Bud	Projected Remaining		Budget	YTD Actual		Projected Remaining	Budget	YTD Actual		Projected Remaining
SPECIAL PROJECTS												
113 Pump Back Project - Non-recoverable	\$38,238	\$0	0.0%	\$38,238	\$28,238	\$0	\$0	\$28,238	\$10,000	\$0	\$0	10,000
114 Subsidence - System Wide	58,265	182,897	313.9%	(124,632)	13,306	-	0.0%	13,306	44,959	182,897	406.8%	(137,938)
115 GSA Engagement	207,820	174,747	84.1%	33,073	46,820	-	0.0%	46,820	161,000	174,747	108.5%	(13,747)
116 Water Quality	82,881	58,760	70.9%	24,121	30,043	25,314	84.3%	4,729	52,838	33,446	63.3%	19,391
TOTAL EXPENSES: SPECIAL PROJECTS	387,204	416,404	107.5%	(29,200)	118,408	25,314	21.4%	93,094	268,797	391,091	145.5%	(122,294)

BUDGET TO ACTUALS REPORT

					% of Budget YTD
Consultants	FY 2022 Approved Budget	FY 2022 Actuals	FY 2023 Projected	Surplus /(Shortage)	91.67%
General Counsel					
<i>Burke, Williams & Sorenson, LLC</i>	6,000	3,000	3,273	2,727	50.00%
			-		
Special Counsel					
<i>Water & Power Law Group</i>	200,000	212,356	231,661	(31,661)	106.18%
<i>Burke, Williams & Sorensen, LLC</i>	49,800	17,570	19,167	30,633	35.28%
<i>Somach Simmons</i>	119,000	73,233	79,890	39,110	61.54%
<i>BiOps Litigation (Kaplan & Kirsch)</i>	156,000	61,258	66,826	89,174	39.27%
<i>CEQA Litigation (Stoel Rives)</i>	126,000	68,599	74,835	51,165	54.44%
<i>Additional Special Counsel (TBD)</i>	55,500		-		
Special Counsel Subtotal	706,300	433,015	472,380	178,420	61.31%
Professional Support - Operations					
<i>General Consulting - as needed (Luce, Steve O. & MBK)</i>	192,820	30,755	33,551	159,269	15.95%
<i>Kan Ventures</i>	48,000	44,402	48,439	(439)	92.50%
<i>Additional Legal/Operations Consultant (TBD)</i>	96,000	-	96,000	0	
Professional Support - Operations Subtotal	336,820	75,157	191,872	144,948	22.31%
Professional Support - Communications & Outreach					
<i>External Affairs - Federal (Ferguson Group)</i>	40,000	35,328	40,000	0	88.32%
<i>External Affairs - State (Villines)</i>	40,000	34,650	40,000	0	86.63%
<i>Media & Materials - (Commuter Industries)</i>	40,500	3,158	3,445	37,055	7.80%
Professional Support - Comm. & Outreach Subtotal	120,500	73,137	83,445	37,055	60.69%
Consultants Subtotal	1,169,620	584,308	750,970	418,650	49.96%
Staff					
Leadership	657,758	675,286	736,676	(78,918)	102.66%
Staff Subtotal	657,758	675,286	736,676	(78,918)	102.66%
Other Activities					
CDTFA - State Water Resources Control Board	67,500	56,249	56,249	11,251	83.33%
Family Farm Alliance	15,000	15,000	15,000	0	100.00%
CVPWA dues	50,000	24,623	24,623	25,377	49.25%
SJV Blueprint	15,000	15,000	15,000	0	100.00%
Misc Organizational Contributions	15,000	13,997	13,997	1,003	
Dues & Fees Subtotal	162,500	124,869	124,869	36,628	76.84%
Other Supplies & Services					
<i>Travel</i>	60,000	10,210	30,210	29,790	17.02%
<i>Hotel</i>	37,500	15,962	17,413	20,087	42.57%
<i>Meals</i>	35,000	25,165	27,452	7,548	71.90%
<i>Miscellaneous visa receipts</i>	10,000	11,309	12,337	(2,337)	113.09%
<i>Meeting expenses -</i>	55,000	33,463	36,505	18,495	60.84%
Other Supplies & Services Subtotal	197,500	96,108	123,917	73,583	48.66%
Admin Allocation	175,000	145,311	158,521	16,479	83.03%
Direct Expenses (including rent, mileage)					
<i>Mileage</i>	27,500	13,200	14,400	13,100	48.00%
<i>Rent</i>	73,000	61,031	66,579	6,421	83.60%
<i>Office Expenses</i>	10,000	72	79	9,921	0.72%
<i>Office Supplies</i>	7,500	2,000	2,181	5,319	26.66%
<i>Utilities</i>	6,500	82	89	6,411	1.26%
Direct Expenses Subtotal	124,500	76,384	83,328	41,172	61.35%
Other Activities Subtotal	659,500	442,673	490,636	167,861	67.12%
Subtotal Base Budgets	2,486,878	1,702,267	1,978,282	507,593	68.45%
Special Projects					
BiOps Science Funding	10,000		10,000	0	
Total Special Projects	10,000	0	10,000	0	0.00%
Total Budgets	2,496,878	1,702,267	1,988,282	507,593	68.16%

Middle Reach Capacity Correction Project, Phase 1
Bureau of Reclamation and Friant Water Authority
Monthly Financial Status Report - Budget to Actual Spending
Expenditures through August 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	\$ 41,000,000	\$ 210,550,000	\$ 18,289,000		\$ 34,545,488	\$ 4,810,377	\$ 11,000,000	In progress	\$ 6,092,100	\$ 56,447,965
Expenditures to date	(38,944,532)	(59,601,234)	\$ (14,601,059)		(17,675,001)	(4,733,243)	(11,000,000)	-	-	(33,408,244)
Remaining Funding Available	\$ 2,055,468	\$ 150,948,766	\$ 3,687,941		\$ 16,870,487	\$ 77,134	\$ -	In progress	\$ 6,092,100	\$ 23,039,721

Project Cost Category	Budget Estimate (2022)			Prior Period Expenditures (Cumulative)		August 31, 2022 Expenditures		Total Expenditures through August 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	\$ 6,865,770	\$ 10,388,955	\$ 17,713	\$ 783,133	\$ 6,883,483	\$ 11,172,088	\$ 1,404,625	\$ 2,841,372
Legal & Administration (Facilitating Services) & IT Services	\$ 517,667	\$ 506,000	\$ 1,023,667	\$ 306,422	\$ 169,148	\$ 967	\$ 10,860	\$ 307,389	\$ 180,008	\$ 210,278	\$ 325,992
Permitting, NEPA/CEQA, Cultural Resources, & Environmental Monitoring	\$ 1,176,106	\$ 500,000	\$ 1,676,106	\$ 740,930	\$ 101,908	\$ 2,347	\$ -	\$ 743,277	\$ 101,908	\$ 432,829	\$ 398,092
Project Management	\$ 2,360,302	\$ 1,987,500	\$ 4,347,802	\$ 675,731	\$ 130,804	\$ 33,452	\$ 8,703	\$ 709,183	\$ 139,507	\$ 1,651,119	\$ 1,847,993
Construction Management	\$ 12,000,000	\$ -	\$ 12,000,000	\$ 1,571,776	\$ -	\$ 353,218		\$ 1,924,994	\$ -	\$ 10,075,006	\$ -
Design & Specifications	\$ 1,785,380	\$ -	\$ 1,785,380	\$ 1,344,808	\$ -	\$ 493		\$ 1,345,301	\$ -	\$ 440,079	\$ -
Construction Support	\$ 13,561,832	\$ -	\$ 13,561,832	\$ 3,361,888	\$ -	\$ 1,075,658		\$ 4,437,546	\$ -	\$ 9,124,287	\$ -
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	\$ 68,326,273	\$ 110,564,022	\$ 178,890,295	\$ 50,982,224	\$ 18,289,000	\$ 8,131,322		\$ 59,113,546	\$ 18,289,000	\$ 9,212,726	\$ 92,275,022
Construction Contract Contingency	\$ 6,524,022	\$ 6,524,022	\$ 13,048,044	\$ -	\$ -			\$ -	\$ -	\$ 6,524,022	\$ 6,524,022
Total	\$ 146,250,000	\$ 146,250,000	\$ 292,500,000	\$ 88,930,597	\$ 32,605,548	\$ 9,615,170	\$ 802,696	\$ 98,545,767	\$ 33,408,244	\$ 47,704,233	\$ 112,841,756

% Cost-Share

50%

50%

75%

25%

Please Note:

Actual cost-share percentages:

74%

26%

The difference is due to timing of when the FWA Spending Plan Funds are being expended by BOR.

Agenda Report

No. 2.C

DATE: September 22, 2022

TO: Board of Directors

FROM: Chris Hickernell, Superintendent

SUBJECT: Five-Year IntelliSite/Epic IO SCADA “As a Service” Contract

SUMMARY:

The FY 2023 budget includes costs to purchase license and support services from Intellisite that involve FWA Supervisory Control and Data Acquisition (SCADA) data points, cellular alarm system monitoring, water quality sensor data, and 356 electronic components that are out on the canal to be constantly monitored. The FY 2023 budget also included costs for providing a next-generation contractor portal (replacing the current IOS portal) and replacing the current non-Federal compliant cameras at each site with compliant next-generation cameras at each check site. Staff is recommending that FWA enter into a 5-year “as-a-service” contract with IntelliSite at \$160,208 per year (\$151,083.87 for FY 2023 due to a credit), for a total contract obligation over the 5-year period of \$791,915.87.

DISCUSSION:

In past years, FWA has contracted with IntelliSite for SCADA support services on an annual basis with all new hardware (including replacements) purchased by FWA. For FY 2023 through FY 2027, FWA staff is recommending entering into a 5-year “as a service” contract with IntelliSite/Epic IO where IntelliSite will be responsible for hardware upgrades and replacement (with the exception of replacements due to Act of God or vandalism).

The benefits to FWA to moving to this model are anticipated to include:

- EPIC iO to replace the remaining 13 UIGs and 78 cameras with new equipment
- All future hardware challenges (barring Act of God or vandalism) are supported by the EPIC iO Intellicare support model
- Fully leveraging the DeepInsights Platform – Add sensor data capabilities
- Integrating hardware warranties with the updated components at the check sites that will reduce delays in failed component replacement
- Providing secure direct, resilient, and encrypted network routing
- Removes the dependance on a third party (NCP) for SD-WAN capabilities that was causing significant communication challenges
- Enabling 5G capabilities (where 5G is available from the Cellular Carriers)
- Providing advanced remote monitoring and management of the technology components of the digital canal solution

- Delivering a next generation edge compute environment with advanced computer vision AI and integrated video solution
- Enabling a single pane of glass for operations management for all delivered components
- Enabling FWA to add additional sites or components as needed without significant capital costs (For example, replacing aging routers at the turnout locations or adding additional cameras via OpEx as a Service)

In the near term, moving to this option for FY 2023 would also net FWA a credit of \$9,124.83 for an UIG that was purchased by FWA recently).

Entering into this agreement does commit FWA to a 5-year contract with IntelliSite. Additionally, moving to this “as a service” model does mean that if FWA were to contract with another vendor, FWA would need to secure replacement hardware as the hardware installed under this service agreement would not be owned by FWA.

FWA is sole-sourcing this requirement based upon sole-source criteria 5.B.(3)(b) of FWA’s Purchasing Policy where the purchase is proprietary in nature to ensure compatibility with existing FWA operations and ensure cost-effective maintenance and support. Specifically, the current SCADA infrastructure and its components are proprietary to IntelliSite. Other vendor products and services cannot be used to maintain the existing infrastructure. A change to the existing infrastructure would require replacement over 365 components along the canal, along with new wiring and a new software platform. In the interest of cost and efficiency, it is in the best interest of FWA to single source these services with IntelliSite.

FINANCE COMMITTEE ACTION:

At the September 19, 2022 meeting, the Finance Committee acted to recommend that the Board of Directors to approve the 5-year “As a Service” Contract with IntelliSite for SCADA License and Support Services.

SUGGESTED MOTION:

I move that the Board of Directors approve the 5-year “As a Service” Contract with IntelliSite for SCADA License and Support Services.

BUDGET IMPACT:

There is no adverse impact on the budget. The recommended purchase is below the amount budgeted within the FY 2023 OM&R budget for the Friant-Kern Canal and the annual cost of \$160,208 / year for years FY 2024 – FY 2027 is within the annual anticipated costs for this service.

Agenda Report

No. 3.A

DATE: September 22, 2022

TO: Board of Directors

FROM: Wilson Orvis, CFO; Johnny Amaral, COO; & Chris Hickernell, General Superintendent

SUBJECT: Final Approval of the FY 2023 Operations, Maintenance, and Replacement (OM&R) Budget

SUMMARY:

The Board of Directors will review and discuss a recommendation for the final approval of FY 2023 OM&R Budget. The Budget was preliminarily approved by the Board of Directors during the June 23, 2022 meeting and was submitted for formal comments from the Friant-Kern Canal (FKC) Contractors. The 60-day formal comment period ended without FWA receiving any comments from FKC Contractors and the FY 2023 OM&R budget is ready for final approval. In addition to approving the FY 2023 OM&R Budget, there is a recommendation to approve carryover of budget from FY 2022 to FY 2023 for a few outstanding line-items.

DISCUSSION:

The proposed FY 2023 OM&R Budget was previously reviewed by the General Managers for the FKC Contractors (June 3, 2022), the O&M Committee (June 9, 2022), and the Executive Committee (June 13, 2022). Comments were incorporated from input received in those forums and the updated, preliminary OM&R Budget was approved by the Board of Directors during the June 23, 2022 meeting and was submitted for the 60-day formal comment period with comments due to Friant Water Authority (FWA) on August 31, 2022. No comments were received during the formal comment period.

Staff has reviewed the status of Fiscal Year FY 2022 budget activity. Based upon that review, staff is recommending approval of carryover of funds from FY 2022 into the FY 2023 budget for the following amounts and activities.

FY 2022 Budget Line-Item	Amount	Rationale
Motor Grader - Lindsay	\$ 323,732	Ordered in FY 2022, waiting delivery
Foreman Pickup - Delano	\$ 33,600	Ordered in FY 2022, waiting delivery
CSO Pickup - Orange Cove	\$ 25,290	Ordered in FY 2022, waiting delivery
CSO Pickup - Delano	\$ 25,290	Ordered in FY 2022, waiting delivery
Limatorque Actuators	\$ 21,000	Ordered in FY 2022, waiting delivery
Canal Sump Pump	\$ 9,000	Ordered in FY 2022, waiting delivery
Total	\$ 437,912	

Staff is recommending that the final FY 2023 OM&R Budget be approved as previously noticed without any changes. Further, staff is recommending the approval to carryover \$437,912 in FY 2022 budget to complete the funding of specific activities (see list above).

FINANCE COMMITTEE ACTION:

At the September 19, 2022 meeting, the Finance Committee acted to recommend that the Board of Directors provide final approval of the FY 2023 OM&R Budget to include approval of proposed carryover of specific amounts from the FY 2022 Budget.

SUGGESTED MOTION:

I move that the Board of Directors provide final approval of the FY 2023 OM&R Budget to include approval of proposed carryover of specific amounts from the FY 2022 Budget.

ATTACHMENTS:

FY 2023 OM&R Budget and 10-Year Plan



**Operations,
Maintenance, and Replacement
(OM&R) Budget**

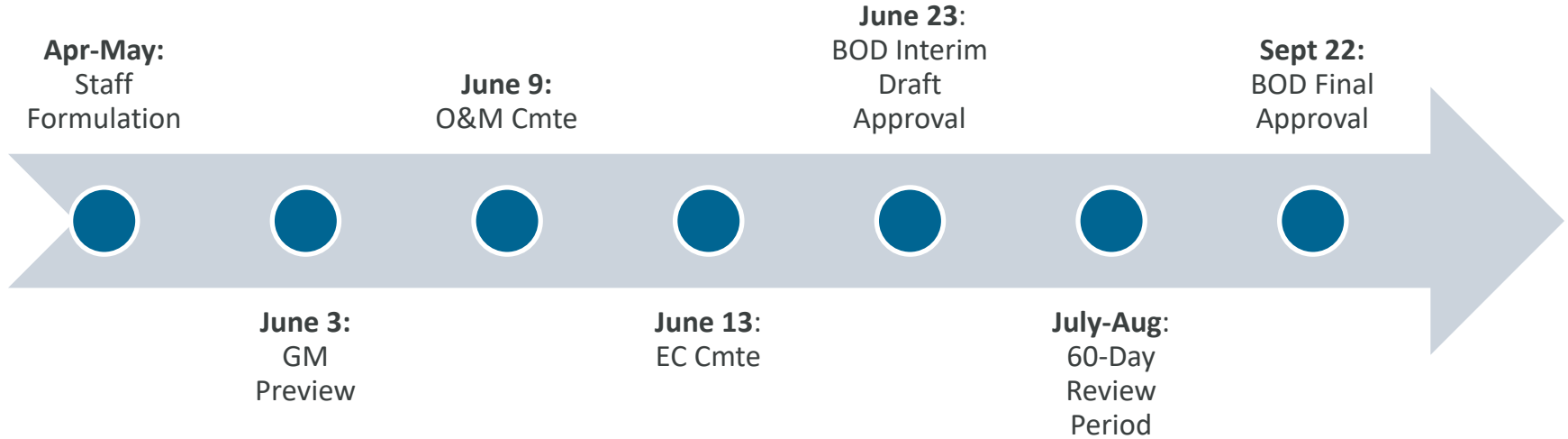
FY 2023 (Draft)



FY 2023
OM&R BUDGET OVERVIEW
June 23, 2022



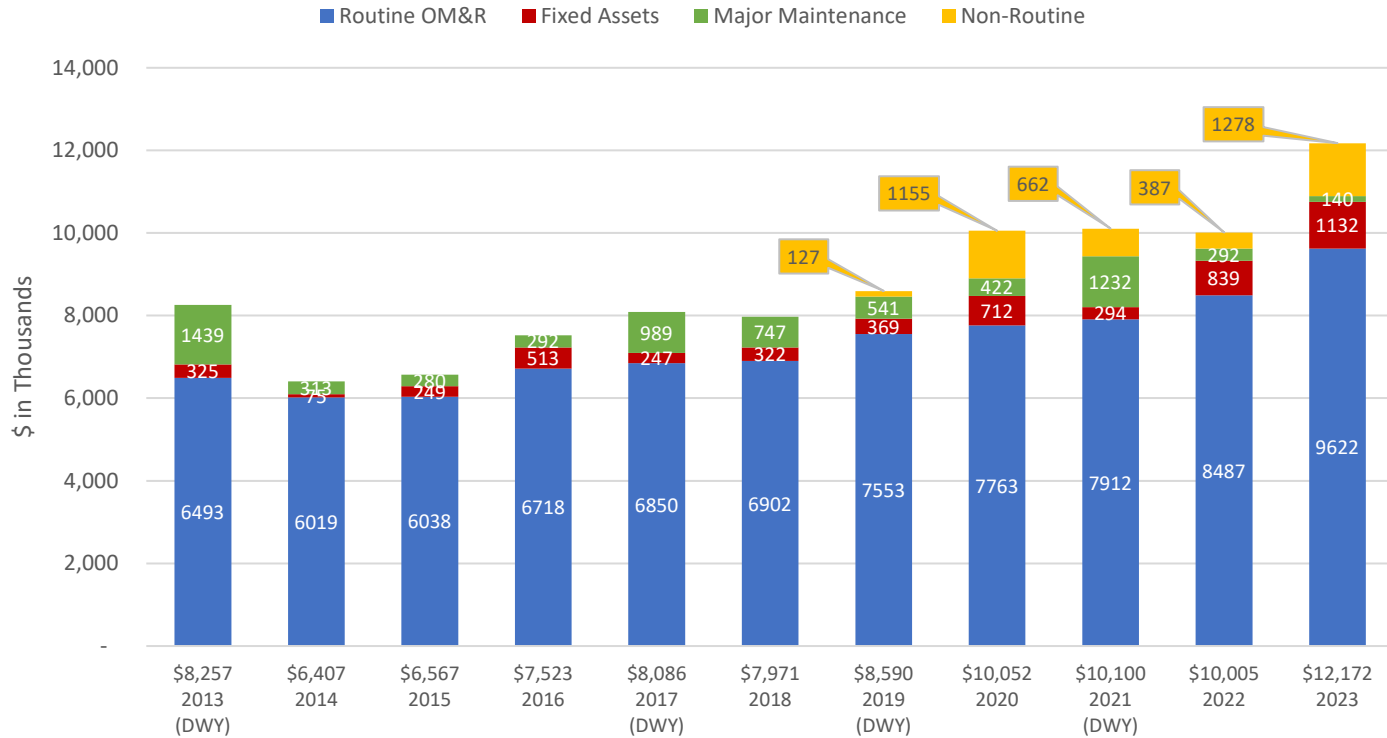
FY 2023 Formulation Timeline



Assumptions & Considerations

- Cost-of-Living-Adjustment:
 - Cumulative 10.2% impact in FY2023 over FY 2022:
 - +2.6% (FY 2022): FY22 Budget assumed 3.0%, actual COLA was 5.6%
 - +7.6% (FY 2023): FY23 Budget assumes 7.6% COLA based on the Consumer Price Index - Urban, West – Size B/C*
- Consumer Price Index
 - FY 2022 assumed 5%
 - FY 2023 assumes 10%, with certain material costs (e.g. fuels, chemicals, and fixed assets) adjusted to reflect current price increases.
- FY 2024 – Next Scheduled Dewatering Year

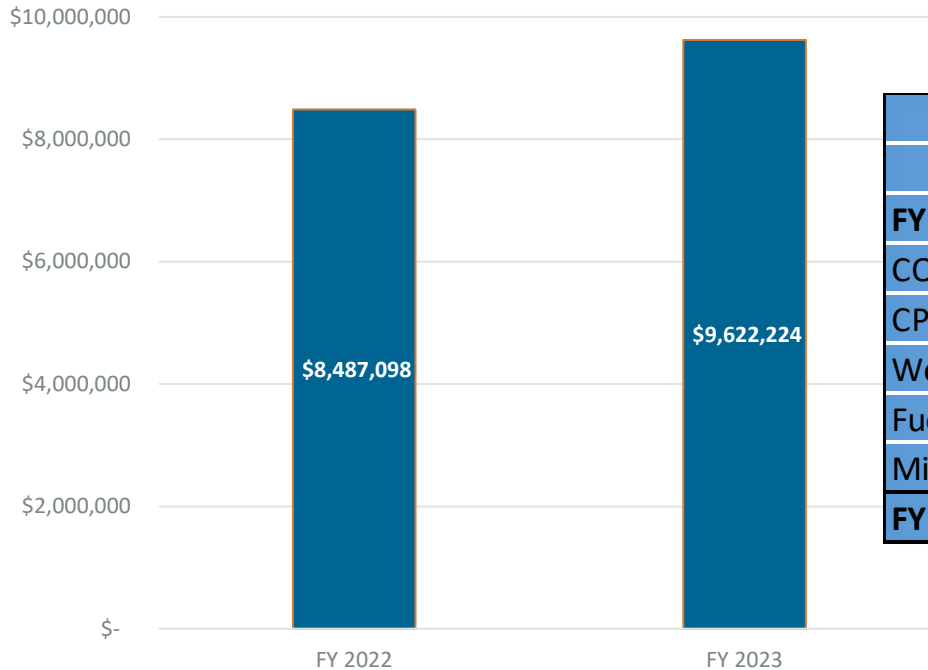
Comparative Year Over Year (YOY) OM&R SPENDING FY 2013 Thru FY2023



Note: Middle Reach Capacity Correction Project, Phase 1 Not Included (Separately, Previously Approved Budget)



Routine OM&R FY 2022 vs. FY 2023

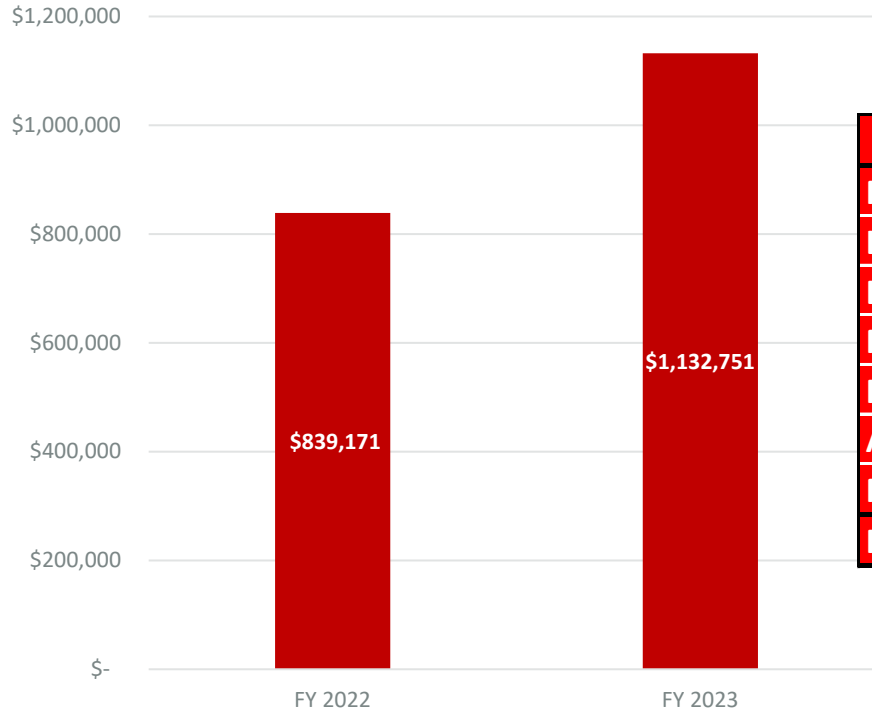


FY 2022 to FY 2023 Routine OM&R Budget	
Walkdown Table of Major Changes	
FY 2022	\$ 8,487,098
COLA (7.6% on Labor)	\$255,000
CPI (10% on Materials)	\$397,000
Weed Control (Chemical Costs)	\$270,000
Fuel	\$125,000
Misc	\$88,126
FY 2023	\$9,622,224



Fixed Assets

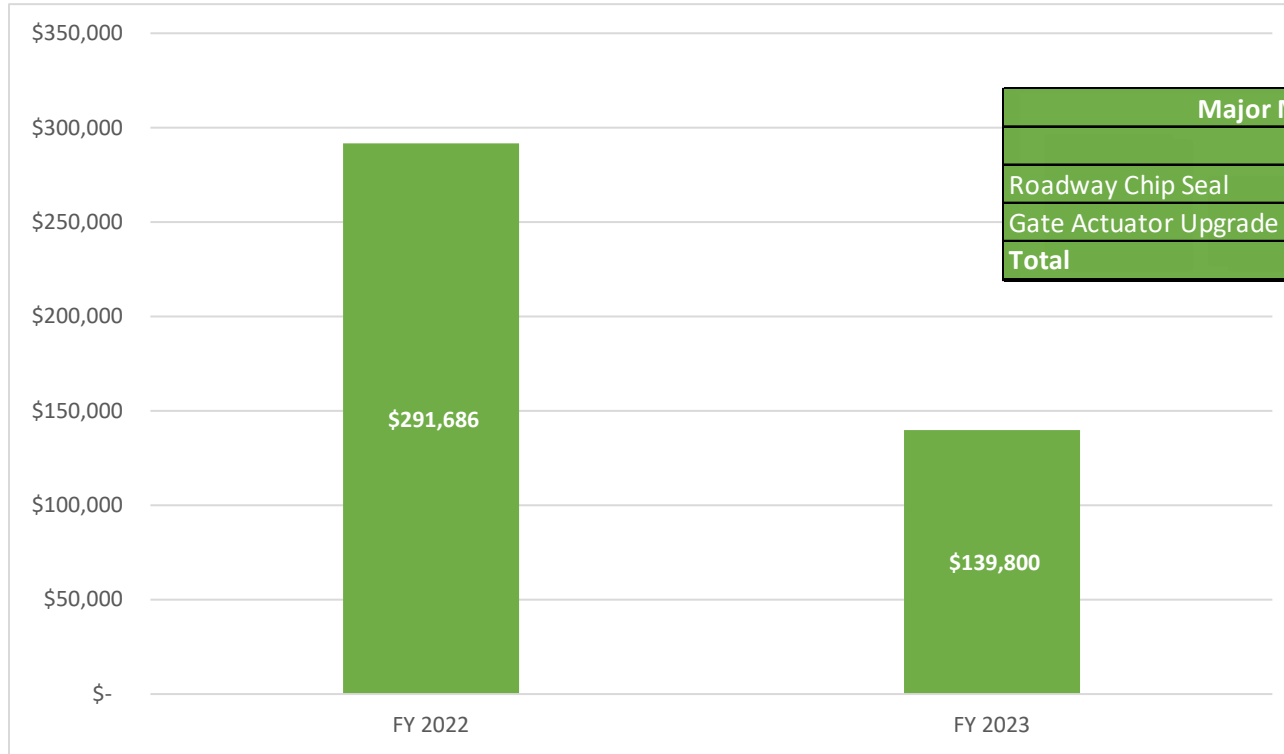
FY 2022 vs. FY 2023



FY 2023 Planned Asset Acquisitions	
Motor Grader (1)	\$367,568
Loader (1)	\$267,532
Boom Truck	\$230,388
Mini-Excavator	\$90,000
Replacement Vehicles (3)	\$112,200
Air Compressor	\$27,000
Miscellaneous Assets	\$38,063
FY 2023 Budget	\$1,132,751

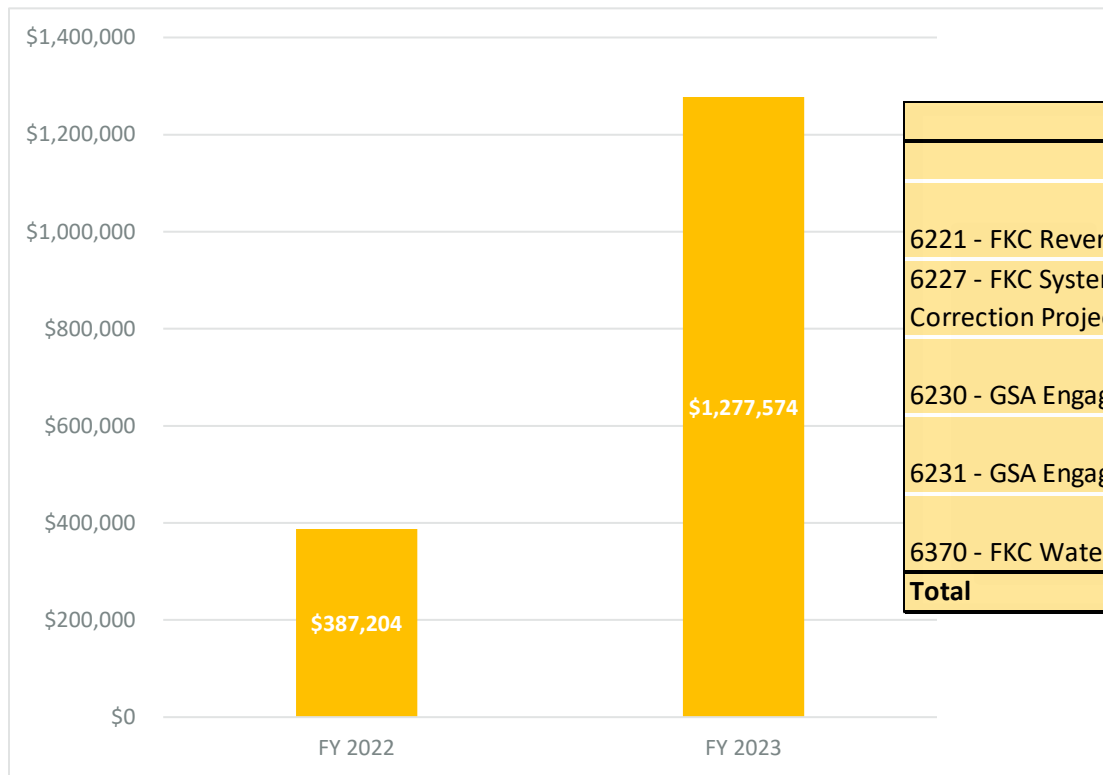


Major Maintenance FY 2022 vs. FY 2023



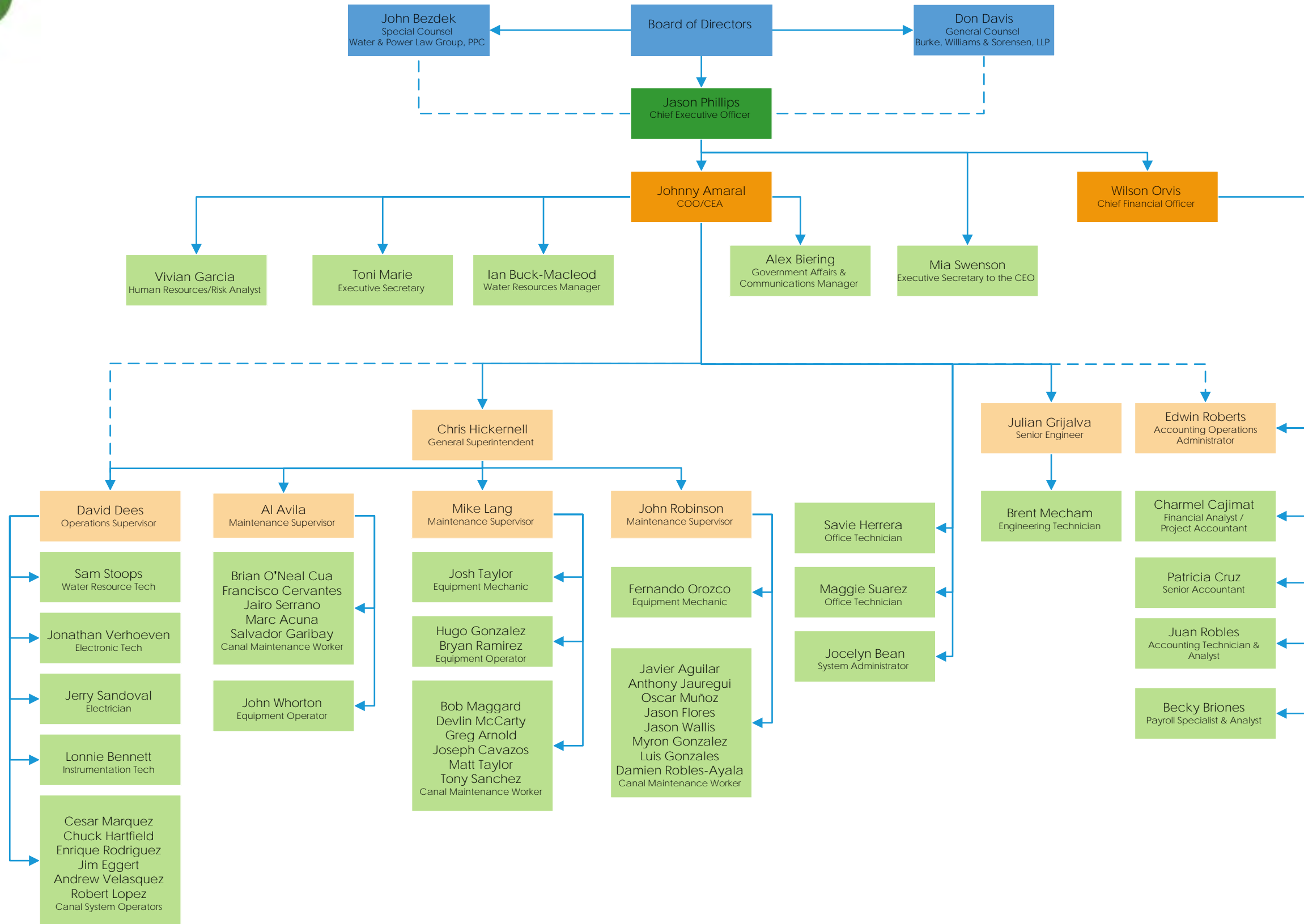
Major Maintenance Projects		
	FY 2022	FY 2023
Roadway Chip Seal	\$ 136,391	\$ -
Gate Actuator Upgrade	\$ 155,295	\$ 139,800
Total	\$ 291,686	\$ 139,800

Non-Routine OM&R FY 2022 vs. FY 2023



Non-Routine OM&R Projects		
	FY 2022	FY 2023
6221 - FKC Reverse Pump-Back Project	\$38,238	\$0
6227 - FKC System-Wide Capacity Correction Project	\$58,265	\$175,567
6230 - GSA Engagement (East)	\$207,820	\$382,380
6231 - GSA Engagement (West)	\$0	\$203,800
6370 - FKC Water Quality Program	\$82,881	\$515,827
Total	\$387,204	\$1,277,574





Friant Water Authority 10-Year Plan (Major Maintenance, Asset Acquisitions, & Extraordinary Maintenance)

FKC Facilities & Equipment		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2032	
Building and Yard Maintenance		\$0	\$225,000	\$185,000	\$24,000	\$0	\$83,000	\$0	\$8,000	\$400,000	\$0	\$0	\$925,000
Communications		\$0	\$30,000	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$530,000
Routine Dewatering			\$700,000			\$742,000			\$786,520			\$833,711	\$3,062,231
Canal Maintenance - Invasive Weed		\$0	\$230,000	\$0	\$0	\$230,000	\$0	\$0	\$230,000			\$230,000	\$920,000
Canal Maintenance - Checks, Wasteways & Turnouts		\$139,800	\$180,000	\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$859,800
Roadway Maintenance				\$246,000	\$265,000		\$265,000	\$265,000		\$265,000	\$265,000		\$1,571,000
Vehicle & Heavy Equipment Replacement		\$1,170,000	\$300,000	\$175,000	\$280,000		\$280,000	\$0		\$175,000	\$0	\$0	\$2,380,000
		\$ 1,309,800	\$ 1,665,000	\$ 606,000	\$ 819,000	\$ 1,152,000	\$ 628,000	\$ 265,000	\$ 1,204,520	\$ 1,090,000	\$ 265,000	\$ 1,243,711	\$9,004,320

FKC Special Projects*		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Capacity Restoration													\$ -
Upper Reach				\$ 6,525,000	\$ 19,575,000	\$ 65,250,000	\$ 78,300,000	\$ 65,250,000	\$ 26,100,000	\$ -			\$ 261,000,000
Middle Reach, Phase 2		\$ 5,200,000	\$ 15,600,000	\$ 52,000,000	\$ 62,400,000	\$ 52,000,000	\$ 20,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 208,000,000
Lower Reach		\$ -	\$ -		\$ 4,075,000	\$ 12,225,000	\$ 40,750,000	\$ 48,900,000	\$ 40,750,000	\$ 16,300,000		\$ -	\$ 163,000,000
Pumpback Project		\$ 1,000,000	\$ 17,100,000	\$ 17,900,000	\$ 18,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,800,000
		\$ 6,200,000	\$ 32,700,000	\$ 76,425,000	\$ 104,850,000	\$ 129,475,000	\$ 139,850,000	\$ 114,150,000	\$ 66,850,000	\$ 16,300,000	\$ -	\$ -	\$ 686,800,000

This denotes planned dewatering years
* These are proposed projects that will likely include specific participating Districts with a project-specific cost allocation as well as possible Federal, State, and Local Cost-Sharing/Match

Agenda Report

No.3.B

DATE: September 22, 2022

TO: Board of Directors

FROM: Johnny Amaral, CEA/COO and Vivian Garcia, HR

SUBJECT: Cost-of-Living Adjustment for Fiscal Year 2023

SUMMARY:

In the past, the Friant Water Authority (FWA) Board of Directors has considered a recommendation from the Human Resources Committee for a Cost-of-Living Adjustment (COLA) for FWA employees, exempting those employees covered by employment agreements that incorporate scheduled increases.

Based upon previous direction from the Human Resource Committee, FWA staff have used the Consumer Price Index, West – Size B/C, as an indicator for what to consider for the annual Cost-of-Living Adjustment (COLA). As of August 2022, the index identified a 8.3% increase in the consumer price index over a year ago (see attached table).

After review of the index and associated information at the August and September meetings, the Human Resources Committee is recommending that the Board of Directors approve a 7.6% COLA, which is consistent with the assumed COLA in the Fiscal Year 2023 budget.

FISCAL IMPACT:

The 2022 Operations, Maintenance, & Replacement (OM&R) and General Membership (GM) budgets were prepared assuming a 7.6% COLA adjustment. As such, the proposed 7.6% COLA will have no adverse impact on the FY 2023 budget.

HUMAN RESOURCES COMMITTEE ACTION:

At the September 19, 2022 meeting, the Human Resources Committee acted to recommend that the Board of Directors approve a 7.6% COLA adjustment for Friant Water Authority employees to take effect on October 1, 2022, excepting those employees covered by employment agreements that incorporate scheduled increases.

SUGGESTED MOTION:

I move that the Board of Directors approve an 7.6% COLA adjustment for Friant Water Authority employees to take effect on October 1, 2022, excepting those employees covered by employment agreements that incorporate scheduled increases.

ATTACHMENTS:

Consumer Price Indexes West – Size Class B/C and U.S. City Average schedule for August 2022.

CONSUMER PRICE INDEXES PACIFIC CITIES AND U. S. CITY AVERAGE August 2022

(All items indexes. 1982-84=100 unless otherwise noted. Not seasonally adjusted.)

MONTHLY DATA	All Urban Consumers (CPI-U)						Urban Wage Earners and Clerical Workers (CPI-W)					
	Indexes			Percent Change			Indexes			Percent Change		
				Year ending		1 Month ending				Year ending		1 Month ending
	Aug 2021	Jul 2022	Aug 2022	Jul 2022	Aug 2022	Aug 2022	Aug 2021	Jul 2022	Aug 2022	Jul 2022	Aug 2022	Aug 2022
U. S. City Average.....	273.567	296.276	296.171	8.5	8.3	0.0	268.387	292.219	291.629	9.1	8.7	-0.2
West.....	290.393	313.951	314.013	8.3	8.1	0.0	283.286	307.269	307.003	8.7	8.4	-0.1
West – Size Class A ¹	298.574	322.703	322.401	8.3	8.0	-0.1	289.706	313.747	313.057	8.5	8.1	-0.2
West – Size Class B/C ²	169.477	183.277	183.543	8.3	8.3	0.1	170.186	184.879	184.964	8.8	8.7	0.0
Mountain ³	113.807	124.452	124.731	9.6	9.6	0.2	114.777	126.047	126.066	10.2	9.8	0.0
Pacific ³	112.489	121.095	121.024	7.8	7.6	-0.1	113.370	122.454	122.304	8.2	7.9	-0.1
Los Angeles-Long Beach-Anaheim, CA.....	291.333	313.415	313.608	7.7	7.6	0.1	282.691	304.441	304.137	7.9	7.6	-0.1
BI-MONTHLY DATA (Published for odd months)	Indexes			Percent Change			Indexes			Percent Change		
				Year ending		2 Months ending				Year ending		2 Months ending
	Jul 2021	May 2022	Jul 2022	May 2022	Jul 2022	Jul 2022	Jul 2021	May 2022	Jul 2022	May 2022	Jul 2022	Jul 2022
Riverside-San Bernardino-Ontario, CA ³	114.682	123.893	125.262	9.4	9.2	1.1	115.129	124.853	126.084	9.8	9.5	1.0
San Diego-Carlsbad, CA.....	323.906	343.502	347.462	8.3	7.3	1.2	307.737	327.997	331.914	9.2	7.9	1.2
Urban Hawaii.....	298.820	317.207	319.197	7.0	6.8	0.6	296.723	314.884	318.257	6.9	7.3	1.1
BI-MONTHLY DATA (Published for even months)	Indexes			Percent Change			Indexes			Percent Change		
				Year ending		2 Months ending				Year ending		2 Months ending
	Aug 2021	Jun 2022	Aug 2022	Jun 2022	Aug 2022	Aug 2022	Aug 2021	Jun 2022	Aug 2022	Jun 2022	Aug 2022	Aug 2022
Phoenix-Mesa-Scottsdale, AZ ⁴	153.931	172.643	173.952	12.3	13.0	0.8	153.035	172.827	173.148	13.1	13.1	0.2
San Francisco-Oakland-Hayward, CA.....	311.167	330.539	328.871	6.8	5.7	-0.5	307.423	328.137	325.932	7.6	6.0	-0.7
Seattle-Tacoma-Bellevue, WA.....	299.704	326.656	326.796	10.1	9.0	0.0	295.410	321.626	322.664	9.5	9.2	0.3
Urban Alaska.....	239.899	268.916	258.149	12.4	7.6	-4.0	239.491	265.859	257.738	11.8	7.6	-3.1

1 Population over 2,500,000 2 Population 2,500,000 and under, Dec 1996 = 100 3 Dec 2017=100 4 Dec 2001=100

NOTE: In January 2018, BLS introduced a new geographic area sample for the Consumer Price Index (CPI): www.bls.gov/regions/west/factsheet/2018cpirevisionwest.pdf

1967=100 base year indexes and tables with semiannual and annual average data are available at: www.bls.gov/regions/west/factsheet/consumer-price-index-data-tables.htm

Release date September 13, 2022. The next release date is scheduled for October 13, 2022. For questions, please contact us at BLSinfoSF@bls.gov or (415) 625-2270.



Begin Phase 1 Project

Avenue 136

LTRID

TPDWD

Avenue 128

Siphon 4

Avenue 120

T

SID

Avenue 112

Siphon 5

T

T

DCTRA

SID

Avenue 104

Deer Creek Check/Siphon

T

T

TBID

Siphon 6

Siphon 7

Road 208

T

SID

Avenue 88

Siphon 8

Avenue 80

Siphon 9

T

SID

T

DEID

Siphon 10

Avenue 64

End Phase 1 Project

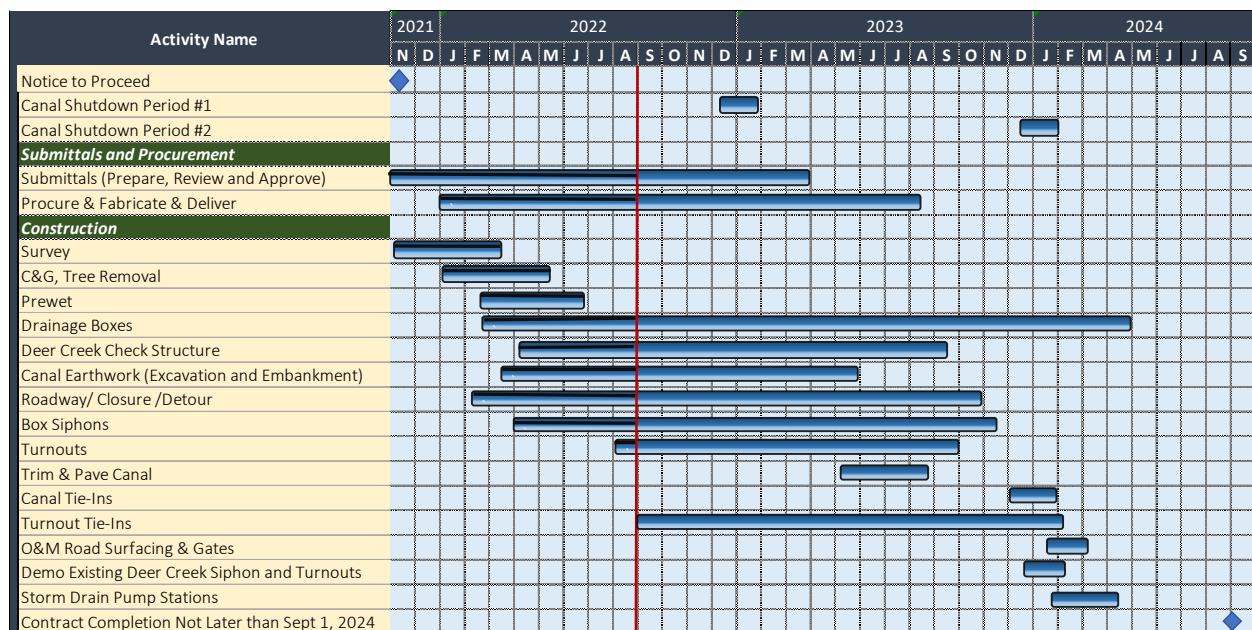
FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT PHASE 1

Construction Progress Report: August 2022

Summary of Work Accomplished

- The Contractor has worked 239 calendar days as of August 27th.
- 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, and reinforcing bar steel placement.
- Work for the roadway crossing siphons at Avenue 88 and Avenue 112 included concrete formwork placement, waterstop installation, and reinforcing bar steel placement.
- The excavation for the roadway siphon at Road 192 was completed and formwork and reinforcing bar placement was started.
- Road closures for roadway siphons at Avenue 88 and 112 are in effect and a temporary shoofly is in place at Road 192.
- Work continued on the irrigation and drainage box extensions at six locations.

Schedule Progress



Work completed to-date (based on cost) is approximately 35.3 percent of the original contract amount, and the elapsed time (through August) represents approximately 29.4 percent of the total contract time

Construction Narrative

Canal excavation and embankment placement continued, with work generally being performed from Avenue 112 to the south end of the alignment. The embankment completion varies along the alignment, with the highest completion from Terra Bella Avenue northwards. 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, with materials from the canal excavation and Road 192 siphon excavation used from Terra Bella Avenue southwards. Compaction tests were performed on the embankment placement, with all areas passing prior to the placement of the next lift. Equipment used for the canal embankment fill included a CAT 14 motor grader or D6 dozer equipped with GPS to spread the materials on the embankments. 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. Due to the excessive heat, field personnel typically worked from 6 am to 2:30 pm.

At the Deer Creek area, work continued to install the concrete formwork. The Contractor also completed placing the reinforcement and wall dowels for three siphon slab sections, and started placing reinforcement for the check slab. Two groundwater dewatering wells were used periodically. At the new roadway siphon in Avenue 88, the Contractor finished placing the slab/wall waterstops and reinforcement for three slabs was completed and checked. The Contractor finished installing the slab bulkhead, waterstops, formwork, and reinforcement and wall dowels for two slabs for the new roadway siphon at Avenue 112. The Road 192 siphon excavation was completed and inspected. The Contractor started installing the slab bulkhead, waterstops, formwork, reinforcement and wall dowels for four slab sections.

Work on the irrigation and drainage extensions at six locations continued this month. The Contractor continued formwork placement for the drainage box south of Road 208. Work continued to place and compact the pipe backfill for the 48-inch pipes at several locations. Installation of the 24-inch irrigation line south of Avenue 88 was started. Excavation was started for the TBID/DCTRA pits and SID S-2 turnouts.

Environmental

Biological construction monitoring in areas of active construction continued. To-date, no evidence has been found to indicate the presence of kit fox or burrowing owls within the work area. Reduced buffer areas for nesting birds are currently in place at swallow nests on bridges and buffers are being removed as birds are leaving the area.

Change Orders

There was a \$200,000 change order this month to pay for new pipe at the DCTRA turnout.

Construction Progress Photographs¹



Deer Creek Siphon Reinforcement and Waterstop install in progress



Field welding the 24-inch irrigation line



Night Work - Mortar lining the 24-inch irrigation pipe joints



Slab reinforcement installation at Road 192 Siphon



Excavation for TBID DCTRA and SID S2 turnouts



Canal Excavation and Embankment south of Deer Creek

¹ Photographs courtesy of Reclamation



Deer Creek Siphon Construction



Road 192 Siphon Formwork and Reinforcement



Avenue 88 Siphon



Avenue 112 Siphon

Progress Map



Progress Map continued



Middle Reach Capacity Correction Project, Phase 1
Bureau of Reclamation and Friant Water Authority
Monthly Financial Status Report - Budget to Actual Spending
Expenditures through August 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	\$ 41,000,000	\$ 210,550,000	\$ 18,289,000		\$ 34,545,488	\$ 4,810,377	\$ 11,000,000	In progress	\$ 6,092,100	\$ 56,447,965
Expenditures to date	(38,944,532)	(59,601,234)	\$ (14,601,059)		(17,675,001)	(4,733,243)	(11,000,000)	-	-	(33,408,244)
Remaining Funding Available	\$ 2,055,468	\$ 150,948,766	\$ 3,687,941		\$ 16,870,487	\$ 77,134	\$ -	In progress	\$ 6,092,100	\$ 23,039,721

Project Cost Category	Budget Estimate (2022)			Prior Period Expenditures (Cumulative)		August 31, 2022 Expenditures		Total Expenditures through August 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	\$ 6,865,770	\$ 10,388,955	\$ 17,713	\$ 783,133	\$ 6,883,483	\$ 11,172,088	\$ 1,404,625	\$ 2,841,372
Legal & Administration (Facilitating Services) & IT Services	\$ 517,667	\$ 506,000	\$ 1,023,667	\$ 306,422	\$ 169,148	\$ 967	\$ 10,860	\$ 307,389	\$ 180,008	\$ 210,278	\$ 325,992
Permitting, NEPA/CEQA, Cultural Resources, & Environmental Monitoring	\$ 1,176,106	\$ 500,000	\$ 1,676,106	\$ 740,930	\$ 101,908	\$ 2,347	\$ -	\$ 743,277	\$ 101,908	\$ 432,829	\$ 398,092
Project Management	\$ 2,360,302	\$ 1,987,500	\$ 4,347,802	\$ 675,731	\$ 130,804	\$ 33,452	\$ 8,703	\$ 709,183	\$ 139,507	\$ 1,651,119	\$ 1,847,993
Construction Management	\$ 12,000,000	\$ -	\$ 12,000,000	\$ 1,571,776	\$ -	\$ 353,218		\$ 1,924,994	\$ -	\$ 10,075,006	\$ -
Design & Specifications	\$ 1,785,380	\$ -	\$ 1,785,380	\$ 1,344,808	\$ -	\$ 493		\$ 1,345,301	\$ -	\$ 440,079	\$ -
Construction Support	\$ 13,561,832	\$ -	\$ 13,561,832	\$ 3,361,888	\$ -	\$ 1,075,658		\$ 4,437,546	\$ -	\$ 9,124,287	\$ -
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	\$ 68,326,273	\$ 110,564,022	\$ 178,890,295	\$ 50,982,224	\$ 18,289,000	\$ 8,131,322		\$ 59,113,546	\$ 18,289,000	\$ 9,212,726	\$ 92,275,022
Construction Contract Contingency	\$ 6,524,022	\$ 6,524,022	\$ 13,048,044	\$ -	\$ -			\$ -	\$ -	\$ 6,524,022	\$ 6,524,022
Total	\$ 146,250,000	\$ 146,250,000	\$ 292,500,000	\$ 88,930,597	\$ 32,605,548	\$ 9,615,170	\$ 802,696	\$ 98,545,767	\$ 33,408,244	\$ 47,704,233	\$ 112,841,756

% Cost-Share50%50%

75%25%

Please Note:

Actual cost-share percentages:74%26%

The difference is due to timing of when the FWA Spending Plan Funds are being expended by BOR.

Agenda Report

No. 4.B

DATE: September 22, 2022

TO: Board of Directors

FROM: Ian Buck-Macleod, Water Resource Manager; Evan Perez, Stantec

PREPARED BY: Evan Perez, Stantec

SUBJECT: Update on Friant-Kern Canal System-wide Capacity Correction Reconnaissance Study

BACKGROUND:

Capacity correction of the Friant-Kern Canal has been studied as part of Part III of the San Joaquin River Restoration Settlement Act since before 2010. The goal of these studies was to restore the maximum design capacity of the entire Friant-Kern Canal. Operating the canal during the wet year of 2017 revealed the severe capacity constraint in the Middle Reach of the Friant-Kern Canal (Fifth Avenue Check Structure to Lake Woollomes Check Structure). The Middle Reach of the canal became the focus for study, and subsequent construction. Phase 1 of the Middle Reach Capacity Correction Project (MRCCP) is designed to restore the historic system-wide delivery capability of the Friant-Kern Canal through this reach. The benefits of Phase 2 of the Middle Reach are tied to the ability to move water into that portion of the system, beyond what has been done historically.

The System-wide Capacity Correction Reconnaissance Study is assessing the engineering alternatives, costs, and potential benefits associated with restoring the design capacity for areas outside of Phase 1 of the MRCCP. The study will estimate the potential of maximizing deliveries of the canal during flood operations.

DISCUSSION:

Purpose of the Study

The purpose of the Friant-Kern Canal System-wide Capacity Correction Reconnaissance Study (Reconnaissance Study) is to determine if a potentially feasible alternative or set of alternatives warrants further evaluation in subsequent phases of study. Preliminary information on the benefits and costs of potential system-wide capacity correction actions will be developed. This information is intended to help Friant Division contractors make decisions on their interest in moving forward with system-wide capacity correction projects in addition to future phases of the Middle Reach Capacity Correction Project. An overview of the planning process for the Reconnaissance Study and subsequent planning studies is shown in Figure 1.

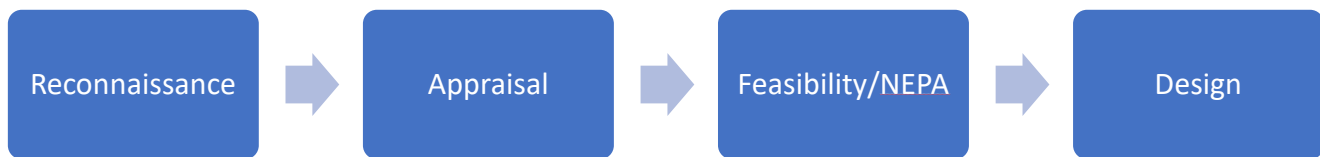


Figure 1. System-Wide Capacity Correction Planning Process

Progress to Date

The Reconnaissance Study includes three analyses that are progressing in parallel. The hydraulics analysis team is updating the HEC-RAS model, developed in 2010, to calculate the existing capacity and assess potential alternatives. The engineering analysis team is assessing potential alternatives at the identified capacity constrained locations and developing preliminary costs. The water delivery capability and benefits analysis team is assessing the potential benefits of increased water deliveries by potential alternative and evaluating associated economic benefits.

Hydraulic and Engineering Analysis – The engineering and hydraulics teams visited the Friant-Kern Canal in June and assessed the locations with identified capacity constraints. The teams also spent time coordinating with Friant Water Authority Operations staff to learn more about the on the ground operations and observed capacities. The hydraulics team updated the existing HEC-RAS model originally developed in 2010, with current canal structure inventory and updated assumptions based on the modeling updates made for the MRCCP.

The engineering and hydraulics teams have focused on updating the model assumptions for the roughness coefficient, or Manning’s *n* value. The roughness coefficient used for the original design was not reflective of the real-world condition and resulted in a lower realized capacity of the Friant-Kern Canal than was intended during design. The engineering and hydraulic teams calculated an updated real-word condition roughness coefficient for the Upper and Lower reaches of the Friant-Kern Canal.

Using the updated roughness coefficients, the modeled capacities have been determined for a variety of operating conditions. The Reconnaissance Study modeled existing capacity will be based on the flood flow freeboard requirements, or half of the Reclamation calculated freeboard for normal design conditions.

The engineering and hydraulics teams have tested initial runs that include the removal of potential point constraints (abandoned siphons, bridges) to determine the benefits of focused fixes. The increase in overall capacity from these actions appear to be limited and focused on very short reaches of the Friant-Kern Canal.

Water Delivery Capability and Benefits Analysis – The water delivery capability and benefits analysis team is developing an operations and benefits model (Benefits Analysis Model) to simulate the potential future deliveries under a variety of future conditions. Water delivery capability curves have been developed for each Friant-Division contractor along the Friant-Kern Canal. Contractors provided

information on existing in-district recharge capabilities, planned future recharge capability, and ultimate buildout recharge capability. The water delivery capability curves will be applied during periods of spill along the San Joaquin River, to represent a maximum possible delivery to a district. A sample of water delivery capability curves for 2005 are shown in Figure 2.

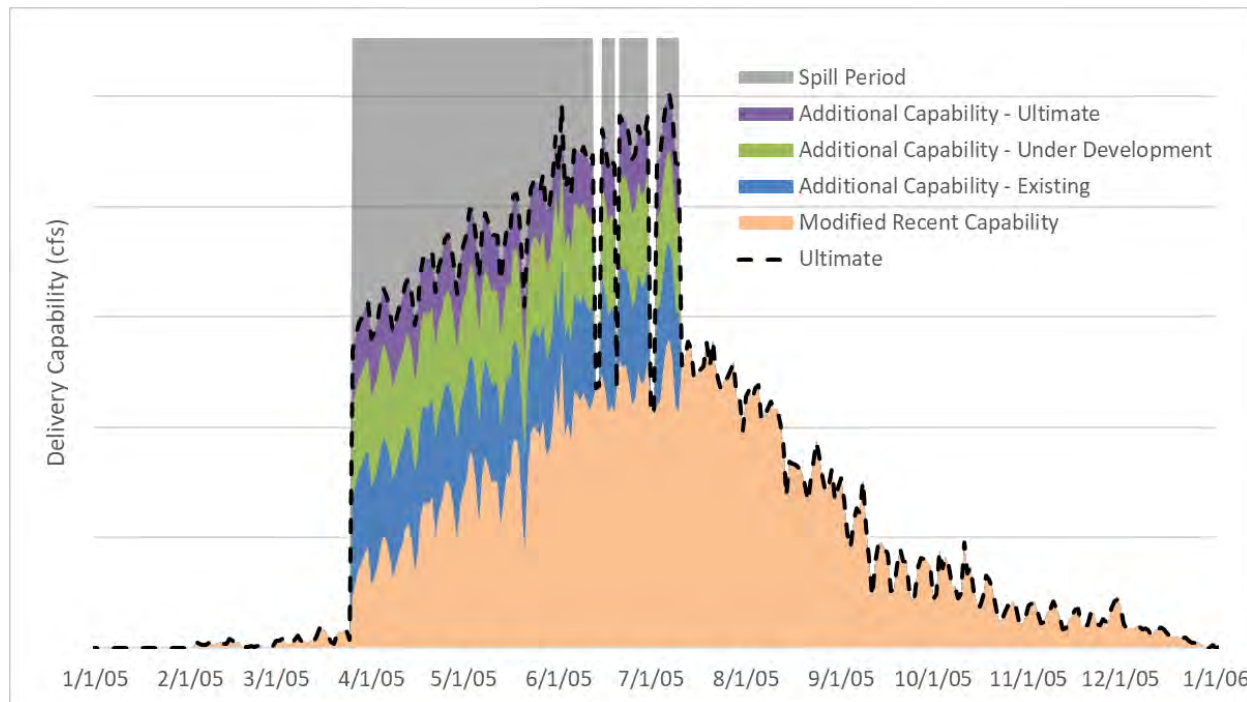


Figure 2. Sample Water Delivery Capability Curves for Sample District in 2005

The Benefits Analysis model is simulating historic deliveries in the Friant-Kern Canal from the period from January 2003 through March 2020. The model simulates delivering spills from Friant Dam down the Friant-Kern Canal to Friant Division contractors, which would exceed the deliveries made during the historical, constrained condition. The model accounts for the allocation of spills between the Friant-Kern Canal and Madera Canal, allocation of spills to contractors under a variety of methods, the system-wide capacity, and prorated rules. The water delivery capability curves are used as checks on deliveries to Friant Division contractors to potentially limit the capacities to reasonable volumes.

Preliminary Findings

The preliminary findings of the Engineering and Hydraulics analysis have shown that the roughness coefficient used for design ($n = 0.014$) is not sufficient to match the field conditions for roughness in the Upper Reach (calculated as $n = 0.018$). This insufficient roughness coefficient is the significant driver for capacity constraints in the Upper Reach and fixing individual constraint points would not provide significant benefits compared to large embankment and liner raises. Preliminary hydraulic simulations for removing potential pinch points are being evaluated.

The water delivery capability and benefits models are still being refined to capture the best available information. The analysis assesses the benefits under a variety of different assumptions for availability of spills for delivery to the Friant-Kern Canal, allocation of spills to contractors, and different potential capacity correction projects. A sample of the benefits for a single condition is shown in Figure 3. The

preliminary results show the average annual benefits to each district for the period of 2003 – 2019 for the full capacity restoration. These results assume a split of available flood flows between the Friant-Kern and Madera canals based on Class 2 contract quantity and allocating flood flows to the Friant Division contractors based on Class 2 contracts.

Figure 3. PRELIMINARY Average Annual Increase in Deliveries During Period of 2003 - 2019

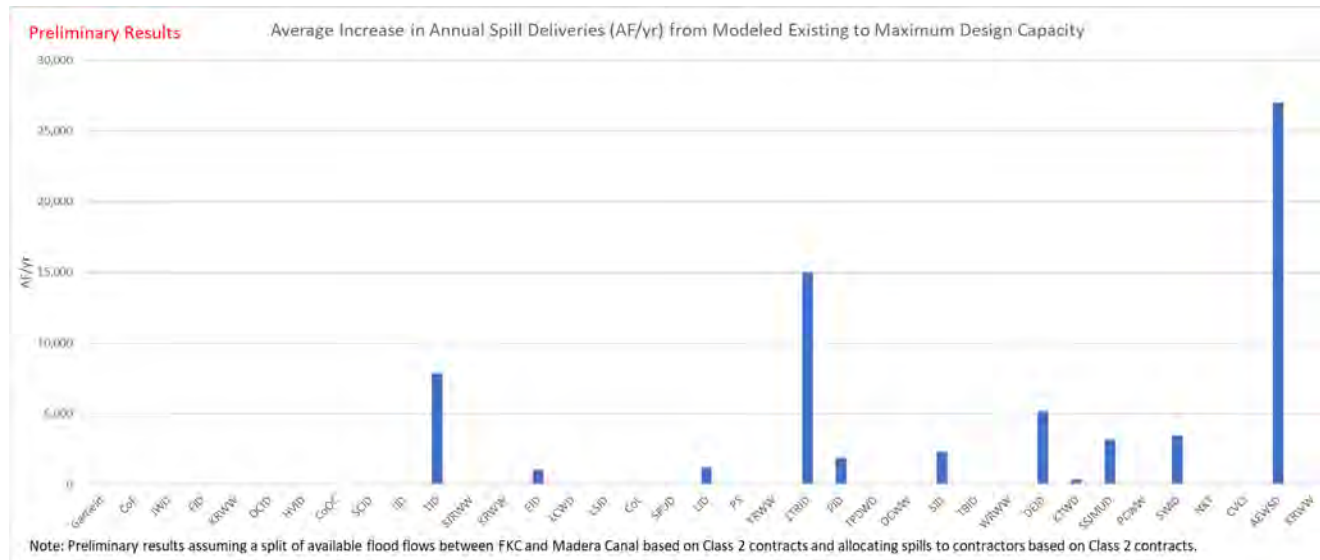


Figure 3. PRELIMINARY Average Annual Increase in Deliveries During Period of 2003 - 2019

These results and assumptions are preliminary and will continue to be refined.

Next Steps

Preliminary results have shown that in order to restore the full design capacity, significant embankment and liner raises would be required for the Upper Reach of the Friant-Kern Canal. Reclamation prepared cost estimates for embankment and liner raises for the Upper Reach of the Friant-Kern Canal in 2014, and at that time the magnitude of the total construction costs was between \$140 and \$195 million. To refine the analysis, incremental evaluations should be performed to identify the economic break point for improvements based on benefit cost analysis. The analysis can provide a first look at this in the current study if the engineering analysis is re-focused; however, more details will be needed in a future phase.

Additional details and modeling results will be provided at the October board meeting and presented in November at the FWA Board Retreat planned for November 16th and 17th in Paso Robles.

AGENDA REPORT

NO. 4.D

DATE: September 22, 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

This is a quiet time of year in Sacramento as the California Legislature is currently in the final recess of the 2021/2022 legislative session, and many members facing reelection on November 8 are home campaigning. The final deadline for all bills to pass was August 31, and Governor Newsom has until the end of September to sign or veto bills; if he fails to sign or veto the bills on his desk they automatically become law.

- AB 2108 (Rivas): Would require that one of the Governor's appointees to the SWRCB and to each regional board be qualified in the field of water supply and water quality relating to disadvantaged or tribal communities. *Signed by the Governor on September 16.*
- AB 2201 (Bennett): Would prohibit a county, city, or any other water well permitting agency from approving a permit for a new groundwater well or for an alteration to an existing well in a basin subject to SGMA and classified as medium- or high-priority unless specified conditions are met, including that it obtains a written verification from the GSA that the well is consistent with the GSP. *Passed by the Senate and then died in the Assembly during conference committee.*
- ACA 13 (Mathis): Would require the Treasurer to annually transfer an amount equal to 2% of all state revenues from the General Fund to the Water Infrastructure Trust Account, which the measure would create. *Failed the August 31 deadline and is dead.*

- SB 1205 (Allen): Would require the SWRCB to develop and adopt regulations to require more detailed and comprehensive water availability analyses that are submitted by water right permit applicants. *Signed by the Governor on September 16.*

Federal Affairs

Deadline Nears for Temporary CR to Fund Government Past September 30

As the September 30 deadline to pass a government funding extension nears, Congress continues to squabble over the addition of possible provisions detailing environmental permitting reforms for energy projects, a vote on which was agreed to in a deal between Senate Majority Leader Schumer (D-NY) and Sen. Manchin (D-WV) in exchange for his vote on the Inflation Reduction Act. Also, negotiations continue on \$47.1 billion in new funding requested by the Biden Administration for more aid to Ukraine, COVID and monkeypox funding, and natural disasters.

Progressive Democrats are opposing any energy permitting reforms on the must-pass continuing resolution (CR) to fund the government past the end of the fiscal year, while Republicans are saying that most of the additional funding could wait until an omnibus spending bill in a post-election lame duck session, with the possibility of the Ukraine funding garnering bipartisan support in a CR.

The CR could surface sometime this week and could be taken up in either the House or Senate at this point. No one in Congress wants a government shutdown on October 1, especially with the mid-term elections looming on the horizon. Dems want the CR to fund the government to mid-December, while some in the GOP want to punt the entire spending bill into the next Congress, when they believe Republicans could possibly take over the majority in one or both chambers.

House Committee Hearings on Clean Water Act, Water Security Concerns

The Transportation and Infrastructure (T&I) Subcommittee on Water Resources and Environment's will hold a hearing on Tuesday on the "lessons learned" in the 50 years since Congress passed the Clean Water Act (CWA). One topic of the hearing could be the Supreme Court's decision to take up a clean water case in Idaho. Over 165 Members of Congress recently wrote to the Supreme Court citing years of water quality progress under the CWA and asking the Court to support the Biden Administration's position that the CWA's jurisdiction over "waters of the U.S.", or WOTUS should not be limited by the Court's upcoming decision in *Sackett v. EPA*. The *Sackett* decision could finally define WOTUS and limit EPA and the Corps of Engineers' regulatory reach under the CWA.

On Wednesday, the House Homeland Security Committee will discuss critical water infrastructure preparedness and resilience, especially after the water treatment plant failure in Jackson, Mississippi threatening the residential water supply of the state's capitol city.

Senate Committee Hearing Focuses on Implementation of the Infrastructure Law

The Senate Environment and Public Works (EPW) Committee will hold an oversight hearing this Wednesday on the implementation of last year's bipartisan infrastructure law (BIL). With hundreds of billions in federal funding going to roads, bridges and water infrastructure, all of which are under the

Committee's jurisdiction, the hearing will focus on state and local level experiences with the law, mostly geared towards transportation investments under the BIL. Witnesses include Nicole Majeski, secretary, Delaware Department of Transportation; Regina Romero, mayor, Tucson, Arizona; Jimmy Wriston, secretary, West Virginia Department of Transportation; and Jim Tymon, executive director, American Association of State Highway and Transportation Officials.

Congressional Schedule

The House and Senate are in session this week.

Tuesday, September 20th

House Committee on Natural Resources

- Energy and Mineral Resources Subcommittee hearing on “Public Lands and Waters Climate Leadership Act of 2022”

House Agriculture Committee

- Conservation and Forestry Subcommittee Hearing on “A 2022 Review of the Farm Bill: Stakeholder Perspectives on Title II Conservation Programs”

Wednesday, September 21st

House Natural Resources Committee

- Full Committee Markup of H.Res.1253, H.Res.1248, H.Res.1247, H.Res.1251, H.Res.1252, and H.R.4690

Senate Environment and Public Works Committee

- Hearings to examine putting the Bipartisan Infrastructure law to work, focusing on state and local perspectives.

Thursday, September 22nd

House Natural Resources Committee

- Hearing to examine PROMESA and LUMA Energy’s Contract.

Senate Energy and Natural Resources Committee

- Hearings to examine opportunities and challenges in deploying innovative battery and non-battery technologies for energy storage.

BUDGET IMPACT:

None.

ATTACHMENTS:

Family Farm Alliance Executive Director's Report for September 2022; TFG Legislative Tracker



MEMORANDUM

TO: FRIANT WATER AUTHORITY BOARD OF DIRECTORS
FROM: DAN KEPPEL, EXECUTIVE DIRECTOR
SUBJECT: UPDATE REPORT
DATE: SEPTEMBER 19, 2022

This memo is intended to keep you apprised as to what is happening behind the scenes on policy issues the Family Farm Alliance is engaged in. In the past month, much of our efforts have focused on working with our members on short-term solutions to prop up reservoir levels on the Colorado River, planning for our 2022 Farmer Lobbyist trip, 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 memo.

BIDEN ADMINISTRATION DEVELOPMENTS

1. Appointments

The Biden White House energy and climate team is changing with the announced departure of Gina McCarthy, the climate czar who previously served as the head of the Obama Administration Environmental Protection Agency (EPA). Replacing McCarthy as climate advisor will be her deputy, Ali Zaidi. John Podesta will also be joining the Biden White House. He is a former senior White House climate advisor in the Obama Administration who supposedly will head up implementation of the massive \$369 billion climate and energy spending bill, the *Inflation Reduction Act (IRA)* – see Item 2, below) which passed in August using the budget reconciliation process to get around a Senate filibuster on a 51-50 vote in the evenly split Senate.

On August 15, the Department of the Interior swore in the new Director of the U.S. Geological Survey (USGS), David Applegate. He joined the USGS in 2004, and in 2021 began serving as the USGS Associate Director for Natural Hazards. USGS is the sole earth science agency for the Department of the Interior and the federal government. It is sought out by thousands of partners

and customers for its natural science expertise and its vast earth and biological data holdings.

2. President Signs Massive Health Care/Climate/Tax Bill into Law

President Biden on August 16 signed the \$459 billion Inflation Reduction Act (IRA) – a massive health care, climate and tax bill - into law. Much of the spending goes to climate programs. The White House is preparing for a much larger celebration on September 6, when Americans are expected to pay more attention to what's at stake in the fall midterm elections (*Washington Post*). House Democrats on August 12 voted 220-207 to clear the bill, with no Republicans joining Democrats in supporting the act. Senate Democrats passed the bill five days earlier, by a 51-50 margin, with Vice President Kamala Harris breaking the tie. Senator Kyrsten Sinema (D-ARIZONA) was the key vote in the Senate, where she helped secure \$4 billion of funding intended to address the Western drought crisis. Republicans sharply opposed the massive package, which they claim is financed largely by tax increases.

a. More Dollars for Interior and EPA

The overall bill would provide tax certainty for clean energy technologies, including renewables, energy storage, nuclear and carbon capture, among others. It also includes a methane fee on oil and gas operations, as well as a host of provisions directing more lease sales on public lands and waters for fossil fuel development as Interior also ramps up leasing for offshore wind (*E&E Daily*). The Fish and Wildlife Service (FWS) would get an additional \$125 million for developing and implementing recovery plans for species listed under the Endangered Species Act. FWS would get another \$121.25 million to make direct expenditures, award grants, and enter into contracts and cooperative agreements for the purposes of rebuilding and restoring units of the National Wildlife Refuge System and state wildlife management. EPA would receive billions of dollars to aid in the fight against climate change. The legislation contains more than \$4.5 billion intended to track and cut emissions of conventional air pollutants, as well as greenhouse gases.

b. USDA Programs

What is in play in the bill for U.S. farmers, ranchers and forestland owners? More than \$20 billion would be made available to farmers and ranchers to give them the climate-smart agriculture tools they need to address the climate crisis. The nearly \$20 billion for the USDA conservation programs allocates funds for existing programs like the Environmental Quality Incentives Program and the Regional Conservation Partnership Program to provide financial and technical assistance to private landowners to voluntarily implement conservation practices on agricultural land. The boost in conservation programs would affect the next farm bill, either by temporarily increasing the budget baseline heading into the legislation or by setting a tone for the bill's priorities. Any budget baseline effect would be temporary, however, as the increases run out in fiscal year 2027, before the farm bill expires. Democrats and environmental lobbyists are hoping that the additional spending will smooth the way for a more climate-focused farm bill next year. However, some Senate

Republicans have predicted a vigorous debate if lawmakers try to add specific climate-related conservation funding to the farm bill.

c. Forestry Provisions

The IRA appropriates a total of \$4.9 billion in spending on various forestry programs, which will remain available through September 30, 2031. The Act includes funding for activities on National Forest Lands, including hazardous fuels reduction projects within the wildland urban interface, vegetation management projects, Forest Service NEPA reviews, and protection of old-growth forests. The IRA also includes funding—subject to a 20 percent non-federal cost share (but with authority to waive that cost-share for climate mitigation and forest resilience practices for “underserved forest landowners”) - payments to private landowners to implement practices that increase carbon sequestration, grants for “wood innovation” or for hauling materials from fuels reduction projects, and tree planting and related activities.

d. Tax Implications

The IRA contains a number of tax and spending provisions impacting a broad range of businesses and individuals. These changes include a 15% corporate minimum tax, a 1% tax on certain corporate stock repurchases, an extension of the excess business loss limitation, and expansion of renewable energy and energy efficiency incentives. While the Act contains significant incentives for certain investments in clean energy infrastructure, it defers many of the eligibility specifics and implementation details to federal agencies, leaving significant questions for businesses seeking to understand the short- and medium-term impacts.

e. Millions to Speed Permitting – Senate to Vote on Permitting Reforms

The IRA contains hundreds of millions of dollars to help speed environmental reviews to permit major projects. The funding will be used to staff up agencies burdened with permitting new climate and infrastructure projects while improving efficiencies through integration and the use of automation in the permitting process. In the meantime, Congress is set to vote separately on an environmental permitting reform deal struck between Sen. Joe Manchin (D-WV) and Majority Leader Chuck Schumer (D-NY) to gain Senator Manchin’s support for the IRA climate bill. Sen. Manchin’s goal is to limit the number of legal challenges levied against projects as well as the time federal agencies have to conduct reviews. Bill language has not yet been released. At issue are the political differences between the parties. Republicans and developers urge faster reviews and contend that rules under the National Environmental Policy Act (NEPA) and other environmental statutes are too cumbersome. But Democrats, and some conservatives, too, have long asserted that the actual problem is that there simply are not enough experts at federal agencies to do the work.

f. Alliance Efforts: Western Drought Relief Funding

Shortly after Senator Manchin announced that he would support the bill in late July, a coalition of

Western agriculture and water organizations – including the Alliance- sent a letter to Senate leaders, expressing “surprise and concern” about how legislation aimed at climate change fails to include meaningful provisions to address water security and emergency drought response. None of the nine organizations signing the letter – which also included the Agribusiness and Water Association of Arizona, ACWA, National Water Resources Association, Western Growers Association, and four Western state Farm Bureaus – have formally supported the IRA. Our letter urged that if a reconciliation package is considered - Congress needs to include provisions to provide immediate drought relief to the West. We felt this could be a vehicle to get some big-time dollars to help address the drought throughout the West, including short-term funding that is critical to generate water savings in the next few years on the Colorado River.

We were in communication with several of the Colorado River Basin Democrat Senators as the letter was being developed and in the days after. Senator Sinema - who had opposed past reconciliation moves (e.g., President Biden’s “Build Back Better” plan) – was the last Senate Democrat to publicly support the bill, and she held out until she had fully studied the legislation. Ultimately, she announced that she had signed off on the legislation after securing a handful of changes, including \$4 billion for drought resilience, which will be directed to Reclamation, although three other Colorado River Basin Senators up for re-election this November accepted the credit for securing the provisions. The Western drought provisions will help fund conservation projects to increase water levels in Colorado River system reservoirs, and compensate water users for reducing water use, through temporary or multi-year agreements. The drought provisions will also help mitigate effects of drought by funding environmental restoration projects, including inland waterways like the Salton Sea.

g. Next Steps

We'll now start thinking about how we can best affect implementation of these funds, via appropriations and working with the Reclamation Commissioner's office. The bill is a bit short on direction and Interior and Reclamation officials will need some time to review and analyze the final language to inform their decision makers on the different ways they might be able to spend the funding. The language in the bill calls out the Colorado River Basin as a priority for this funding and, based on their existing authorities, Reclamation will probably look at both short- and long-term strategies to put the funding to good use. There are other basins in the West that are in serious multi-year drought and could also, we believe, benefit from some of the funding, but the Colorado River will remain the priority. From a West-wide perspective, this funding could set the stage for the rest of the year by drawing attention to the reality that there are many other areas that are hurting, not just the Colorado River.

3. EPA: Denying Environmental Permits Under ‘Civil Rights’ Law

In a significant step, EPA’s External Civil Rights Compliance Office (ECRCO) has provided details on how permit writers should assess cumulative impacts and, in what could be a first, the option of denying a permit under civil rights law, even if it meets all environmental requirements.

EPA's recently released "[Frequently Asked Questions](#)" (FAQ) document that details the options and compiles existing information about how EPA will integrate environmental justice (EJ) and civil rights into the permitting process. However, the FAQ stresses that compliance with civil rights law is a separate obligation from compliance with environmental laws. ECRCO is now working on separate guidance that will set a legal standard for considering civil rights in permitting decisions, including cumulative disparate impacts, that should be released for comment sometime next year.

4. EPA: Build America, Buy America Waivers

On September 2, EPA released final waivers for domestic procurement requirements in the Build America, Buy America Act (BABA) for projects receiving federal funds through the State Revolving Funds (SRFs) for drinking water and clean water. New American sourcing requirements for federally funded water infrastructure projects were put into place by Congress through BABA in 2021, concurrently with the passing of the Infrastructure Investment and Jobs Act (IIJA). While the importance of creating American supply chains is understood, it is also well known that these requirements can result in significant cost escalations for large infrastructure projects. EPA's announcement grants an adjustment period waiver for IIJA funded projects that had initiated project design planning prior to May 14, 2022. The Council of Infrastructure Financing Authorities (CIFA) is developing an in-depth analysis of the new waivers for states. See <https://www.epa.gov/cwsrf/build-america-buy-america-baba-approved-waivers>.

5. OMB: Review of 'Interim' WOTUS Definition Ahead of High Court Ruling

The Biden Administration's Environmental Protection Agency (EPA) and the Army Corps of Engineers (Corps) have sent to the White House Office of Management and Budget (OMB) for pre-publication review their final, interim definition of waters of the United States (WOTUS), a controversial rulemaking that could be finalized before the Supreme Court rules in the *Sackett v. EPA* case challenging one of the traditional WOTUS tests. A Supreme Court decision could essentially define WOTUS once and for all making any previous rulemakings moot. OMB received the interim rule on September 12 and will take about 90-days to review the rule. The proposed rule interprets WOTUS to mean the waters defined by a collection of Corps and EPA regulations referred to as the "1986 regulations," with amendments to reflect the agencies' interpretation of the statutory limits on the scope of WOTUS as informed by Supreme Court decisions, including *Rapanos v. United States*, essentially recodifying the 1986 regulations. Republicans in Congress have called for the agencies to stop the rulemaking ahead of the Supreme Court decision, while Democrats have asked the agencies to speed up their work on the regulation.

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

a. Bipartisan Infrastructure Law (BIL) Implementation

USDA on August 26 announced more than \$65 million of investments intended to help the U.S. Forest Service (USFS) improve water quality, roads, trails and fish habitat across the country. Made possible by the Infrastructure Investment and Jobs Act (IIJA), or BIL, this marked the first round of a \$25.5 million investment over five years through the new Collaborative Aquatic Landscape Restoration Program and more than \$40 million for Fiscal Year 2022 project for the Legacy Roads and Trails Program. The investments are intended to support projects that serve rural community needs, create jobs, and improve access to national forests and grasslands. Details are available at the [Collaborative Aquatic Landscape Restoration Program](#) and [Legacy Roads and Trails Program](#) websites.

b. Biden Administration Climate Initiative

USDA will pump \$300 million into boosting organic production. The money, which will draw on 2021 American Rescue Plan funds, will be funneled into three areas: training for transitioning farmers, financial and technical assistance for a new organic standard, and beefing up organic supply chains. The department's goal is to encourage more organic farming, which makes up less than 1% of farmland by acreage in America. It aligns with broader Biden administration goals to promote greener agriculture. Federal dollars have also been earmarked for organic farmers and to make new products from [agriculture waste](#) and the wood remnants from thinning forests to protect against large fires.

The initiative comes as the Biden administration seeks to mitigate agriculture's climate impacts. That includes policies such as providing incentives to reduce [methane](#) emissions, and pushing farms to electrify their [equipment](#). Agriculture accounted for more than a tenth of greenhouse gas emissions in 2020, according to the Environmental Protection Agency. U.S. Secretary of Agriculture Tom Vilsack last month said that the more than \$1 billion the federal government is devoting to voluntary efforts to reduce agriculture's adverse effects on the environment is a better long-term strategy than mandating new rules for farmers. The European Union (EU) has specific requirements about crop rotations, permanent pastures and the use of buffer strips and other conservation practices that improve soil quality. The European Green Deal seeks to increase the amount of farmland that is being managed to produce organic crops to 25% by 2030. The practice often produces lower yields. Dutch farmers have protested some of their country's efforts in recent years to limit pollution from agriculture, particularly the proposals to significantly reduce the number of livestock raised in the country. The EU recently suspended some of its crop rotation requirements to increase production because of global food shortages caused by Russia's invasion of Ukraine.

As noted above, USDA has offered programs to expand organic farming in the United States but hasn't set goals for converting farmland to organic. There is a tremendous amount of federal

funding available to support agricultural commodities that are produced in a way that reduces greenhouse gas emissions. In February, the USDA offered up to \$1 billion to support new “climate smart” products. Secretary Vilsack said USDA will announce its first grant recipients of the program in mid-September and hinted that projects proposed by universities in Missouri and South Dakota and by the Iowa Soybean Association will be among them.

c. New Conservation Funding Opportunities

i. *Grazing Lands Conservation Initiative*

USDA will invest up to \$12 million in partnerships that expand access to conservation technical assistance for livestock producers and increase the use of conservation practices on grazing lands. Natural Resources Conservation Service (NRCS) is accepting proposals through its Grazing Lands Conservation Initiative (GLCI) until September 22, 2022. More information and application information is available [here](#).

ii. *Conservation Innovation Grants Classic Funding*

USDA will invest \$15 million this year for the Conservation Innovation Grants (CIG) Classic program. Through CIG, grantees work to address our nation's water quality, water quantity, air quality, soil health and wildlife habitat challenges, all while supporting agricultural production. This year's funding priorities are climate-smart agriculture, addressing invasive species and conservation in urban agricultural systems. NRCS accepting proposals through Oct. 11. More information and application information is available [here](#).

iii. *Wetland Mitigation Banking Program*

USDA will invest up to \$5 million in the Wetland Mitigation Banking Program (WMBP). This grant program supports the development of mitigation banks for use by agricultural producers seeking to maintain eligibility for USDA programs. Funds are available to Tribes, state and local government entities, nonprofits and other organizations. NRCS accepting proposals through Oct. 10. More information and application information is available [here](#).

DEVELOPMENTS IN CONGRESS

The Senate and House have returned to Washington over the past two weeks following the August recess. The House is expected to adjourn for the midterm elections on September 30 (only 11 legislative days) with the Senate scheduled to be in session until October 21 if that adjournment date stays in place. There are less than two weeks until government funding expires and limited legislative days before the midterm elections.

7. Continuing Resolution

One of the important legislative items that Congress will address before the midterm elections—the only “must pass” bill—is a stop-gap government funding package known as a continuing resolution (CR), with funding set to expire on September 30 at midnight. The continuing resolution will likely extend government funding until mid-December. The Senate Appropriations Committee is planning to piece together a short-term CR, funding the government past the end of the fiscal year on September 30 through December 16, although the exact date has not yet been agreed to. Typically spending bills must start in the House, but with the need for 60-votes to get anything through, Senate appropriators will amend a House-passed bill to get around this requirement.

At issue will be the Biden Administration’s request for \$47.1 billion in additional funding for Ukraine, COVID-19, health care issues, and natural disaster relief. Senate Appropriations Committee Ranking Member Richard Shelby (R-AL) has indicated there may not be enough GOP support for including all of the requested emergency funding on the CR, but it could be added to an omnibus spending package assembled in the lame duck session after the election in November.

Another controversial provision will be the addition of energy infrastructure permitting reform that was agreed to by Senate leadership to garner the support of Sen. Joe Manchin (D-WV) for the IRA, which was passed under the Senate’s budget reconciliation process that requires only 51 votes instead of the 60-vote threshold. While the language of the Manchin provision has yet to be released, it is said to set timelines for NEPA review of energy projects and reduce the statute of limitations on judicial review of permitting processes, among other things.

Meanwhile, Senate Environment and Public Works Ranking Member Shelley Moore Capito (R-WV) released the GOP [version](#) of environmental permitting reform last week, which includes the codification of Trump Administration changes to NEPA and Clean Water Act (WOTUS) regulation, among other provisions. While we doubt this measure will get any traction in the Senate, it does include several pieces of what we know will also be included in the Manchin proposal.

Many environmental groups and over 70 House progressives have written to House Speaker Nancy Pelosi (D-CA) to strike any permitting reforms from the CR or risk a government shutdown on October 1. If the Senate does pass an energy permitting reform measure on the CR, the House majority may need to deal with a split in their caucus, which will require GOP support to pass the CR and placing the Speaker in the difficult position of overriding the will of progressives in the Democratic caucus using Republican votes.

The White House has [outlined](#) its CR requests to Congress, centering around four main asks. Those four requests include support for Ukraine, COVID-19, Monkeypox, and natural disaster recovery. The administration also asked for \$4.5 billion to fight Monkeypox and additional funds to help communities impacted by natural disasters nationwide. Republicans have alluded to

supporting an increase in Federal Emergency Management Agency's disaster relief fund and aid to Ukraine, but more money for COVID-19 and Monkeypox remain sticking points. Drought money (\$1.5 billion) proposed for USDA would go to producers and irrigation districts impacted by drought in 2021 and 2022.

Senate Majority Whip Dick Durbin (D-IL) plans to [prioritize](#) consideration of many of the Biden administration's nominees over the next few weeks, especially those slated for judicial appointments. The opportunity to focus the Senate's attention on nominations comes after the passage of several significant legislative items, clearing the Senate floor schedule to consider nominees. The Majority Leader will also consider bringing the bipartisan \$857.5 Fiscal Year (FY) 2023 National Defense Authorization Act to the floor before the midterm election.

8. Senate Water Bills

The Senate Energy and Natural Resources Committee is considering another markup, possibly in September, to tackle some bills that were left out of the July committee markup. There is not set game plan for this, yet. Committee Democrats think a markup is on the table, but other Senate Democrats are not so sure. Republicans on the committee are skeptical. We think there will be a markup some time before the end of the year. The package could move in the lame duck and would involve a negotiation with the House, or it could be set up for reintroduction in the next Congress.

9. 2023 Farm Bill

The House Agriculture Committee will conduct an informational hearing on Farm Bill conservation programs tomorrow (Tuesday). The upcoming farm bill renewal overlaps with an infusion of money from the recently passed IRA and the USDA's own efforts to promote climate-smart land management. While the programs at USDA have bipartisan support, Republicans and Democrats are split on some of the details of implementing them. The House committee has held several hearings on the farm bill, and the Senate has held a few. The writing of the bill will pick up in earnest in 2023.

The Alliance since 2012 has engaged in Farm Bill negotiation primarily through its involvement with the Western Agriculture and Conservation Coalition (WACC). We co-founded the WACC, in an effort to support the common interests of agriculture, conservation, and other interests tied to resources on behalf of a viable and sustainable rural West. Water is the core resource concern we want the government to address more effectively.

Highlights of our policy goals across all Farm Bill Conservation Title programs include: 1) Prioritization of project proposals that deliver cross-sector benefits to farming and ranching and conservation; 2) Prioritization of project proposals that deliver measurable conservation outcomes; 3) Prioritization of project proposals that deliver benefits to significant portions of land in a watershed; 4) Simplification of program delivery without harming environmental interests or

program integrity; and 5) Protecting the current baseline funding for Farm Bill Conservation Title programs.

The Conservation Title programs we are focused on for 2023 Farm Bill reauthorization are:

- **Drought Initiative** for Environmental Quality Incentives Program (**EQIP**) and Conservation Innovation Grant Program (**CIG**), Conservation Reserve Enhancement Program (**CREP**), and Regional Conservation Partnership Program (**RCPP**). We support a Drought Initiative to focus program dollars, direct conservation technical assistance, and to provide agency guidance on important conservation program implementation. Other program directives in addition to these potential examples could all be part of a Western-facing **Drought Initiative**.
- **RCPP**. The Coalition supports reducing the high administrative burdens on both NRCS staff and partners alike that leads to project delays and unnecessary expenditures on complex contract administration.
- **Watershed and Flood Prevention Operations Program (“PL-566” Program)**. The Coalition supports modernizing the PL-566 Program to prioritize multi-benefit projects that reduce flood and drought risk to producers and rural communities through a combination of infrastructure investments with improvements and protections to natural features that help provide the risk reduction.
- **Agricultural Conservation Easement Program (ACEP)**. The Coalition supports increased protection of agricultural lands.

We’ll be meeting with Senate and House Agriculture Committee staff, as well as USDA appointees overseeing Farm Bill conservation title programs, as part of our Farmer Lobbyist trip to D.C. next week.

ALLIANCE INITIATIVES

10. Colorado River Policy Initiative

A mid-August deadline established by the Commissioner of the Bureau of Reclamation for Colorado River Basin states to come up with plans to avoid a looming crash on the river came and went without any substantive actions proposed by those states. However, a timely infusion of \$4 billion by the federal government may provide funding and buy time for Basin water users to develop voluntary efforts to reduce water use and allow Lakes Mead and Powell water levels to stabilize and avoid the river from a calamitous crash in the coming years. The September 2022 Family Farm Alliance “Monthly Briefing” provides further detail on this matter.

In the days and weeks following Reclamation’s mid-August announcement of Colorado River 2023 operating guidelines, which coincidentally occurred within one day of President Biden signing the IRA legislation, coalitions representing various demand sectors weighed in with

Reclamation, sharing concerns and suggestions. Things are tense, but we believe the \$4 billion in the IRA provides reasons for Reclamation not to come out of the gate with mandatory curtailments as their first move. Alliance representatives last month met virtually with Interior Assistant Secretary Tanya Trujillo and representatives from Reclamation's Commissioner's office to discuss Colorado River developments, and specifically, how the \$4 billion in IRA funds will be spent.

Meanwhile, water providers in Denver, Colorado Springs, Aurora, Pueblo, Las Vegas and a Southern California umbrella group all pledged to introduce or speed up programs to reduce nonfunctional turf grass by 30%, increase water reuse and recycling, and share successful conservation strategies. The groups shared a copy of a recently signed Memorandum of Understanding (MOU) with Commissioner Touton. Some conservation groups in Colorado do not believe this is enough.

A coalition of agricultural organizations – including the Family Farm Alliance- also offered their support, assistance and counsel for the immediate implementation of drought funding from the IRA in a letter sent to Interior Secretary Deb Haaland and Commissioner Touton. The letter identified some key principles, including a recommendation that Reclamation should quickly release a Notice of Funding Availability with guidance to water managers currently developing drought response proposals and urgently deploy that funding to address the most critical needs. The organizations that signed on to the final letter include Agribusiness and Water Council of Arizona, Arizona Farm Bureau, California Farm Bureau, Colorado Farm Bureau, Family Farm Alliance, Oregon Farm Bureau and Western Growers.

As previously reported, we've worked over the past year with one of the editors at *Arizona Republic*, a USA Today publication. [This editorial column](#) was published as the Western drought language was being negotiated and was shared with the offices of Senators Kelly and Sinema. It does a good job of carrying our message. Alliance Director Paul Orme (ARIZONA) and California Farm Water Coalition Executive Director Mike Wade are both cited in the article. I was quoted in a [news story](#) on the \$4 billion drought provisions published by the *Desert Sun*, and our federal advocate, Mark Limbaugh, was quoted in another [story](#) published by *Circle of Blue*. This [article](#) describes the letter our ag coalition sent to Interior and Reclamation late last month, providing initial recommendations on how the \$4 billion Western Drought provisions in the Inflation Reduction Act should be spent.

5. 2022 Farmer Lobbyist Trip

This year's farmer lobbyist trip is scheduled for the week of September 26. The Family Farm Alliance annual farmer lobbyist trip is one of the cornerstone programs of our organization. It was created to allow farmers, ranchers and water managers to interact directly with elected officials and other policymakers in Washington, D.C. It presents a unique opportunity for our members to share with Members of Congress and the Administration the important issues that impact our industry.

Monday and Friday would be travel days, Tuesday-Thursday would be three days of back-to-back meetings with some high-calorie dinners mixed in between. We're also working with The Ferguson Group to set up a "Western drought briefing" that will allow representatives from our contingent to directly share stories with a host of Congressional and agency staff in one fell swoop. Participants will have the opportunity to engage directly with high-level Biden Administration officials and Congressional committee staff, and gain insight into what lawmakers and policymakers are saying about the issues impacting Western irrigated agriculture. The farmer lobbyist meetings will allow us to again deliver the diverse but unified voice of irrigated agriculture champions in Washington, D.C.

WESTERN WATER "HOT SPOTS"

Numerous large wildland fires are currently burning across areas of California, Oregon, and Idaho causing evacuations, damage to structures, and reduced air quality. On last week's U.S. Drought Monitor map, some improvements were made in southeastern California, southern Nevada, and New Mexico in response to rainfall last week. Residual moisture from Tropical Cyclone Kay as well as the overall impact of this summer's monsoonal rainfall that has helped improve short-term meteorological drought conditions and vegetation health in the Southwest. For the week, average temperatures were 2 to 10+ degrees above normal across California, the Great Basin, northern portions of Arizona and New Mexico, and portions of the Pacific Northwest. According to NOAA National Centers for Environmental Information, the June-August 2022 period was the 3rd warmest on record for the West Climate Region, which includes California and Nevada. Additionally, in terms of average minimum temperatures, both August (+5.6 deg F) and the July-August (+4.8 deg F) periods were the warmest on record.

NOAA's Climate Prediction Center (CPC) last month issued a La Niña Advisory, noting that it is expected to continue. During the past month, below-average sea surface temperatures (SSTs) expanded across the central and eastern equatorial Pacific Ocean. Overall, the coupled ocean-atmosphere system remained consistent with an ongoing La Niña. La Niña is a weather pattern that occurs in the Pacific Ocean. In this pattern, strong winds blow warm water at the ocean's surface from South America to Indonesia. As the warm water moves west, cold water from the deep rises to the surface near the coast of South America. Generally speaking, La Niña winters tend to be drier and warmer than normal across the southern U.S. and cooler and wetter in the northern U.S. and Canada.

ADMINISTRATIVE AND MISCELLANEOUS

- Wow - it's not often that the *Washington Post* carries a story that is complementary of Western irrigated agriculture. But they got it right this time, in this *Bloomberg* story that the *Post* ran in the last Sunday edition in August. Here's the link, if you want to see pictures, and such: ["The Future of the American West is in Central Oregon"](#).

- Alliance Advisory Committee Member Urban Eberhart and other Alliance members are highlighted in this story, which ran in the *New York Times* earlier this month: [“Climate Change Is Ravaging the Colorado River. There’s a Model to Avert the Worst. Success in the Yakima River Basin in Washington holds lessons for the seven states at war over water in the American West.”](#)
- Mike Wade (California Farm Water Coalition) and I earlier this month submitted a guest op/ed to the *Desert Sun* entitled, [“Stop Crop Shaming Farmers”](#), which was published last week. I am also working on a draft “Alfalfa 101” white paper, intended to provide the “other side of the story” about hay, which is taking a hard rap as of late in the media.
- I hit the road on the speaker’s circuit last week, where I spoke at the California Agricultural Irrigation Association summer meeting in Pismo Beach. I also delivered the keynote speech at the annual meeting of the Arizona Agribusiness and Water Council in Phoenix on Friday. Later this fall, I’ll be speaking to the Upper Missouri Water Users in Deadwood (SOUTH DAKOTA), the Aspen Institute (COLORADO), the World Alfalfa Congress conference in San Diego (CALIFORNIA), Oregon Water Resources Congress, and North Dakota Water Users Association. 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.

This is a quick summary of just a few of the issues the Alliance has been engaged in. Please do not hesitate to contact me at dan@familyfarmalliance.org if you would like further information about what the Alliance is doing to protect water for Western irrigated agriculture.



117th Legislative Tracker

Last Updated: September 09, 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 of Interest

Friant Water Authority (65)

Bill Number	Last Action	Status	FN Outlook
HR 5118	Received In The Senate 2022 08 02	In Senate	46.3% 42.0%
Title Continental Divide Trail Completion Act	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. Introduction Date: 2021-08-27		
Primary Sponsors Joe Neguse			
Bill Number	Last Action	Status	FN Outlook
S 914	By Senator Carper From Committee On Environment And Public Works Filed Written Report Report No 117 20 2021 05 10	In House	81.8% 51.1%
Title Drinking Water and Wastewater Infrastructure Act of 2021	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		
Primary Sponsors Tammy Duckworth			

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

11.7% 52.3%

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 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

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 4176

Last Action

Committee On Energy And Natural Resources Ordered To Be Reported With An Amendment Favorably 2022 07 21

Status

In Senate

FN Outlook

17.2% 47.8%

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.

Primary Sponsors

Jim Risch

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.

Introduction Date: 2022-05-10

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 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

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.

Primary Sponsors

Tom Carper

Introduction Date: 2022-05-04

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

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.

Primary Sponsors

Tom Carper

Introduction Date: 2022-05-04

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

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: 2022-02-01

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

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 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 House Committee On Natural
Resources 2021 08 03

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%

69.2%

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

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

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

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

Primary Sponsors

Catherine Cortez Masto

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.

Introduction Date: 2021-07-13

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

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 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		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.	
Primary Sponsors Grace Napolitano		Introduction Date: 2021-06-23	

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		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.	
Primary Sponsors John Barrasso		Introduction Date: 2021-06-23	

Bill Number HR 4018	Last Action Sponsor Introductory Remarks On Measure Cr H 3093 2021 06 24	Status In House	FN Outlook 11.1% 49.7%
Title NEED Water Act		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.	
Primary Sponsors David Valadao		Introduction Date: 2021-06-17	

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		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.	
Primary Sponsors Salud Carbajal		Introduction Date: 2021-06-08	

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 3404

Last Action

Referred To The Subcommittee On National
Parks Forests And Public Lands 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 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

11.0%

52.4%

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

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 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 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
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.

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.

Primary Sponsors
John Garamendi

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
4.8% 76.4%

Title

Water Resources Research Amendments Act

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.

Primary Sponsors
Ben Cardin

Introduction Date: 2021-04-22

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

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.

Primary Sponsors
Bob Latta

Introduction Date: 2021-04-19

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

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.

Primary Sponsors
Doug LaMalfa

Introduction Date: 2021-04-16

Bill Number

HR 2606

Last Action

Placed On The Union Calendar Calendar No
259 2022 06 03

Status

In House

FN Outlook

9.5% 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

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 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 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 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 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 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

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

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.

Primary Sponsors

Lori Trahan

Introduction Date: 2021-03-08

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.

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.

Primary Sponsors

Mike Garcia

Introduction Date: 2021-03-03

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

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.

Primary Sponsors

Brenda Lawrence

Introduction Date: 2021-02-25

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

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.

Primary Sponsors

Grace Napolitano

Introduction Date: 2021-02-11

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

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 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 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

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.

Primary Sponsors

Rashida Tlaib

Introduction Date: 2021-01-28

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

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.

Primary Sponsors

David Price

Introduction Date: 2021-01-25

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

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.

Primary Sponsors

Amy Klobuchar

Introduction Date: 2021-01-22

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

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.

Primary Sponsors

Vern Buchanan

Introduction Date: 2021-01-04

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

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Operations & Maintenance Report

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

August 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 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 2228 days without a lost-time injury accident.
- Friant staff has worked 263 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.
- Staff continued with the State Waterboard and the City of Orange Cove on city expansions.
- Staff attended MRRCP field meetings and weekly Teams meetings with USBR and JV contractors.
- Attended meetings with Stantec on proposed forebay design for District pumping plants.
- Managed system leaks in the construction zone and met with Bureau and Contractor representatives on system tie-ins.
- Weekly staff meeting with COO, Operations Supervisor and Maintenance Forman.

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.	4,4000	5,700	7,950	10,187	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	16	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	37.50	34	75.50	850
Roundup - Pro Conc	Gal	80	93	153	326	1817
Forfeit 280	Oz	0	0	0	0	0
Sonar Genesis	Gal	0	0	0	0	2.00
Cheetah	OZ	0	30	4160	4,802	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.

- 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 for the control of California ground squirrel.
- Lindsay maintenance staff began the application of Roundup PRO for post-emergence control of weeds along the FKC right of way.
- Lindsay maintenance staff began the application of Cheetah for post-emergence control of weeds along the FKC right of way.
- Lindsay maintenance staff continued rodent control and damage repair.



OC staff continued hauling materials off the embankment

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.
- Lindsay maintenance staff removed and trimmed several trees encroaching the ROW along FKC.



*Delano staff washing turnout gate structure
MP. 134.44*



*Lindsay staff continue to manually remove
weeds on the inside bank*

- 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 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.
- Orange Cove staff continued bridge maintenance activities.

O&M ROADS

- Orange Cove maintenance staff made repairs to security fencing.



Orange Cove staff continues to make repairs to roadways and bridges

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.

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 continued to remove illegally dumped items along the right-of-way. Trash and debris were removed and transported to the local solid waste/recycling facility or stored for future disposal.
- Lindsay's maintenance staff repaired the bargate and bollard post that had collapsed due to soft soil and poor compaction. The gate and bollard were removed and reset with concrete.
- Lindsay's maintenance staff made multiple repairs to the chain link fence in the Strathmore area where pedestrian traffic is most active.



Delano staff compacting conduit trench



Delano staff continued bar gate repair



Lindsay staff continue to repair fencing being stolen along the canal.

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	8
	C - Annual	7
	E - Equipment	0
	BIT - 90-Day Heavy Equipment	12
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	17
	Trucks	11
	Heavy Equipment	0
	Utility Equipment	2
Outside Repairs	Light Vehicles	3
	Trucks	0
	Heavy Equipment	0

ENGINEERING ACTIVITIES

ENGINEER AND ENGINEER TECHNICIAN REPORT

August

RIGHT OF WAY

- Staff continues 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.

OPERATIONS ACTIVITIES

OPERATIONS SUPERVISOR REPORTS

Operations Staff during the month of August delivered 84,221 acre-feet. Total water diverted year-to-date to FKC Contractors is 210,801 acre-feet.

Reported sump pump deliveries of 3 acre-feet and year to date total of 17 acre-feet.

- Staff completed and sent out the ROWD's for the month of August.
- Staff took water samples throughout the canal for water quality and cooper sulfate.
- Staff checked 43 transmitters and calibrated 30 transmitters on the canal system.
- Staff installed a new Honeywell at Shafter # 1 turnout.
- Staff replaced a transmitter at Shafter # 2 turnout.

ELECTRICAL

- Staff replaced gate 1 control at Kaweah Check.
- Staff finished secondary trench and conduit installation.
- Staff accessed damage to electrical in the Delano yard and repaired all broken electric lines.
- Staff continued work on the 600 AMP panel at Shafter Check.
- Staff performed PM's at White River, Woollomes, Poso Check, and Shafter Wasco.
- Staff completed compaction for underground conduit, and all inspections were completed.
- Staff had an onsite visit at the measuring bridge for solar power.

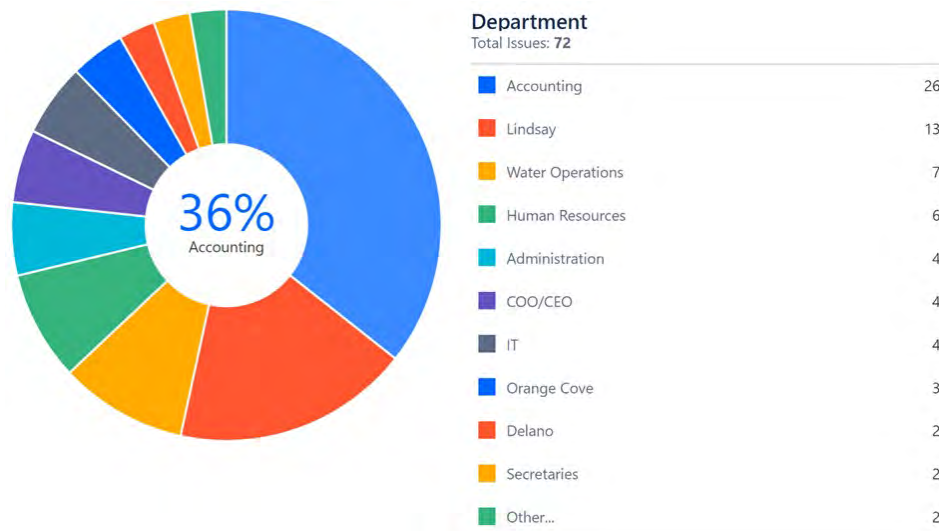
SCADA

- Staff updated the firmware in the SCADAPack at 5th Ave. Tule River, Wood Central Ditch, Deer Creek Check, Poso Check, Shafter Check North Kern, and Kern Check. After Installing the new firmware, I checked the operation of the check or turn out.
- Staff collected this year's AG suitability water samples from six points along the canal.
- Staff reset the EC sensor at Woollomes and Shafter Check.
- Staff assisted Instrument Tech with replacing the Honeywells at Kern Tulare 1 and Shafter Wasco 1.
- Staff picked up the new Actuators in preparation to install them this upcoming drain down.
- Staff reset several Modems to restore communications.

- Staff continued to make improvements in Geo Scada HMI.

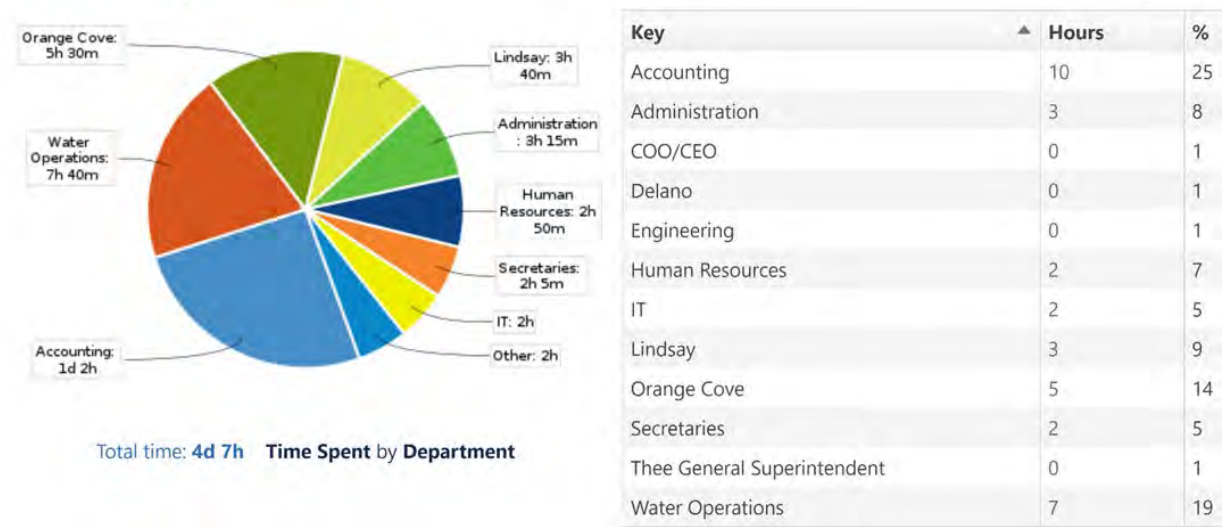
INFORMATION TECHNOLOGY

- Staff is working to limit/block phishing/spam attempts. Barracuda blocked 2,103 incoming phishing/spam emails for the month of July. 7,345 emails were Quarantined.
- Staff launched Graphus' Banner on incoming emails with a button for staff to report phishing.
- Staff launched Phishing training and awareness for all Friant Water Authority employees.
- Staff continued exploring encryption software with Zix for email correspondence.
- Staff started migrating Friant Water Authority's O365 accounts to Modern Factor Authentication (MFA) as Microsoft will be requiring MFA starting October 1, 2022.
- Staff updated the SSL certificate for Intellisite's website.
- Staff redirected all web traffic on Intellisite's website from HTTP to HTTPS. This ensures that all logins are now done over a secure browser.
- Staff allocated additional storage to the Friant File server and expanded the partition.
- Staff allocated additional CPU and memory to both Scada Servers to improve performance.
- Staff allocated additional CPU to the print server to improve performance.
- Staff started the initiation phase for the installation of Rubrik's backup appliance.
- Staff coordinated multiple training sessions and documentation for Great Plains with Grossmayer & Associates for the accounting department.
- Staff provided various support at the Orange Cove location.
- Staff worked with the accounting department to identify various updates needed to the PR/PO forms in accordance with the new Purchasing Policy.
- Staff received 72 HelpDesk tickets in August.



Number of resolved Tickets submitted by Department

Workload Pie: August



Time spent on Tickets submitted by Department. 1 Day = 8 hours

Agenda Report

Agenda No. 4.F

DATE: September 22, 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."*

Large Group Meeting: Scheduled for 2pm, October 12th at the Madera County Farm Bureau, tentative speakers include Congressman Jim Costa and CA Deputy Secretary for Water, Nancy Vogel.

Committees: *Technical Committee:* is reviewing the Southern San Joaquin Water Resiliency Project, a bidirectional 70-mile-long canal conveying 3,000 cfs to new recharge areas and wetlands. The SSJWRP could be an example to the Governor's California's Water Supply Strategy.

Executive/Budget/Personnel: An executive director application and job listing will be circulated to solicit applicants.

Advocacy: The Blueprint board has produced a response letter to the Governor's California's Water Supply Strategy, the letter attempts to address the opportunities and areas of improvement in the plan and requests that the Blueprint is able to engage on its implementation.

Drinking Water Feasibility Study:

A draft drinking water feasibility study proposal prepared by Fresno State/California Water Institute covers 5 counties within the San Joaquin Valley to identify 20 spots that are technically and financially feasible for groundwater recharge that have multiple benefits and specifically DACs with no other options but groundwater. State Contractors and SLDMWA are working with the participants to expand the study area and assist with finding funding. Current sponsors are Fresno State, FWA, Self Help,

Sustainable Conservation and Leadership Council and are discussing funding opportunities with Senator Feinstein's office and DWR. Friant Contractors/managers have shared projects they are pursuing and ability to identify tangible and/or direct benefits to drinking water supplies.

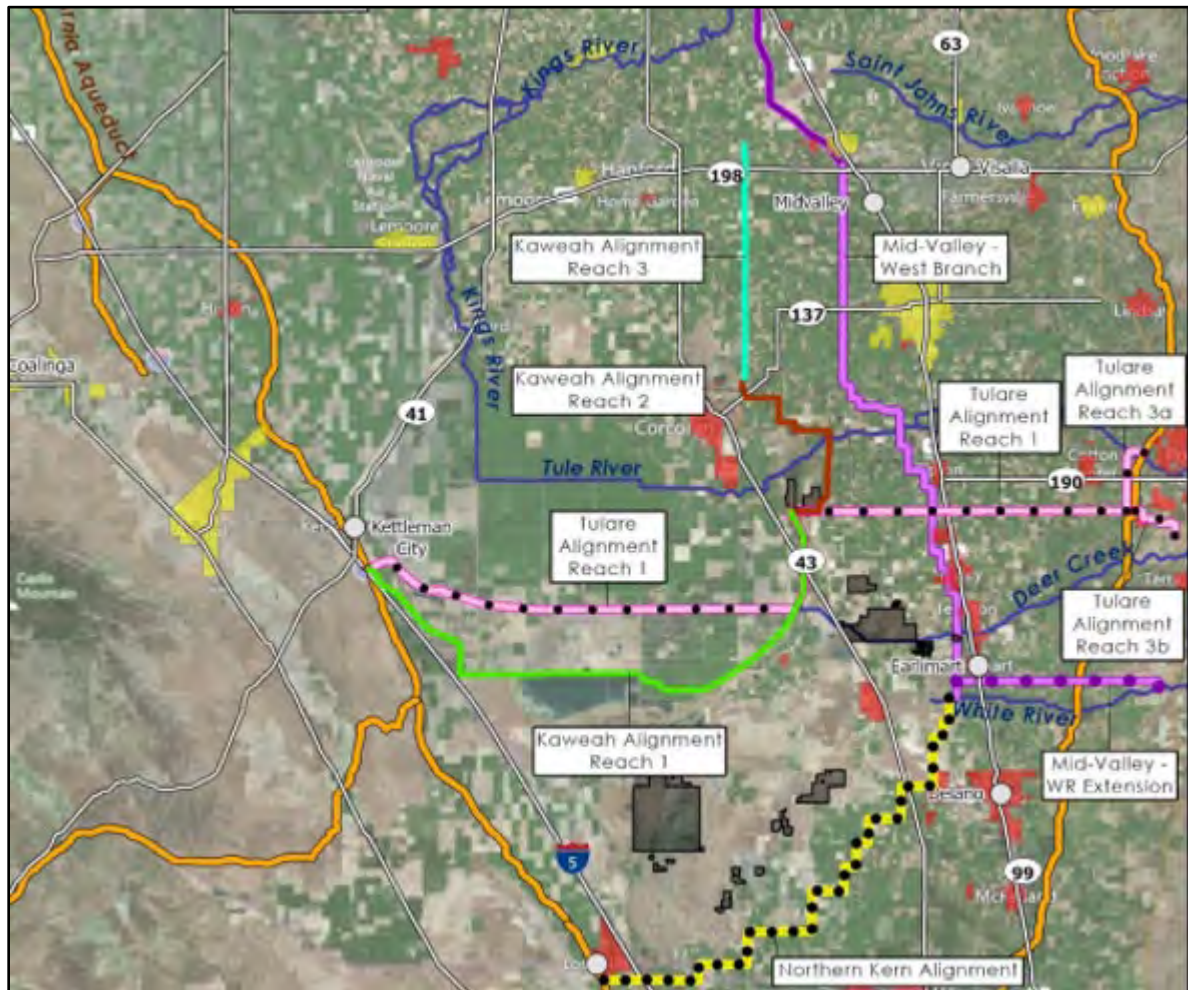
SJV Water Collaborative Action Program (SJVWCAP):

The CAP is focused on coming 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. The 5 caucuses are reviewing and submitting comments on the term sheet. The Plenary group could not come to an agreement on the previous Phase I framework and decision document that was produced and is now focused on trying to come to an agreement on the CAP Term Sheet to move the collaborative effort forward into Phase II.

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.

The Southern San Joaquin Water Resiliency Project is a collaborative, comprehensive, interregional water solution for the southern San Joaquin Valley bringing excess, high flow water from the Delta to enhance water supplies for wildlife refuges, disadvantages communities and groundwater sustainability. At its heart is a bidirectional, 70 mile long canal conveying 3,000 cubic feet per second of water to new recharge areas and wetlands . By greatly supplementing ground water supplies during wet years, it opens the door not only for water resiliency in the San Joaquin Valley, but for partnerships with Southern California to improve resiliency there as well. This project partners with a new project proposed for the Delta that allows excess water to diverted without harming fish.



Conveyance alternatives for the Southern San Joaquin Water Resiliency Project that have been studied by Stantec

Water Blueprint

for the San Joaquin Valley

September 15, 2022

The Honorable Gavin Newsom
Governor of California
State Capitol
Sacramento, CA 95814

Secretary Wade Crowfoot
California Natural Resources Agency
715 P Street, 20th Floor
Sacramento, CA 95814

Director Karla Nemeth
California Department of Water Resources
715 P Street
Sacramento, CA 95814

Subject: California's Water Supply Strategy

Dear Governor Newsom, Secretary Crowfoot and Director Nemeth:

On behalf of the Water Blueprint for the San Joaquin Valley (Water Blueprint), we appreciate your effort to improve California's long- and short-term water sustainability through actions identified in the August 2022 action plan, "California's Water Supply Strategy" (Strategy). The Strategy includes important steps to achieve statewide water resilience that we hope to build on together.

The Water Blueprint is a regional collaboration focused on water solutions for the San Joaquin Valley (Valley). The Valley is made up of some of the most productive agricultural land in the world and is also home to some of the most vibrant communities in California. Our Valley is uniquely situated to assist in the implementation of the Strategy, as the working lands of the Valley have the capacity to recharge significant amounts of water in wet years for storage and utilization in dry years, increasing water resilience. Maximizing the opportunity to use these lands to their full benefit requires investments in water conveyance and storage. Importantly, these investments are multi-benefit in nature - they not only benefit socioeconomically disadvantaged communities in the Valley, but simultaneously also provide fish and wildlife habitat, public health benefits, and will assist to stabilize groundwater levels in the Valley. The Water Blueprint looks forward to working with your administration to implement the Strategy in a way that will improve regional outcomes for Valley residents and communities.

The Strategy states that eliminating groundwater overdraft in the state will require permanent fallowing of between 500,000 to 1 million acres of productive farmland. The Water Blueprint was formed, in part, to help address this potential and associated unintended consequences both in the Valley and throughout California. Fallowing farmland will cause severe impacts to the communities in the Valley, including a

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permanent increase in unemployment and impaired air quality, and negatively affect communities throughout California, including reduced food supply and food security for our nation. Because of, and in order to prevent, the catastrophic effects caused by permanently following hundreds of thousands of acres, we request an opportunity to discuss alternative solutions that are consistent with the goals and intentions of the Strategy, while avoiding this dire consequence. California and its leaders can still take actions today that will reduce these impacts on our communities.

Addressing California's water crisis will require comprehensive solutions that are bold and innovative. The Strategy calls for developing new water supplies by expanding California's water storage capacity both above and below the ground, increasing water recycling, increasing water conservation, and increasing the production of water from desalination. The Water Blueprint supports increasing water supply through

all these efforts. However, not all of these strategies are equally effective for all regions of the state. For instance, water recycling and conservation are very effective ways of stretching water supplies in urban areas, especially near the coast. Unfortunately, these tools have limited utility in regions like the Valley where nearly all water is already reused or recharges the groundwater aquifers. Despite these limitations, one area of opportunity is for the State to invest in the development and subsequent implementation of alternative approaches for managing brine water. Turning brine water into a usable source of water would enable the Valley to implement more water recycling programs.

Consistent with the Strategy, the Water Blueprint also believes that new and improved storage is one of the most important tools for securing a sustainable water future for the Valley. The Strategy's discussion of new storage focuses on regulatory streamlining and the formation of interagency strike teams. These will be essential for advancing the permitting and funding for projects like groundwater storage and recharge, the Proposition 1 supported storage projects, expanding the San Luis Reservoir and other surface storage projects. The Water Blueprint recommends the expansion of a streamlined permitting and funding process for all water storage facilities and for leveraging both federal and private funding pools where possible. Additionally, the Strategy should promote projects that are able to meet the projected flood-drought conditions, such as local retention facilities that can hold water for subsequent direct delivery or for groundwater recharge through wells and percolation basins. Many of these projects are consistent with the numerous groundwater sustainability plans in the San Joaquin Valley.

Improved water conveyance infrastructure is vital to increased water resilience and the Valley's working lands can serve as an important partner in climate adaptation. The Water Blueprint supports the three implementation steps outlined in the Strategy: 1) to advance the design and environmental permitting for the Delta Conveyance Project, 2) to disburse \$100 million in state funds to repair existing critical conveyance infrastructure, and 3) to submit a joint place of use petition for the Central Valley Project an

Water Blueprint

for the San Joaquin Valley

State Water Project. A recent Public Policy Institute of California Policy Brief¹ and associated report indicated that as recently as 2017, improved water storage and conveyance could have resulted in an additional 400,000 to 800,000 acre-feet of water supplies available for use, with no change in the regulatory environment. Improved conveyance will be critical to quickly moving water in the limited years it is available for storage and future use. The Water Blueprint has identified specific critical, regional conveyance projects, in need of repair, that are essential to the successful implementation of the Strategy in the Valley and would like the opportunity to discuss those with you.

Additionally, we appreciate the Strategy's recognition that *"Water affordability is key...in the face of a hotter, drier state"*² and the associated implicit recognition that a major role for public financing is appropriate to construct the infrastructure necessary to address society's water needs in the future. The Water Blueprint looks forward to working with the State to ensure that adequate funding is provided for all critical water infrastructure projects to ensure completion of the projects in a manner that does not cause economic hardships in the San Joaquin Valley. The Strategy acknowledges the complex nature of California's water rights system, and the Strategy directs the State Water Resources Control Board to consider a number of actions, including "modernizing" the water rights system and expanding the State's authority to curtail water rights even in non-drought years. However, the Water Blueprint urges the Administration and SWRCB to consider such actions carefully, as they could have many unintended effects, such as reducing regional resilience in the Valley and elsewhere.

In California, every drop of water is precious. In recognition of that reality, the Strategy should ensure that that each drop is used to the greatest effect for both California's ecosystems, agriculture, and its people. The Water Blueprint believes there are a number of ways to meet fishery and water quality objectives in California that ultimately conserve more water and more effectively meet the objectives than current operational strategies and regulations. The Strategy should emphasize the importance of identifying and implementing those methods to promote water conservation throughout the state, for every beneficial use.

As you are organizing efforts to focus on long-term water and climate resilience, we ask for the opportunity to engage with the Strike Team and others to identify opportunities in the Strategy and discuss where we can reduce impacts in and enhance implementation in the San Joaquin Valley.

¹ Gartrell, G, Mount, J., Hanak, E. *Tracking Where Water Goes in a Changing Sacramento-San Joaquin Delta*. May 2022. <https://www.ppic.org/wp-content/uploads/policy-brief-tracking-where-water-goes-in-a-changing-sacramento-san-joaquin-delta.pdf>

² California's Water Supply Strategy – Adapting to a Hotter, Drier Future. Aug. 2022.

Water Blueprint

for the San Joaquin Valley

Sincerely,



Austin Ewell,
Executive Director (Volunteer)
Water Blueprint for the San Joaquin Valley

Cc:

Karen Ross, Secretary, California Department of Food and Agriculture,
Nancy Vogel, Deputy Secretary for Water, California Natural Resources Agency
Antonio Villaraigosa, Infrastructure Advisor, State of California
All members of the California State Legislature

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AGENDA REPORT

NO. 4.G

DATE: August 25, 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) on August 1, 2022 and the Board of Directors' (BOD) Meeting on August 4, 2022 as well as additional staff-to-staff meetings throughout the last month.

There were two major items associated with SLDMWA over the last month that pertain to FWA operations: (1) San Luis Transmission Project and (2) San Joaquin River Releases to Mendota Pool.

For the San Luis Transmission Project:

- SLDMWA and Reclamation are addressing questions and concerns from other Central Valley Project water users that participate in Project Use Energy costs regarding the impact the Project will have on rates.
- SLDMWA is exploring alternative financing options including (1) a possible public-private partnership with an interested solar developer and (2) possible Federal appropriations through Western Area Power Administration to cover the initial construction cost.

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.

Agenda Report

No. 4.C

DATE: September 22, 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 July, which showed minimal changes at most locations compared to the June forecast. It is not anticipated that additional releases from Millerton to meet Exchange Contractor demand will be required for the remainder of 2022. Restoration Flows are scheduled to resume October 1st with full reconnection of the Lower San Joaquin River expected about one month later.

DISCUSSION:

Inflow Forecasts

September precipitation has generally been above average in most locations throughout the State, following the precipitation from the remnants of Hurricane Kay in Southern California last week and an early season storm affecting most of the northern half of the State earlier this week. The Upper San Joaquin watershed has generally been on the northern and southern edges, respectively, of these two events. As such precipitation across the watershed is currently around 90% of average for the month, which has allowed the forecasted runoff to trend at the 50% exceedance level. Overall, precipitation across the State as a percent of normal for the water year currently ranges from 60% to 80%. There is little to no additional precipitation forecasted over the next 7-10 days. Current temperature forecasts show temperatures warming to between 5-15 degrees above normal in most locations across the State over the next week before cooling back to near to average to close out the month.

Table 1 shows the unimpaired inflow forecasts for Shasta Lake and Millerton Lake from the California Nevada River Forecast Center (CNRFC) and the California Department of Water Resources (DWR), respectively, along with a Millerton inflow forecast from the South-Central California Area Office (SCCAO). Forecasts for both Shasta and Millerton have converged at this point in the water year. The June 7 update was the final Bulletin 120 forecast for the year. As a result of the defined shortage criteria, it is a Shasta Critical year; unimpaired inflow to Shasta in WY 2022 needed to be at least 4.0 MAF for this year to be non-critical.

Table 1. Unimpaired Inflow Forecasts for WY 2022

Item	Exceedance		
	90%	50%	10%
CNRFC Shasta Unimpaired Inflow (TAF) ¹	2,910	2,910	2,910
DWR Shasta Unimpaired Inflow (TAF) ²	2,915	2,960	3,030
CNRFC Millerton Unimpaired Inflow (TAF) ¹	1,060	1,060	1,060
DWR Millerton Unimpaired Inflow (TAF) ²	1,007	1,044	1,090
SCCAO Millerton Unimpaired Inflow (TAF) ³	1,060	1,067	1,078

Notes:

¹ As of September 20.

² As of June 7 (final B120).

³ As of August 12 (60%DWR/40%NWS).

CVP NOD Operations

Overall CVP North-of-Delta reservoirs are at mostly below-normal storage levels for this week based on their 15-year average – Trinity, Shasta, and Folsom are 44%, 66%, and 83% of average, respectively; however, there is nearly 300 TAF more combined storage compared to this time last year. Releases from all upstream reservoirs continue to be reduced as demands continue to fall off and Delta water quality requirements are relaxed.

In late March, the CVP, various State agencies, and the Sacramento River Settlement Contractors agreed on an approach for Shasta operations for the mid-April through September period to preserve as much coldwater in Shasta for as long as possible. This operation has resulted in only about 18% of supplies available for the Settlement Contractors and a higher Shasta storage. As of September 19th temperature compliance targets have been met for most of the 2022 season. At this point in time, Reclamation has made every possible release configuration to manage river temperatures.

CVO provided updated operations projections at the end of July for the 90% and 50% exceedance level. Figures 1 and 2 show the projected Shasta Lake and Folsom Lake storage through October based off the most recent CVO projections, as compared to actuals to date. Shasta storage has consistently trended above the 90% forecast since late spring and is currently forecasted to end September near 1.5 MAF, about 200 TAF higher than forecasted in the Shasta Temperature Management Plan. Folsom storage has also generally trended near or above the forecast.

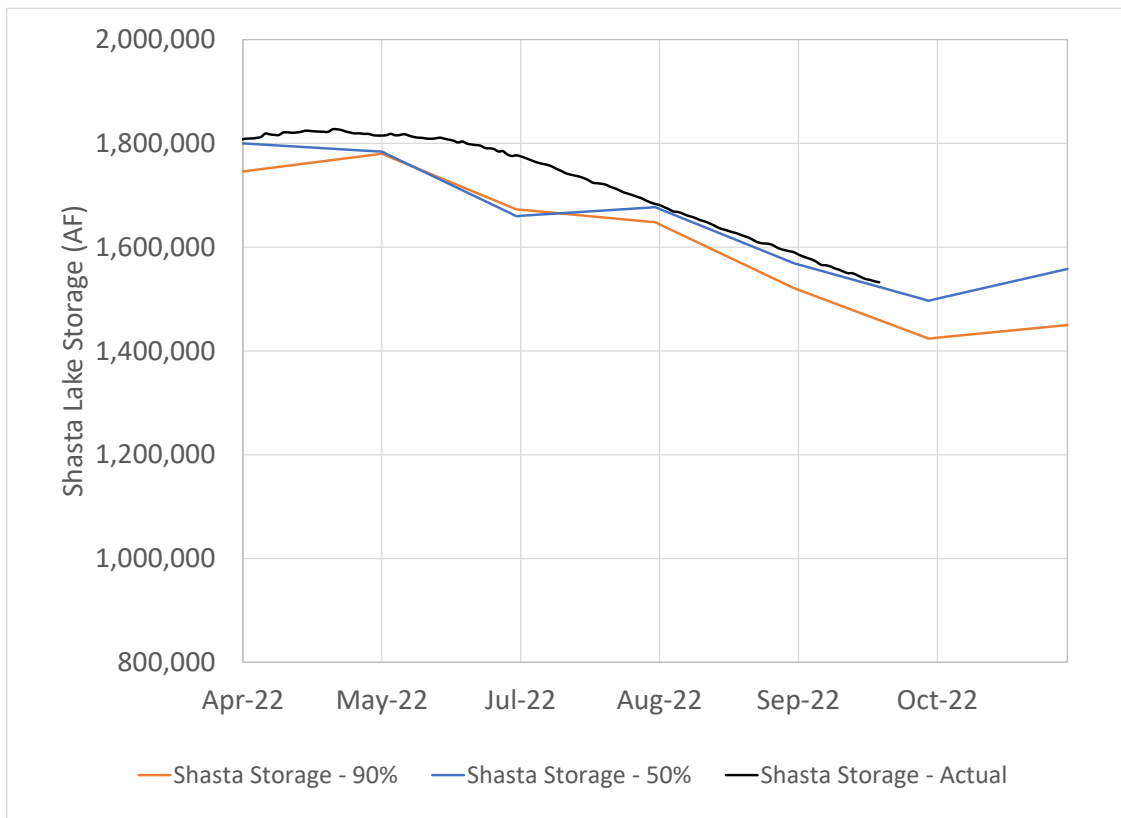


Figure 1. Shasta Lake Storage – July CVO Projections as Compared to Actuals

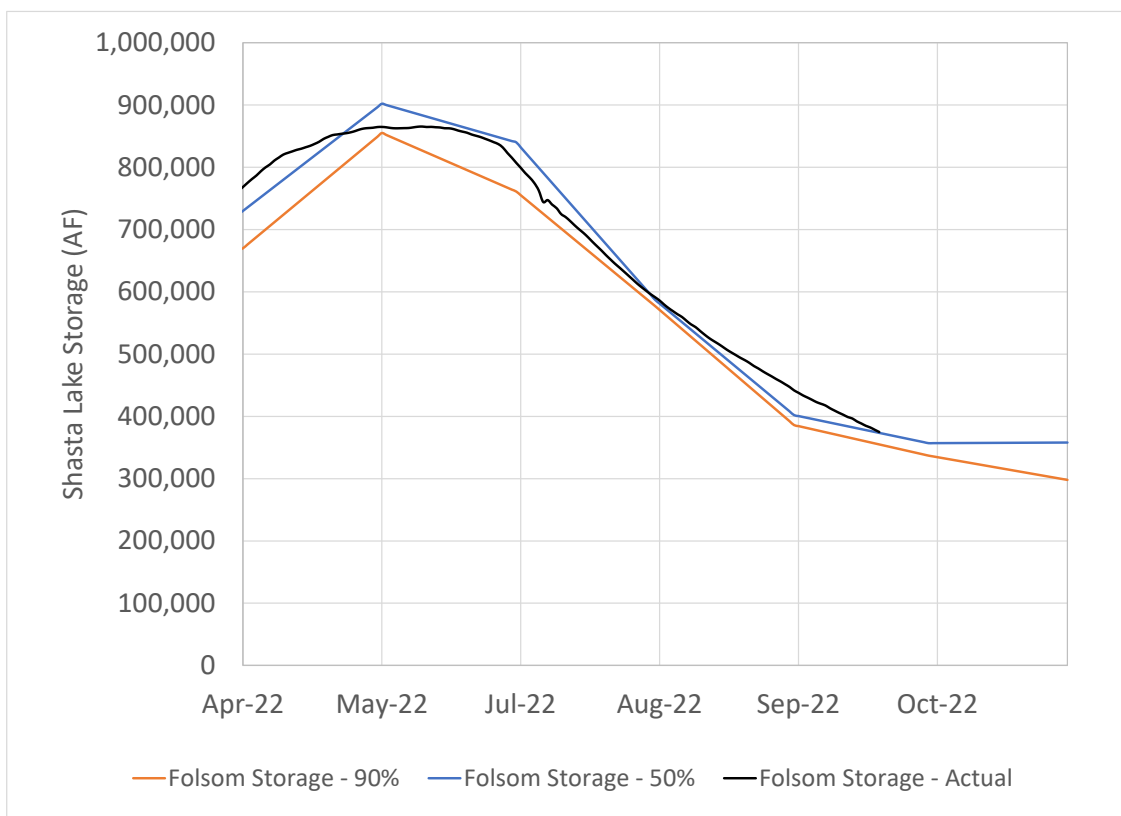


Figure 2. Folsom Lake Storage – July CVO Projections as Compared to Actuals

CVP SOD Operations

Delta Operations

Jones exports were at a three-unit operation for most of July and all of August, before dropping to a two-unit operation on September 2. A three-unit operation resumed on September 12 and is expected to be able to continue for most of the rest of the month. Figure 3 shows the projected daily Jones pumping through October as compared to actuals to date.

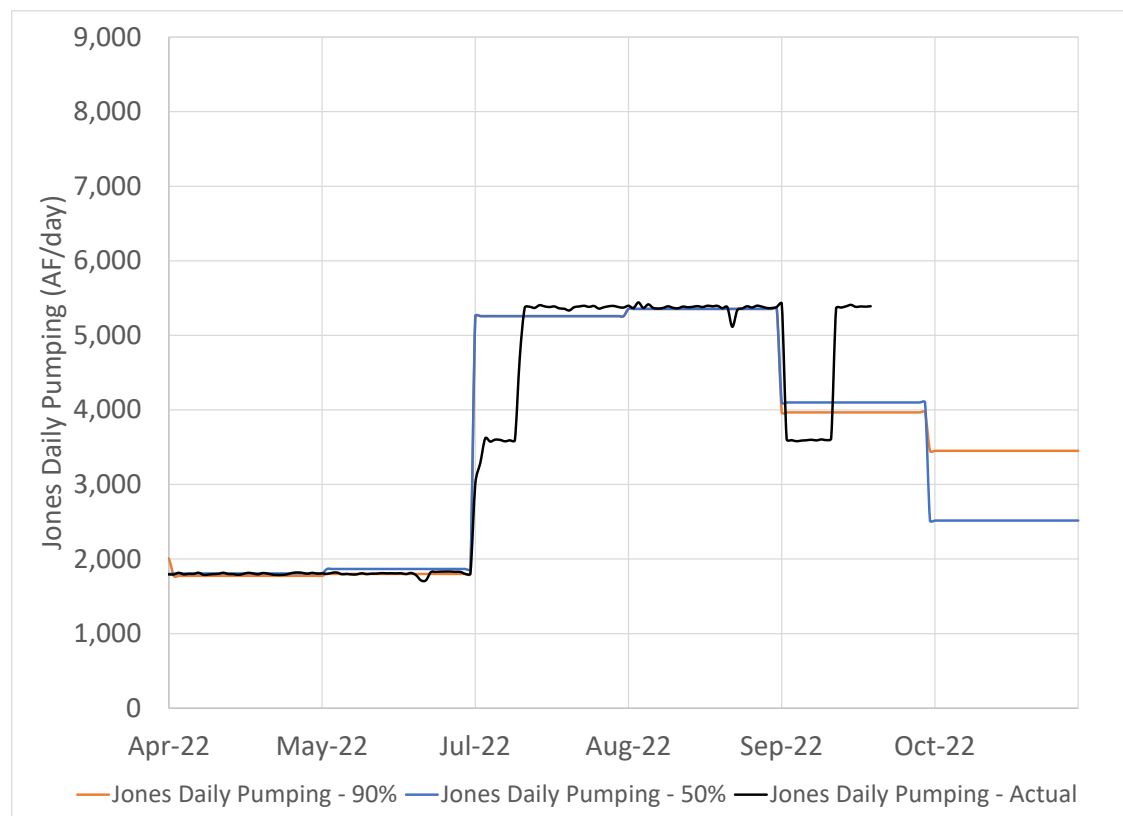


Figure 3. Daily Jones Pumping – July CVO Projections as Compared to Actuals

As of September 20, some water right curtailments have been suspended based on the recent storm events. For the San Joaquin Valley, post-1914 appropriative rights and pre-1914 claims in the San Joaquin watershed with a priority date of 1900 or junior are curtailed. Users in the Chowchilla, Merced, and Mokelumne subwatersheds are subject to more senior curtailments. As the wet season approaches, the SWRCB is expected to continue to actively suspend and reimpose curtailments as hydrologic conditions warrant.

San Luis Operations

CVP San Luis Reservoir storage is at 215 TAF—78% of its 15-year average. At the end of June there was approximately 217 TAF of rescheduled and non-Project water in CVP San Luis, with most contractors expecting to slowly use this throughout the season. Figure 4 shows the July exceedance projections from CVO for San Luis Federal storage through October as compared to actuals. Please note both projections display actual storage, which included approximately 217 TAF of non-project water at the end of June. The

CVO projection currently shows CVP San Luis total physical storage reaching low-point in October, but remaining positive. Internal FWA estimates suggest that project water in CVP San Luis has reached low point of 40 TAF in July, with storage currently around 70 TAF.

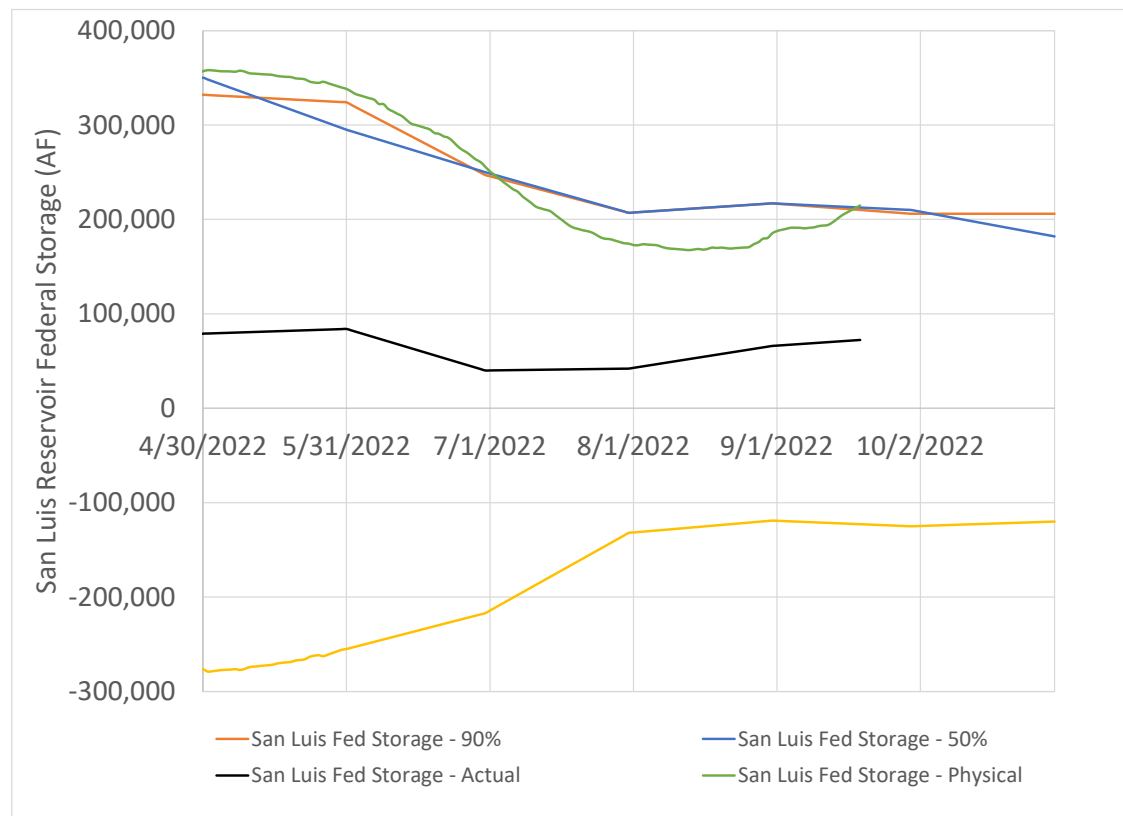


Figure 4. San Luis Federal Storage – July CVO Projections as Compared to Actuals

Exchange Contract

On April 1st water began being released from Friant to meet Exchange Contractor demands. Releases from Millerton began decreasing on June 22 and are currently about 248 cfs. Delivery of Friant water to Exchange Contractors ceased on July 15, with flows dropping to Holding Contract minimum at Gravelly Ford. Total releases from Millerton Lake to meet Exchange Contractor demands exceeded 210 TAF, and it is not anticipated that additional releases will be required for the remainder of 2022.

Friant Division

Millerton and Friant Allocation

The CVP Friant allocation for 2022 was increased to 30% of Class 1 supplies (240 TAF) on July 20. In May, 42 TAF of Gross URFs were sold. Another 26 TAF of Gross URFs were accepted for URF Exchanges (10.5 TAF of which from 2018 agreement) in May through July. Finally, 33 TAF Gross URFs were sold in July, totaling 101 TAF of Gross URFs this year.

On August 12, SCCAO provided an updated 90% exceedance operations scenario spreadsheet which reflected an unexpected increase in recent runoff due to monsoonal precipitation. The additional actual and forecast runoff appears to be sufficient to increase the Friant Water Supply allocation by another 5%.

Districts impressed on Reclamation the need to increase the allocation as soon as possible to allow some districts to use the water before they have to shut down their systems due to lack of water supply in addition to concerns of canal construction this winter and continued FKC capacity constraints. Reclamation notified FWA in late August that it would not increase the allocation at this time due to concerns of potentially dry future conditions and ‘borrowing’ of future water supply, compounded with low upstream storage.

Figure 5 shows the Millerton Lake storage through October based off the most recent SCCAO 90% projection and an internal 75% projection, 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. It assumes a lower quartile fall/winter historical hydrology, which results in end of February storage around 200 TAF. Millerton Lake storage has trended near the most recent forecast.

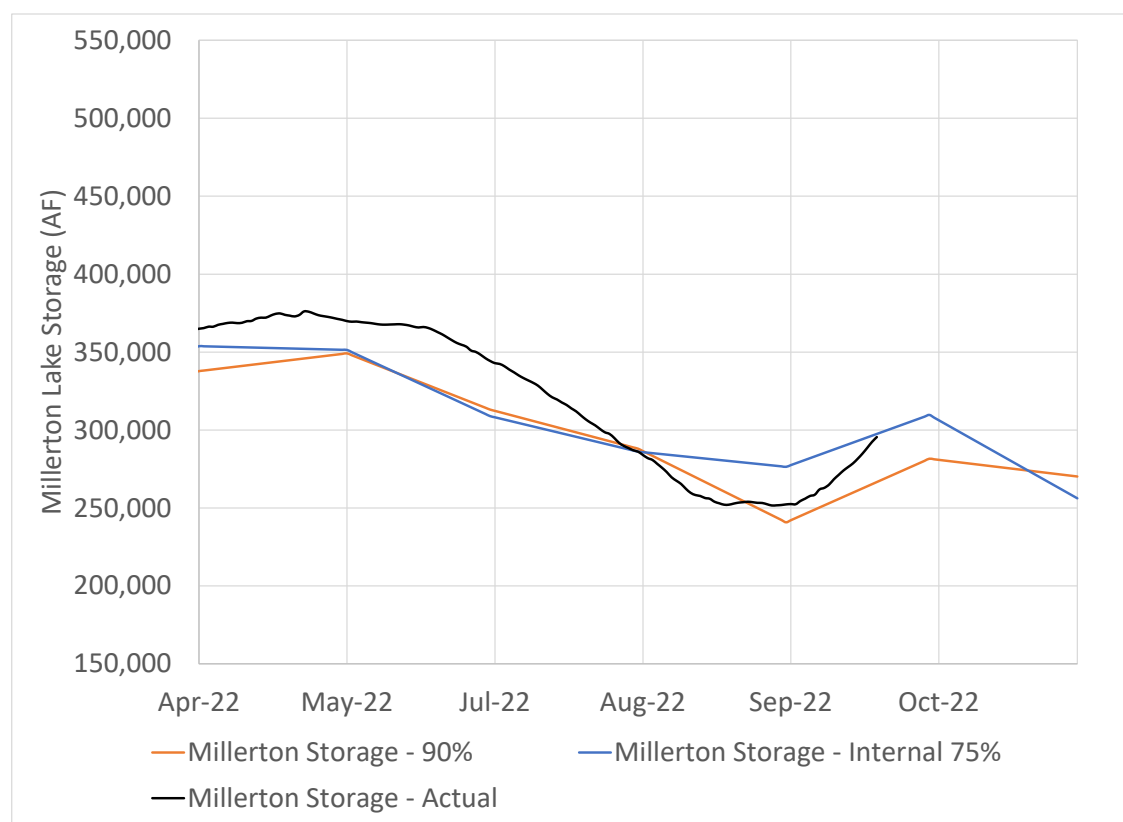


Figure 5. Millerton Lake Storage – SCCAO 90% Exceedance Projection / FWA Internal 75% Exceedance Projection as Compared to Actuals

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. On July 12th the RA submitted a revised schedule for the remainder of the restoration year. The recommendation includes no Restoration Flow releases through September in order to preserve coldwater pool in Millerton. The recommendation has been approved by Reclamation following completion of a water supply test related to shifting 19.8 TAF of releases from summer to fall and winter months, which concluded there would be no material reduction to Friant Contractor deliveries as a result of the revised schedule. Restoration flows previously ceased on

April 10th due to capacity limitations in Reach 2 and the need for Exchange Contractor supply, which have priority over Restoration flows. The last day of Restoration flows past Sack Dam was April 12th. Restoration flows are now scheduled to resume on October 1, with re-wetting of Reaches 2 and 4, and thus re-connection of the river, anticipated to take about one month.

San Joaquin River Restoration Recapture

Recapture at Mendota Pool is unlikely this year except for at the beginning and end of Restoration Flow releases in October and February, respectively. The temporary transfer petition for recapture at PID and BCID was delayed due to the uncertainty regarding availability of Restoration Flows due to the releases for the Exchange Contractors. The petition for temporary transfer was resubmitted on September 2nd, with the expectation of being able to recapture Restoration Flows at PID and/or BCID when Restoration Flows resume in October. Given expected capacity constraints at PID and BCID this fall and winter, the maximum potential recapture is estimated to be between 15-20 TAF.

