

BOARD OF DIRECTORS MEETING | Agenda

DECEMBER 13, 2019
8:30AM (Closed Session) 10:30 AM (Open Session)
INTERNATIONAL AGRI-CENTER
4500 S. LASPINA ST, TULARE, CA

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.

1. **CALL TO ORDER/ROLL CALL – (TANTAU)**
2. **APPROVAL OF THE AGENDA – (TANTAU)**
3. **PUBLIC COMMENT ON CLOSED SESSION ITEMS – (DAVIS)**
4. **ADJOURN TO CLOSED SESSION**

CLOSED SESSION ITEMS (90 MIN)

5. **CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION**
(Government Code section 54956.9(d)(1))
NRDC v. Murillo, U.S. District Court, Eastern District of California (Sacramento Division), Case No. 88-cv-01658-JAM-GGH.
6. **CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION**
(Government Code section 54956.9(d)(2))
Significant Exposure to Litigation: Three potential matters.
7. **CONFERENCE WITH LEGAL COUNSEL-INITIATION OF LITIGATION**
(Government Code section 54956.9(d)(4))
Initiation of Litigation: Three potential cases.
8. **CONFERENCE WITH REAL PROPERTY NEGOTIATORS**
Property: Friant-Kern Canal facilities and right-of-way
Agency negotiator: CEO, COO, General Counsel
Negotiating parties: United States (Bureau of Reclamation)
Under negotiation: OM&R Transfer Agreement (price and terms of payment)
9. **PUBLIC EMPLOYEE PERFORMANCE EVALUATION**
(Government Code section 54957)
Title: Chief Executive Officer
10. **RECONVENE INTO OPEN SESSION (START AT 10:30 AM)**
Announce reportable action taken during closed session.

11. PUBLIC COMMENT / PUBLIC PRESENTATIONS – (TANTAU)

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.

12. CONSENT CALENDAR – (TANTAU)

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

- A. Approval of the Minutes – Board of Directors meeting of October 24, 2019. (Tantau)
- B. Approval of the Minutes – Special Board of Directors meeting of November 18,19 & 20, 2019. (Tantau)
- C. Ratify the bills for November 2019 and accept the Cash Activity Reports. (Willard)

13. ACTION ITEMS (30 MINUTES)

- A. Adopt Resolution No. 2019-05 – Setting the 2020 Regular Board Meeting Dates. (Tantau)
- B. Call-for-Funds – The Board will consider a January 1, 2020 Call-for-Funds. (Willard)
- C. Approval of Stewardship and Oversight Agreement on Land Acquisition with the Bureau of Reclamation for the Friant-Kern Canal Middle Reach Capacity Correction Project (Davis)
- D. Approval of Task Order and Budget Adjustment under Master Professional Services Agreement with Bender Rosenthal for Phase I Environment Assessment Work for Potential Right of Way Acquisitions for the Friant-Kern Canal Middle Reach Capacity Correction Project (Davis)
- E. Adopt a Resolution of support for the use of Part III appropriated funds for the Friant-Kern Canal Middle Reach Capacity Correction Project (Phillips)

14. GENERAL UPDATES & REPORTS (2 HOURS)

- A. Recap of Board Retreat (Phillips) (10 minutes)
- B. Friant-Kern Canal Capacity Correction Project Update.
 - i. FKC Middle Reach Capacity Correction Project Technical Update. (DeFlicht/Stantec) (10 minutes)
 - ii. FKC Middle Reach Capacity Correction Project Financial Update (DeFlicht/Willard) (10 minutes)
- C. Central Valley Project Improvement Act Credit/Offset True-up Update (Phillips/Payne/Bezdek) (15 min)
- D. External Affairs Activities. (Biering/Amaral) (15 minutes)
- E. San Joaquin Valley Blueprint Update (Amaral/Phillips) (20 minutes)
 - i. Governor’s Water Resilience Portfolio Update

- ii. Economic Impact Study
- iii. Project implementation strategy
- F. COO Update & October O&M Report (DeFlicht) (10 minutes)
- G. CVP Operations Report. (Payne/Bureau of Reclamation) (10 minutes)
- H. Airborne Snow Observatory Program Update. (Payne) (5 minutes)
- I. CEO Update (Phillips) (10 minutes)

15. 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 aides or services, please contact Toni Marie at 559-562-6305 at least 48 hours prior to the meeting.



BOARD OF DIRECTORS MEETING | Minutes

OCTOBER 24, 2019, 9:00 AM (Closed Session) 10:00 AM (Open Session)
INTERNATIONAL AGRI-CENTER, 4500 S. LASPINA ST, TULARE, CA

1. CALL TO ORDER/ROLL CALL

Chairman Chris Tantau called to order the noticed meeting of the Board of Directors of the Friant Water Authority at 9:00 a.m. Cliff Loeffler led the meeting with an Invocation following closed session.

ROLL CALL

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)
Chris Tantau	Kaweah Delta W.C.D. (KDWCD)
Kent H. Stephens	Kern-Tulare W.D.
Michael Brownfield	Lindmore I.D. (LID)
Cliff Loeffler	Lindsay-Strathmore I.D. (LSID)
Tom Barcellos	Lower-Tule River I.D.
Jim Erickson	Madera I.D. (MID)
Harvey Bailey	Orange Cove I.D. (OCID)
Eric Borba	Porterville I.D. (PID)
Steven G. Kisling	Saucelito I.D. (SID)
Matthew Leider	Teapot Dome W.D.
Edwin Wheaton	Terra Bella I.D. (TBID)
Rick Borges	Tulare I.D. (TID)

Directors of Other Friant Division Contractors Present:

Mike Faria	Lower-Tule River I.D.
Richard Junio	Lower-Tule River I.D.
Josh Pitigliano	Lower-Tule River I.D.
Art Ramirez	Stone Corral I.D.

Directors Absent: Kole Upton, Chowchilla W.D. (CWD); George Porter, Fresno I.D. (FID); Tim Orman, City of Fresno (CofF); Loren Booth, Hills Valley I.D. (HVID); and Michael Brownfield, Lindmore I.D. (LID)

2. APPROVAL OF THE AGENDA

The Board approved the agenda as presented.

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

3. APPROVE FWA MEMBERSHIPS: TEA POT DOME WATER DISTRICT AND LOWER TULE RIVER IRRIGATION DISTRICT.

The Board approved Tea Pot Dome Water District and Lower-Tule River Irrigation District membership in the Friant Water Authority as presented.

M/S/C – Motion by Director Stephens, seconded by Director Borba, to approve the Membership Agreements with Tea Pot Dome Water District and Lower-Tule River Irrigation District as a General Member and O&M Project Member. The motion carried. (Roll Call Vote: Ayes – AESWD, FID, KDWCD, KTWD, LSID, MID, OCID, PID, SID, TBID, TID; Nays – 0; Absent – CWD, Coff, LID)

4. PUBLIC COMMENT ON CLOSED SESSION ITEMS

There was no public comment on any closed session items.

5. ADJOURN TO CLOSED SESSION

CLOSED SESSION ITEMS

6. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION

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

NRDC v. Murillo, U.S. District Court, Eastern District of California (Sacramento Division), Case No. 88-cv-01658-JAM-GGH.

7. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION

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

Significant Exposure to Litigation: Three potential matters.

8. CONFERENCE WITH LEGAL COUNSEL-INITIATION OF LITIGATION

(Government Code section 54956.9(d)(4))

Initiation of Litigation: Two potential cases.

9. RECONVENE INTO OPEN SESSION

There was no reportable action taken during closed session.

10. PUBLIC COMMENT / PUBLIC PRESENTATIONS

Chairman Tantau remarked on the well-attended dedication to rename Success Dam to the Richard L. Schafer Dam after passage of legislation introduced by Kevin McCarthy in May of 2019 and enacted after being signed by the President in August of 2019.

11. CONSENT CALENDAR

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

A. Approval of the Minutes – Board of Directors meeting of September 26, 2019.

- B. Pay the Bills for October 2019 and accept Cash Activity Reports.

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

12. ACTION ITEMS

- A. Large Equipment Purchase – All-Terrain Forklift – The Board of Directors approved the purchase of an All-Terrain Forklift as outlined in the agenda report. Superintendent Hickernell noted that one existing forklift in the Delano Yard would be scrapped and the other forklift in the Lindsay Yard could be sold for a cost between \$12,000 and \$15,000.

M/S/C – Motion by Director Kisling, seconded by Director Borges to approve the purchase of a JCB All-Terrain Forklift from United Rentals in the amount of \$104,004.01. The motion carried. (Roll Call Vote: Ayes – AESWD, FID, KDWCD, KTWD, LSID, MID, OCID, PID, SID, TBID, TID; Nays – 0; Absent – CWD, Coff, LID)

13. GENERAL UPDATES & REPORTS

- A. External Affairs Activities – GAC Biering and CEA Amaral provided a report on Friant’s external affairs activities as outlined in the agenda report. Specifically, bills that were vetoed by the Governor and of interest to Friant included SB 1 (ESA/environmental and regulatory standards); SB 487 (ASO/aerial snow survey and runoff forecasts); AB 417 (Agriculture and Rural Prosperity Act); and AB 638 (climate change impacts to water storage facilities).

GAC Biering also noted that Friant was relaunching the Friant eWaterline newsletter with the first issue being distributed in November. This will be a monthly publication that will provide a message from the CEO; a calendar of upcoming events; recent relevant press; and other information. CEA Amaral reported that the Family Farm Alliance Executive Director’s Report would now become a regular addition as part of the External Affairs Activities report, which was attached to the agenda report.

- B. San Joaquin Valley (SJV) Blueprint Recommendations to State for Water Resiliency Plan – Austin Ewell gave an update on the SJV Blueprint efforts as outlined in the agenda report which included the addition of the Kings River Water Association; Executive committee’s desire to hire a full-time Project Manager with a specific focus on the Socio-Economic Report; and the Governor’s Water Resilience Plan comments.
- C. Friant-Kern Canal Capacity Correction Project Update.
 - i. FKC Middle Reach Capacity Correction Project Technical Update – CEO DeFlicht provided a technical update on the FKC Middle Reach Capacity Correction Project as outlined in the agenda report. He discussed expediting of the feasibility report and the meeting held on October 9th to discuss the process. Timelines for completion of certain processes were moved up in the planning and its hoped that a construction contract award can occur in December of 2020.

- ii. FKC Middle Reach Capacity Correction Project Financial Update – COO DeFlitch and CFO Willard provided an update on the Project financing and spreadsheet as outlined in the agenda report. They went through the spreadsheet which described funding on hand; expected funding; potential funding as well as other funding options. Staff felt that they would have a positive cash flow by the time the planned construction contract in December 2020 was due.
- D. Friant-Kern Canal and Madera Canal Title Transfer Update – Special Counsel Bezdek gave an update on potential Title Transfer of the Friant-Kern and Madera Canals as outlined in the agenda report. Friant continues to work through the MOU process and staff continues to work with Dennis Keller to address his issues on Title Transfer. Title Transfer will also be discussed at the upcoming FWA Board Retreat in November.
- E. COO Update & September O&M Report – COO DeFlitch provided a brief update on current activities that included working on extending the OM&R Transfer Agreement with the Bureau of Reclamation, which ends in 2023; Roll-out of the Water Quality Plan workshops are currently being scheduled; Friant water operations delivered a total 1,321,817 acre-feet to FKC contractors so far this year and SCADA Phase 3 is now complete. COO DeFlitch did inform the Board that Friant is currently looking to hire a Water Operations Supervisor as the current Water Operations Supervisor announced his retirement.
- F. Temperance Flat Reservoir Activities Update – DWP Payne reported on Temperance Flat Reservoir activities as outlined in the agenda report which included the adoption of the principles at its meeting held on October 21, 2019. A bank account and contract support to hire an engineering consultant also occurred. The MOU group is leading the effort on completion of the user led Technical Memo.
- G. CVP Operations Report – Michael Jackson provided a report on current activities at Reclamation which included recent discussions on Title Transfer. He also reported that reservoirs are coming down gradually and that we ought to be in a good position as far as water supply on March 1, 2010. Rufino Gonzalez went through the Water Year Comparison report passed out at the meeting.
- H. Airborne Snow Observatory (ASO) Program Update – DWP Payne provided an update on the ASO program as outlined in the agenda report. He also reported that with the veto of SB 487, funding for the ASO program will not be coming from the State. Efforts to seek ways to keep the program in place are continuing while Friant staff are working with Reclamation to pursue contracts to take advantage of funding that may be available. DWP Payne will keep the Board apprised on status of the program in the coming months.
- I. CEO Update – CEO Phillips updated the Board of Directors on recent activities including a letter issued by the Program Manager for the San Joaquin River Restoration Program that would reduce the Friant Surcharge for those districts that converted to 9D contracts. The refund would most likely come in the form of reduced O&M expenses.

14. ADJOURN TO CLOSED SESSION TO CONTINUE THE ANTICIPATED LITIGATION TOPIC

15. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION

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

Significant Exposure to Litigation: Three potential matters.

16. RECONVENE INTO OPEN SESSION

There was no reportable action taken during closed session.

17. ADJOURNMENT

The meeting adjourned at 11:52 a.m.

Jason R. Phillips, Chief Executive Officer
Friant Water Authority

Toni Marie, Recording Secretary
Friant Water Authority

OTHERS IN ATTENDANCE:

Jeevan Muhar	Arvin-Edison W.S.D.
Steve Collup	Arvin-Edison W.S.D.
Doug Welch	Chowchilla W.D.
William R. Stretch	Fresno I.D.
Mark Larsen	Kaweah-Delta W.C.D.
Steve Dalke	Kern-Tulare W.D.
Craig Wallace	Lindsay-Strathmore I.D.
Fergus Morrissey	Orange Cove I.D.
Sean Geivet	Porterville I.D., Saucelito I.D., Terra Bella I.D.
Aaron Fukuda	Tulare I.D.
Don Davis	FWA General Counsel
John Bezdek	FWA Special Counsel
Toni Marie	FWA
Jason Phillips	FWA
Doug DeFlicht	FWA
Jeff Payne	FWA
Don Willard	FWA
Vivian Garcia	FWA
Chris Hickernell	FWA
Alex Biering	FWA
Johnny Amaral	FWA
Aubrey Mauritson	Counsel
Austin Ewell	Ewell Group
Tim Gobler	Wonderful
Don Wright	Waterwrights.com
Johnny Gailey	Delta View Water Association
Rufino Gonzalez	USBR

Rogelio Caudillo	Eastern Tule GSA
Dale West	Stone Corral ID
Eric Quinley	Delano-Earlimart ID
Tom Weddle	Exeter ID/Ivanhoe ID
Alan Doud	Young Wooldridge
Alan Becker	Homer
Kristi Robinson	WW
George Cappello	Grimmway Farms
Preston Brittian	PBE/Pacific Resources
Michael Peters	Kaweah Pump, Inc.
Shelly Abajian	Senator Feinstein
George Cappello	Grimmway Farms



Minutes of Special Board of Directors Meeting

NOVEMBER 18, 19 & 20, 2019

CLOSED SESSION: NOVEMBER 18, 2019 – 3:00 P.M.

NOVEMBER 19 & 20 - STARTING AT 8:00 AM EACH DAY

THE CLIFFS HOTEL & SPA, 2757 SHELL BEACH ROAD, PISMO BEACH, CA 93449

1. **CALL TO ORDER/ROLL CALL** – Chairman Tantau called the meeting to order at 3:00 p.m. on Monday, November 18th, 8:00 a.m. on Tuesday and Wednesday November 19 & 20, 2019.

ROLL CALL

Chief Executive Officer, Jason R. Phillips noted that a quorum of the Board of Directors was present. (attendance list at end of minutes)

2. **APPROVAL OF THE AGENDA** – The agenda was approved.
3. **PUBLIC COMMENT / PUBLIC PRESENTATIONS** – There was no public comment.

Monday, November 18th

3:00 p. – 4:15 pm

CLOSED SESSION – There was no reportable action taken during closed session.

CONFERENCE WITH LEGAL COUNSEL-INITIATION OF LITIGATION

(Government Code section 54956.9(d)(4))

Initiation of Litigation: one potential case.

There was no reportable action.

Tuesday, November 19th

8:00 am – 12:00 pm

Session 1 – SJV Blueprint – Organization and Approach

Session 2 – SJV Blueprint – Projects and Partners

1:00 pm – 5:15 pm

Session 3 – FKC Middle Reach Capacity Correction Project – Self Financing

Session 4 – FKC Middle Reach Capacity Correction Project–Overview of Status and Funding

Session 5 – Governance (Introduction)

Wednesday, November 20th

8:00 am – 12:00 pm

Session 5 – Governance (Continued)

Session 6 – Title Transfer

Summary & Next Step

Summary of Discussions

The discussions of the Board of Directors and Staff followed the above agenda.

Participants discussed the Water Blueprint for the San Joaquin Valley and to identify the challenges the Friant Division must overcome to be sustainable and the projects that could lead to increased sustainability in the Valley.

Participants discussed the Friant-Kern Canal Middle Reach Capacity Correction Project that included capital self-financing considerations as well as outside funding availability; construction efforts; and preferred path.

Participants discussed governance in general which also included Board of Directors meeting set-up; functionality and willingness to go to paperless meetings. Non-FWA member inclusion and how to achieve that through potential revision of the O&M membership and outreach and coordination with regional agencies and entities was also discussed.

Participants discussed a potential Title Transfer with the Bureau of Reclamation for the Friant Kern Canal and related facilities; they also discussed internal due diligence and whether Title Transfer should continue to be pursued.

The retreat ended on high note with Chairman Tantau acknowledging the work that Staff did to make the retreat a success and thanked everyone who attended.

4. ADJOURNMENT

The meeting adjourned at 2:00 p.m. on Wednesday, November 28.

Jason R. Phillips, Chief Executive Officer
Friant Water Authority

Toni Marie, Recording Secretary
Friant Water Authority

ATTENDANCE:

Jeff Giumarra	Arvin-Edison W.S.D. (AEWSD)
Jeevan Muhar	Arvin-Edison W.S.D. (AEWSD)
Chris Tantau	Kaweah Delta W.C.D. (KDWCD)
Kent H. Stephens	Kern-Tulare W.D. (KTWD)
Steve Dalke	Kern-Tulare W.D. (KTWD)
Ron Clark	Kaweah Delta W.C.D. (KDWCD)
Cliff Loeffler	Lindsay-Strathmore I.D. (LSID)
Craig Wallace	Lindsay-Strathmore I.D. (LSID)
Tommy Greci	Madera I.D. (MID)
Dina Nolan	Madera I.D. (MID)
Brian Davis	Madera I.D. (MID)

Eric Borba	Porterville I.D. (PID)
Sean Geivet	Porterville I.D., Saucelito I.D., Terra Bella I.D.
Dan Brown	Orange Cove I.D. (OCID)
Russell Katayama	Orange Cove I.D. (OCID)
Fergus Morrissey	Orange Cove I.D. (OCID)
Steven G. Kisling	Saucelito I.D. (SID)
Rick Borges	Tulare ID (TID)
Aaron Fukuda	Tulare ID (TID)
Tom Barcellos	Lower Tule River ID (LTRID)
Eric Limas	Lower Tule River ID; Tea Pot Dome WD
Matt Leider	Tea Pot Dome WD
Nick Canata	Delano-Earlimart ID (DEID)
Eric Quinley	Delano-Earlimart ID (DEID)
Joe Ferrara	Exeter ID (EID)
Tom Weddle	Exeter ID; Ivanhoe ID
Doug Phillips	Ivanhoe ID
Will Spruitenburg	Ivanhoe ID
Craig Fulwyler	Shafter-Wasco ID (SWID)
Dana Munn	Shafter-Wasco ID (SWID)
Roland Gross	Southern San Joaquin MUD (SSJMUD)
Bill Stretch	Fresno ID (FID)
Jason Phillips	FWA
Doug DeFlicht	FWA
Toni Marie	FWA
Don Davis	FWA
Don Willard	FWA
Jeffrey Payne	FWA
Alex Biering	FWA
John Bezdek	FWA
Austin Ewell	FWA
Johnny Amaral	FWA
Mike Villines	FWA
Brian Thomas	PFM
Darren Hodge	PFM
Tal Eslick	SJV Blueprint
Brian Person	AECOM
Dennis Keller	Keller/Wegley
Geoff Vanden Heuvel	Milk Producers Council

Agenda Report

No. 12.C

DATE: December 13, 2019

TO: Board of Directors

FROM: Finance Committee, Don Willard, CFO

SUBJECT: Ratify the payment of bills for November 2019 and accept Cash Activity Reports for October 2019

SUMMARY:

The Finance Committee met on November 25, 2019 and reviewed the bills to be paid for November 2019 and the Cash Activity Reports for October 2019.

FINANCE COMMITTEE ACTION:

The Finance Committee approved payment of the November 2019 bills in the amount of \$2,006,104.92, accepted the Cash Activity Reports for October 2019 and acted to recommend that the Board of Directors ratify the payment of the November 2019 bills and accept the Cash Activity Reports for October 2019.

RECOMMENDED ACTION:

The Finance Committee recommends ratification of the payment of the November 2019 bills in the amount of \$2,006,104.92 and acceptance of the October 2019 Cash Activity Reports.

SUGGESTED MOTION:

The Board of Directors ratify the payment of the November 2019 payments in the amount of \$2,006,104.92 and accept the October 2019 Cash Activity Reports.

BUDGET IMPACT:

\$1,634,791.50 chargeable to the FY 2020 O&M Budget; \$86,598.43 chargeable to the FY 2020 GM Budget;

\$-0- - from Temperance Flat Funds.

\$-0- wire to SLDMWA for October / November.

\$284,715.00 – Patterson Irrigation District – Recapture Water

ATTACHMENTS:

Friant Water Authority Expenditures – November 2019
Friant Water Authority October 2019 Cash Activity Reports

FRIANT WATER AUTHORITY EXPENDITURES TO BE RATIFIED/APPROVED

PAYEE	O&M FUND	GM FUND	TOTAL	DESCRIPTION
RANDLE COMMUNICATIONS, LLC	7,754.82	7,754.82	15,509.64	Consulting - March
THE CLIFF'S RESORT LLC	7,120.91	7,120.90	14,241.81	Board Retreat
STANDARD INSURANCE CO	6,308.02	1,689.49	7,997.51	Survivors Life Insurance
LINCOLN NATIONAL LIFE INSURANCE CO.	3,539.85	508.83	4,048.68	Long term disability and Life insurance premiums
SP PLUS CORPORATION-HYATT	-	400.00	400.00	Parking Spaces (2) - Sacramento
COMCAST	-	341.80	341.80	Internet service for Sacramento office
FEDEX	16.33	66.88	83.21	(2-Dom) Mechanic OC -(1 Priority) General Member
EXECUTIVE SUITES AT RIVER BLUFF, LP	-	35.00	35.00	Cover Parking in Fresno
AAA TRUCK SERVICE, INC.	192.73	-	192.73	Mechanic Supplies
ACWA	825.00	-	825.00	OP Superv. Advertisement
APPLIED INDUST. TECH	2,349.22	-	2,349.22	Water Ops. Supplies
AT&T	832.36	-	832.36	Telephone Expense
AWARDS & SIGNS UNLIMITED	148.10	-	148.10	Office Supplies
BENDER ROSENTHAL INCORPORATED	25,861.47	-	25,861.47	Professional Services - September
BOOT BARN INC.	140.00	-	140.00	Boots for (1) Employee - Orange Cove
C & H FENCE & PATIO, INC.	800.73	-	800.73	Fencing Material - Delano Yard
CITY OF DELANO	210.68	-	210.68	Utilities
CITY OF LINDSAY	352.12	-	352.12	Utilities
CULLIGAN WATER CONDITION	221.01	-	221.01	Water conditioning - Lindsay Yard
CULLIGAN, CENTRAL VALLEY	45.50	-	45.50	Water conditioning - OC Yard
DACO FARM SUPPLY	78.68	-	78.68	Routine Parts & Supplies
EVOLUTION AUTO GLASS & WINDOW TINT	275.00	-	275.00	Replacement of pickup windshield Lindsay Yard
FASTENAL COMPANY	78.02	-	78.02	Repair Parts & Shop Supplies
FRONTIER	929.67	-	929.67	Telephone Services Admin. Lindsay
HOME DEPOT CREDIT SERVICES	168.01	-	168.01	Miscellaneous supplies for Delano yard
INDUSTRIAL ELECTRICAL CO.	1,920.00	-	1,920.00	Cleaning Stored Motors
INTERNATIONAL AGRI-CENTER	300.00	-	300.00	Board Meeting
MEDIA SOLUTIONS , INC.	1,973.00	-	1,973.00	Audio for Board Meeting
MICROSOFT	1,082.00	-	1,082.00	Microsoft Intune and Office 365
ORANGE COVE TIRE SERVICE	1,285.21	-	1,285.21	(5) Light Tires - Repairs & Services
PACIFIC GAS & ELECTRIC	2,844.66	-	2,844.66	Utilities
PAPA	200.00	-	200.00	QAC Seminar - (2) Lindsay Yard
QUILL CORPORATION	88.44	-	88.44	Office Supplies
SMART & FINAL CORP	384.30	-	384.30	Supplies for all three Yards
SoCalGas	102.15	-	102.15	Utilities
SOUTHERN CALIF EDISON	475.99	-	475.99	Utilities
SPARKLETTS	47.48	-	47.48	Water conditioning - Kings River house

FRIANT WATER AUTHORITY EXPENDITURES TO BE RATIFIED/APPROVED

PAYEE	O&M FUND	GM FUND	TOTAL	DESCRIPTION
SPARKLETTS	11.33	-	11.33	Water conditioning - Lindsay Office
SUE SA'S CREATIVE CATERING	1,697.95	-	1,697.95	Board of Director meeting
UNWIRED BROADBAND, INC.	299.98	-	299.98	internet for 2 yards
VAST NETWORKS	800.00	-	800.00	Internet for Lindsay office
VERIZON WIRELESS	2,807.04	-	2,807.04	SCADA mobile to mobile
ZENITH INSURANCE COMPANY	6,627.00	-	6,627.00	Workers compensation
ZOOM IMAGING SOLUTIONS, INC.	124.81	-	124.81	Copier Lease
BILLS PAID NOVEMBER 08, 2019	\$ 81,319.57	\$ 17,917.72	\$ 99,237.29	

BILLS PAID NOVEMBER 25, 2019

STANTEC CONSULTING SERVICES INC.	-	26,542.40	26,542.40	Consulting Services - August & October
WATER AND POWER LAW GROUP PC	10,262.20	8,628.54	18,890.74	Professional Services-November
ACWA / JPIA	80,114.81	6,466.60	86,581.41	Medical, Dental, Vision Insura
OTTEMOELLER CONSULTING SERVICES, LLC	-	4,952.55	4,952.55	Consulting Services for October
EXECUTIVE SUITES AT RIVER BLUFF, LP	1,801.63	1,801.63	3,603.25	Rent for Fresno Office
BANK OF AMERICA	4,585.03	3,523.29	8,108.32	Various Visa charges (Hotel and meal expenses)
SENATOR SEAGATE, L.P.	-	3,423.92	3,423.92	Rent for Sacramento Office
THE FERGUSON GROUP, LLC	8,220.25	3,089.24	11,309.49	Consulting Services for September
BILL LUCE CONSULTING, LLC	-	3,069.00	3,069.00	Consulting Services for October
ICF CONSULTING GROUP, INC.	-	2,782.50	2,782.50	Consulting Services for October & September
BURKE, WILLIAMS & SORENSEN, LLP	17,234.00	2,575.00	19,809.00	Professional Services for September
CALIFORNIA COMPUFORMS	888.93	888.94	1,777.87	Gifts for 2019 Retreat
SP PLUS CORPORATION-HYATT	-	400.00	400.00	Parking Spaces (2) - Sacramento
INTRADO ENTERPRISE COLLABORATION, IN	34.93	361.78	396.71	Conference Calls
ZOOM IMAGING SOLUTIONS, INC.	1,243.86	124.81	1,368.67	Office Supplies
PAYNE, JEFFREY T.	-	50.51	50.51	Expense Claim Reimbursment
AAA TRUCK SERVICE, INC.	313.74	-	313.74	Repair Parts for Pickups
ABILITY	109.09	-	109.09	Answering Service-Admin, Canal
ALTA OIL	42.95	-	42.95	Repair Parts for Forklift
AMAZON CAPITOL SERVICES, INC.	534.42	-	534.42	Office Supplies
APPLIED INDUST. TECH	3,472.59	-	3,472.59	Gearbox and Motor Replacements
ASPHALT COATING & SUPPLIES	1,571.43	-	1,571.43	Asphalt for Road Maintenance
AT&T	215.73	-	215.73	Telephone Service
AUTO ZONE, INC.	255.34	-	255.34	Repair Parts for Pickup
BARNES WELDING SUPPLY INC	132.13	-	132.13	Welding Supplies for Lindsay
BATTERY SYSTEMS INC.	2,224.96	-	2,224.96	Batteries (13)
BOOT BARN INC.	140.00	-	140.00	Safety Boots

FRIANT WATER AUTHORITY EXPENDITURES TO BE RATIFIED/APPROVED

<u>PAYEE</u>	<u>O&M FUND</u>	<u>GM FUND</u>	<u>TOTAL</u>	<u>DESCRIPTION</u>
BORBA, ERIC L.	100.00	-	100.00	Expense Claim Reimbursement
BUCKLES-SMITH ELECTRIC COMPANY	27,066.25	-	27,066.25	Gearbox and Moter Replacement
CALCHAMBER	238.30	-	238.30	Labor Law Posters for Yards
CITY OF ORANGE COVE	413.12	-	413.12	Utilities
CULLIGAN, CENTRAL VALLEY	68.50	-	68.50	Water Conditioning-OC yard
DELL MARKETING L.P.	1,408.56	-	1,408.56	Replacement Laptop for COO
DINUBA LUMBER COMPANY	186.65	-	186.65	Hardware and Supplies-OC yard
DOUG DeLEO WELDING	30.69	-	30.69	Repair Parts for Spray Rig
FARIAS, EDDIE D.	1,080.00	-	1,080.00	A/C Repairs at Delano Yard
FASTENAL COMPANY	283.37	-	283.37	Hardware for all Yards
FOOTHILL AUTO TRUCK & AG PARTS, INC.	1,534.86	-	1,534.86	Parts and Supplies for OC yard
FOUNDATION FOR MEDICAL CARE	100.00	-	100.00	Cobra Admistration Service
FRONTIER	1,019.12	-	1,019.12	Telephone Service
FRUIT GROWERS SUPPLY CO	1,556.74	-	1,556.74	Supplies for OC Yard
FUSION CLOUD SERVICES, LLC	808.74	-	808.74	Telephone Expenses
GARCIA, VIVIAN	24.40	-	24.40	Expense Claim Reimbursment
GARTON TRACTOR, INC.	724.13	-	724.13	Repair Parts for JD Mower
GRAINGER	256.87	-	256.87	Supplies for all Yards
GRAYBAR	475.42	-	475.42	Electrical Supplies
GROSSMAYER & ASSOCIATES	270.00	-	270.00	Great Plains Support
HOME DEPOT CREDIT SERVICES	3,011.26	-	3,011.26	Supplies for all Three Yards
INDEPENDENT PIPE & STEEL, INC.	1,933.92	-	1,933.92	Metal Materials for Delano
IRON MOUNTAIN	30.70	-	30.70	Legal Documentation Storage
JIM'S STEEL SUPPLY	676.74	-	676.74	Metal Materials for Delano
LAWSON PRODUCTS	401.87	-	401.87	Shop Supplies for Mechanic
LINDSAY TRUE VALUE	120.80	-	120.80	Routine Hardware and Supplies
LOEFFLER, CLIFFORD RAY	106.96	-	106.96	Expense Claim Reimbursement
MH WOLFE & ASSOCIATES	891.25	-	891.25	Consulting Sevices for October
MODERN PLUMBING & SUPPLY	374.60	-	374.60	Plumbing Repairs- Tule House
MONARCH FORD	193.16	-	193.16	Repair Parts for Pickup
MOONLIGHT MAINTENANCE SERVICES	1,885.00	-	1,885.00	Janitor Service for all Yards
MOTION INDUSTRIES, INC.	1,251.37	-	1,251.37	Repair Parts for JD Mower
NUTRIEN AG SOLUTIONS	1,244.70	-	1,244.70	Forfeit (12.5 gallons)
OFFICE DEPOT INC.	563.10	-	563.10	Office Supplies
ORANGE COVE TIRE SERVICE	423.60	-	423.60	Tire Repairs and Service
PACIFIC GAS & ELECTRIC	2,675.49	-	2,675.49	Utilities
PALM OCCUPATIONAL MEDICINE	246.92	-	246.92	New Employee and First Aid

FRIANT WATER AUTHORITY EXPENDITURES TO BE RATIFIED/APPROVED

<u>PAYEE</u>	<u>O&M FUND</u>	<u>GM FUND</u>	<u>TOTAL</u>	<u>DESCRIPTION</u>
PAPE MACHINERY	1,343.04	-	1,343.04	Repair Parts for Crane, Loader
PATTERSON IRRIGATION DISTRICT	284,715.00	-	284,715.00	Recapture of H2O-reimbursable
PBW DISTRIBUTOR INC	303.42	-	303.42	Repair Parts and Supplies
PORTERVILLE FORD	220.88	-	220.88	Repair Parts for Pickup
PORTERVILLE ROCK & RECYCLE, INC.	191.97	-	191.97	Rock for Road Maintenance
PORTERVILLE SHELTERED WORKSHOP	40.00	-	40.00	Confidential Shredding Service
PRAXAIR DISTRIBUTION, INC	403.53	-	403.53	Welding Shop Supplies
PROBATA CORPORATION	460.00	-	460.00	Calibration of Test Equipment
PRUDENTIAL OVERALL SUPPLY	1,492.56	-	1,492.56	Uniforms for all Yards
QPCS LLC	25,072.12	-	25,072.12	Router Deployment for SCADA
QUILL CORPORATION	432.60	-	432.60	Office Supplies
RED WING BUSINESS ADVANTAGE	441.52	-	441.52	Safety Boots-\$67.50 Reimbursed
ROBERT V. JENSEN, INC.	2,673.51	-	2,673.51	Fuel for Lindsay Yard
SAN JOAQUIN AUTO & TRUCK ELECTRIC	182.48	-	182.48	Repair Parts for JD Grader
SAN JOAQUIN PEST CONTROL	120.00	-	120.00	Pest Control - Lindsay Yard
SAN JOAQUIN PEST CONTROL	56.00	-	56.00	Pest Control - OC Yard
SAN JOAQUIN PEST CONTROL	31.00	-	31.00	Pest Control - Kings River House
SAN JOAQUIN PEST CONTROL	40.00	-	40.00	Pest Control - Delano Yard
SAN JOAQUIN VALLEY AIR	42.00	-	42.00	Fuel Dispensing Annual Permits
SANCHEZ, TONY	60.00	-	60.00	Expense Claim Reimbursment
SEVIERS AUTO SUPPLY	301.32	-	301.32	Routine Parts for Delano
SHERWIN WILLIAMS CO.	295.72	-	295.72	Paint for OC Yard
SMITH AUTO PARTS INC	260.49	-	260.49	Repair Parts for Pickup
SNAP ON TOOLS	734.06	-	734.06	Repair Parts for Pickup
SoCalGas	21.67	-	21.67	Utilities
SOUTHERN CALIF EDISON	1,982.66	-	1,982.66	Utilities
SPARKLETTS	58.49	-	58.49	Water Service - Kings River House
STATE WATER RESOURCES	2,572.00	-	2,572.00	NPDES - Annual Permit Fee
TELCION COMMUNICATIONS GROUP	1,284.07	-	1,284.07	Network Cable for OC Yard
TF TIRE & SERVICE	3,073.31	-	3,073.31	Tires (7), Repairs and Service
UNITED RENTALS, INC.	8,802.16	-	8,802.16	Dewatering Pumps
VALLEY IRON, INC.	652.56	-	652.56	Metal Materials for OC yard
VALLEY PACIFIC PETROLEUM SERVICES, INC.	17,306.88	-	17,306.88	Fuel
VERIZON WIRELESS	5,987.46	-	5,987.46	Cell Phone Charges
VULCAN MATERIALS COMPANY	540.68	-	540.68	Asphalt for Road Maintenance
WEISENBERGERS	1,338.62	-	1,338.62	Routine Supplies-Lindsay Yards
WESTAIR GASES & EQUIPMENT INC.	150.15	-	150.15	Welding Supplies for Delano

FRIANT WATER AUTHORITY EXPENDITURES TO BE RATIFIED/APPROVED

PAYEE	O&M FUND	GM FUND	TOTAL	DESCRIPTION
WEX BANK	518.32	-	518.32	Various Fuel Charges
WIENHOFF DRUG TESTING	1,425.00	-	1,425.00	Annual Consortium Membership
WORLD OIL ENVIRONMENTAL SERVICES	514.06	-	514.06	Parts Washer Service
WYNDHAM VISALIA	1,644.39	-	1,644.39	Employee Appreciation Luncheon
XEROX FINANCIAL SERVICES	1,676.06	-	1,676.06	Copier Lease
BILLS PAID NOVEMBER 25, 2019	\$ 556,536.94	\$ 68,680.71	\$ 625,217.64	
Total previously paid	81,319.57	17,917.72	99,237.29	
Grand total to be approved	637,856.51	86,598.43	724,454.93	
Total from Pump Back Grant			29,970.24	
Total from WIIN and SJRRP Grant			1,251,679.75	
Total from Temperance Flat MOU			0.00	
Grand Total			2,006,104.92	

FRIANT WATER AUTHORITY EXPENDITURES TO BE RATIFIED/APPROVED

GRANTS

PAYEE	PUMP BACK	WIIN	SJRRP	TEMPERANCE		TOTAL	DESCRIPTION
				FLAT			
BURKE, WILLIAMS & SORENSEN, LLP	\$ -	\$ 40,669.93	\$ -	\$ -	\$ -	\$ 40,669.93	Professional Services - August
FEDEX	-	41.36	-	-	-	41.36	Priority Overnight to Stantec
BILLS PAID NOVEMBER 08, 2019	\$ -	\$ 40,711.29	\$ -	\$ -	\$ -	\$ 40,711.29	
BANK OF AMERICA	\$ -	\$ 957.47	\$ -	\$ -	\$ -	\$ 957.47	Various Visa charges (Hotel and meal expenses)
BURKE, WILLIAMS & SORENSEN, LLP	175.00	675.00	-	-	-	850.00	Professional Services for September
INTRADO ENTERPRISE COLLABORATION, INC.	\$ 8.81	\$ -	\$ -	\$ -	\$ -	\$ 8.81	Conference Calls
OTTEMOELLER CONSULTING SERVICES, LLC	1,000.10	-	-	-	-	1,000.10	Consulting Services for October
STANTEC CONSULTING SERVICES INC.	\$ 28,786.33	\$ 1,206,493.79	\$ -	\$ -	\$ -	\$ 1,235,280.12	Consulting services for July-September
WATER AND POWER LAW GROUP PC	-	2,842.20	-	-	-	2,842.20	Professional Services-November
						-	
BILLS PAID NOVEMBER 25, 2019	\$ 29,970.24	\$ 1,210,968.46	\$ -	\$ -	\$ -	\$ 1,240,938.70	
GRAND TOTAL FOR NOVEMBER 2019	\$ 29,970.24	\$ 1,251,679.75	\$ -	\$ -	\$ -	\$ 1,281,649.99	

FWA Revenue Presentation

FY 2019 - 2020

Budget year:

8%

Completed

Operations & Maintenance	FY 2020 Budget	10/31/2019 Year to Date	Budget Remaining
Revenue			
Interest Income	106,000	-	106,000
Miscellaneous Income	-	1,871	(1,871)
Water Sales Revenue	-	-	-
Conveyance Fees	-	32,653	
Federal Grant Revenue	-	-	-
O & M Revenue	15,053,429	2,491,238	12,562,191
O & M Refunds to Districts (not included in totals)		-	
Total Revenue	15,159,429	2,525,763	12,666,319
Expenses			
Total Operations	2,100,521	162,920	1,937,601
Total Maintenance	10,456,130	392,695	10,063,435
Total Administration	2,496,778	234,255	2,262,522
Total O&M Expenses	15,053,429	789,870	14,263,558

General Member	FY 2020 Budget	10/31/2019 Year to Date	FY 2020 Remaining
Revenue			
Interest Income	-	-	-
GM Revenue	2,114,000	531,500	1,582,500
Miscellaneous	-	-	-
Associate Dues	-	-	-
Total Revenue	2,114,000	531,500	1,582,500
Total GM Expenses	2,114,000	142,103	1,971,897

FWA Budget Presentation

FY 2019 - 2020

Budget year: **8%** Completed

Operations & Maintenance	FY 2020 Budget	10/31/2019 Year to Date	Budget Remaining	Budget Spent %
Operations Dept				
Employee Salaries/Pay	941,076	66,469	874,607	7%
Employee Benefits	434,192	36,597	397,595	8%
Supplies & Services	725,253	59,854	665,399	8%
Total Operations	2,100,521	162,920	1,937,601	8%
Maintenance Dept				
Employee Salaries/Pay	2,081,633	176,333	1,905,300	8%
Employee Benefits	994,805	96,553	898,252	10%
Supplies & Services	7,379,692	119,810	7,259,882	2%
Total Maintenance	10,456,130	392,695	10,063,435	4%
Administration Allocation to O&M	2,132,339	234,255	1,898,083	11%
Administration Fixed Assets not allocated	364,439	-	364,439	0%
Total Operations & Maintenance	15,053,429	789,870	14,263,558	5%

General Member	FY 2020 Budget	10/31/2019 Year to Date	FY 2020 Remaining	Budget spent %
Employee Salaries/Pay with Benefits	736,000	81,274	654,726	11%
Other supplies and services	295,500	25,894	269,606	9%
Admin Allocation to GM	210,000	6,909	203,091	3%
General Counsel	10,000	-	10,000	0%
Outside Legal Consultants	309,500	11,654	297,846	4%
Other Consultants	553,000	16,372	536,628	3%
Total General Member	2,114,000	142,103	1,971,897	7%

Friant Water Authority
Budget vs Actual Expenses
10/31/2019

Budget year: **8%** Completed

	Total				Labor				Materials				
	Annual	YTD	% Of Bud	Projected	Budget	YTD	Projected	Budget	YTD	Projected	Budget	YTD	Projected
	Budget	Actual		Remaining		Actual			Remaining			Actual	Remaining
MAINTENANCE													
Vehicle & Equipment Service	\$ 736,462	\$ 69,083	9.4%	\$ 667,379	\$ 226,556	\$ 12,744	5.6%	\$ 213,812	\$ 509,906	\$ 56,338	11.0%	\$ 453,567	
Maintenance Supervision	328,514	28,974	8.8%	299,541	328,514	28,974	8.8%	299,541	-	-	0.0%	-	
Right-of-Way Management	23,012	6,431	27.9%	16,580	23,012	6,431	27.9%	16,580	-	-	0.0%	-	
Weed & Pest Control	675,694	22,687	3.4%	653,007	265,773	20,918	7.9%	244,855	409,921	1,769	0.4%	408,152	
Implem Biol. Opinion	42,634	891	2.1%	41,742	-	-	0.0%	-	42,634	891	2.1%	41,742	
Road Maintenance	203,791	12,600	6.2%	191,190	52,807	10,296	19.5%	42,511	150,983	2,304	1.5%	148,679	
Yard & Building Maintenance	265,821	18,175	6.8%	247,646	132,160	3,904	3.0%	128,256	133,661	14,271	10.7%	119,390	
Structure & Gate Maintenance	103,524	26,243	25.3%	77,281	72,692	22,932	31.5%	49,760	30,832	3,311	10.7%	27,521	
Cleaning Right-of-Way	44,874	2,110	4.7%	42,764	44,874	2,110	4.7%	42,764	-	-	0.0%	-	
Bargate & Guardrail Maint	53,951	2,979	5.5%	50,972	36,791	162	0.4%	36,629	17,159	2,816	16.4%	14,343	
Embankment Maintenance	62,517	7,132	11.4%	55,385	50,590	7,132	14.1%	43,457	11,927	-	0.0%	11,927	
Bridge Maintenance	74,129	11,132	15.0%	62,997	36,266	9,712	26.8%	26,554	37,863	1,421	3.8%	36,443	
Miscellaneous Maintenance	20,216	137	0.7%	20,078	4,952	120	2.4%	4,832	15,264	17	0.1%	15,246	
Concrete Lining Maintenance	8,614	-	0.0%	8,614	6,106	-	0.0%	6,106	2,508	-	0.0%	2,508	
Drainditch & Channel Maint.	26,553	1,091	4.1%	25,463	26,553	1,091	4.1%	25,463	-	-	0.0%	-	
Fence Maintenance	38,046	715	1.9%	37,331	30,586	-	0.0%	30,586	7,459	715	9.6%	6,745	
Mudjacking	14,464	-	0.0%	14,464	12,986	-	0.0%	12,986	1,478	-	0.0%	1,478	
Painting	56,021	795	1.4%	55,227	45,761	442	1.0%	45,319	10,261	353	3.4%	9,908	
Sump Pump Maintenance	1,907	-	0.0%	1,907	1,907	-	0.0%	1,907	-	-	0.0%	-	
Cross Drainage Structure Mtce	13,873	-	0.0%	13,873	13,873	-	0.0%	13,873	-	-	0.0%	-	
Rip-Rapping	6,566	-	0.0%	6,566	6,566	-	0.0%	6,566	-	-	0.0%	-	
USBR Pump Back Project	147,483	7,244	4.9%	140,240	22,483	857	3.8%	21,626	125,000	6,387	5.1%	118,613	
FKC Subsidence	5,000,000	59,132	1.2%	4,940,868	186,064	12,548	6.7%	173,515	4,813,936	46,584	1.0%	4,767,352	
FKC Capacity Correction	-	(26,961)	0.0%	-	-	-	0.0%	-	-	(26,961)	0.0%	-	
GSA Engagement	120,000	3,925	3.3%	116,075	-	-	0.0%	-	120,000	3,925	3.3%	116,075	
Operations Supervision	41,923	3,015	7.2%	38,908	41,923	3,015	7.2%	38,908	-	-	0.0%	-	
Water supply coordination & monitoring	13,383	-	0.0%	13,383	13,383	-	0.0%	13,383	-	-	0.0%	-	
Water Quality	-	432	0.0%	(432)	-	382	0.0%	(382)	-	50	0.0%	(50)	
FKC Title Transfer	669,831	3,499	0.5%	666,332	70,981	255	0.4%	70,726	598,850	3,244	0.5%	595,606	
Legal Expense - Direct	6,140	4,271	69.6%	1,869	-	-	0.0%	-	6,140	4,271	69.6%	1,869	
Safety & First Aid Training	82,419	1,769	2.1%	80,649	41,445	638	1.5%	40,807	40,974	1,131	2.8%	39,843	
Payroll Preparation	2,393	49	2.0%	2,344	2,393	49	2.0%	2,344	-	-	0.0%	-	
Meetings (General)	23,306	6,718	28.8%	16,588	12,031	6,113	50.8%	5,918	11,275	605	5.4%	10,670	
Meetings (Board of Directors)	9,844	2,894	29.4%	6,950	9,844	1,894	19.2%	7,950	-	1,000	0.0%	(1,000)	
Meetings (Sub Committee)	6,562	755	11.5%	5,808	6,562	749	11.4%	5,813	-	5	0.0%	(5)	
Meetings (Staff)	14,573	647	4.4%	13,926	13,036	647	5.0%	12,389	1,538	-	0.0%	1,538	
Education & Training	60,695	2,383	3.9%	58,312	32,115	2,149	6.7%	29,965	28,581	234	0.8%	28,347	
Miscellaneous Administrative	-	3,012	0.0%	(3,012)	-	3,012	0.0%	(3,012)	-	-	0.0%	-	
Procurement	8,856	419	4.7%	8,437	8,856	419	4.7%	8,437	-	-	0.0%	-	
Inventory & Property Mgt.	10,398	-	0.0%	10,398	10,398	-	0.0%	10,398	-	-	0.0%	-	
Employee Benefit (Holiday)	64,313	-	0.0%	64,313	64,313	-	0.0%	64,313	-	-	0.0%	-	
Employee Benefit (Sick Pay)	-	11,461	0.0%	(11,461)	-	8,745	0.0%	(8,745)	-	2,716	0.0%	(2,716)	
Employee Benefit (Vacation)	103,987	11,671	11.2%	92,316	103,987	7,892	7.6%	96,095	-	3,779	0.0%	(3,779)	
Employee Benefit (Jury Duty)	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%	-	
Travel	8,610	700	8.1%	7,910	-	-	0.0%	-	8,610	700	8.1%	7,910	
Personnel Administration	10,186	-	0.0%	10,186	10,186	-	0.0%	10,186	-	-	0.0%	-	
Retirement, Health Ins, PR Taxes	826,505	73,421	8.9%	753,084	-	-	0.0%	-	826,505	73,421	8.9%	753,084	
Utilities	77,181	8,718	11.3%	68,463	-	-	0.0%	-	77,181	8,718	11.3%	68,463	
Telephone Expense	12,911	2,347	18.2%	10,564	-	-	0.0%	-	12,911	2,347	18.2%	10,564	
Dues & Subscriptions	21,385	-	0.0%	21,385	-	-	0.0%	-	21,385	-	0.0%	21,385	
Budget Preparation	12,308	-	0.0%	12,308	12,308	-	0.0%	12,308	-	-	0.0%	-	
Vehicle & Equipment Acquisition	299,756	-	0.0%	299,756	-	-	0.0%	-	299,756	-	0.0%	299,756	
Services for outside contracts	-	-	0.0%	-	-	-	0.0%	-	-	-	0.0%	-	
TOTAL EXPENSES: MAINTENANCE	10,456,130	392,695	3.8%	10,036,474	2,081,633	176,333	8.5%	1,905,300	8,374,497	216,362	2.6%	8,131,174	

	Total			Labor			Materials					
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
WATER OPERATIONS												
Vehicle & Equipment Service	\$ 3,926	\$ 47	1.19%	\$ 3,880	\$ 2,121	\$ -	0.00%	\$ 2,121	\$ 1,806	\$ 47	2.59%	\$ 1,759
Yard & Building Maintenance	81,305	5,548	6.82%	75,756	16,853	2,923	17.34%	13,931	64,451	2,626	4.07%	61,826
Structure & Gate Maintenance	216,520	35,584	16.43%	180,936	44,245	2,857	6.46%	41,388	172,275	32,727	19.00%	139,548
Cleaning Right-of-Way	8,953	-	0.00%	8,953	8,284	-	0.00%	8,284	669	-	0.00%	669
Bargate & Guardrail Maint	5,068	-	0.00%	5,068	1,381	-	0.00%	1,381	3,687	-	0.00%	3,687
Sump Pump Maintenance	32,445	-	0.00%	32,445	-	-	0.00%	-	32,445	-	0.00%	32,445
C & I General Mtce	16,746	4,479	26.75%	12,267	16,077	4,035	25.10%	12,042	669	445	66.46%	224
C. & I. Maint (ESI Equipment)	257,193	20,554	7.99%	236,639	90,817	5,688	6.26%	85,129	166,376	14,866	8.94%	151,509
Meter Repair	181,068	5,230	2.89%	175,838	109,330	4,757	4.35%	104,572	71,738	473	0.66%	71,265
Canal Patrol	193,416	25,233	13.05%	168,183	193,416	25,207	13.03%	168,208	-	26	0.00%	(26)
Operations Reports	115,499	9,868	8.54%	105,632	113,326	9,868	8.71%	103,458	2,174	-	0.00%	2,174
Operations Supervision	42,415	4,207	9.92%	38,208	42,415	4,207	9.92%	38,208	-	-	0.00%	-
Water Measurement	67,703	315	0.47%	67,387	62,687	197	0.31%	62,489	5,016	118	2.35%	4,898
Miscellaneous Operations	4,241	2,446	57.67%	1,796	4,241	-	0.00%	4,241	-	2,446	0.00%	(2,446)
Water Quality	71,668	-	0.00%	71,668	57,906	-	0.00%	57,906	13,762	-	0.00%	13,762
Groundwater & Seepage Well Measurement	4,419	-	0.00%	4,419	4,419	-	0.00%	4,419	-	-	0.00%	-
Safety & First Aid Training	17,515	16	0.09%	17,500	8,866	157	1.77%	8,709	8,649	(141)	-1.63%	8,649
Payroll Preparation	509	-	0.00%	509	509	-	0.00%	509	-	-	0.00%	-
Water supply coordination & monitoring	163,853	1,639	1.00%	162,214	61,444	-	0.00%	61,444	102,409	1,639	1.60%	100,770
Meetings (General)	4,072	63	1.55%	4,009	4,072	63	1.55%	4,009	-	-	0.00%	-
Meetings (Staff)	4,433	132	2.97%	4,301	4,433	132	2.97%	4,301	-	-	0.00%	-
Education & Training	33,526	462	1.38%	33,064	14,538	462	3.18%	14,076	18,988	-	0.00%	18,988
Procurement	1,018	-	0.00%	1,018	1,018	-	0.00%	1,018	-	-	0.00%	-
Inventory & Property Mgt.	5,016	-	0.00%	5,016	5,016	-	0.00%	5,016	-	-	0.00%	-
Employee Benefit (Holiday)	26,599	-	0.00%	26,599	26,599	-	0.00%	26,599	-	-	0.00%	-
Employee Benefit (Sick Pay)	-	6,619	0.00%	(6,619)	-	3,641	0.00%	(3,641)	-	2,978	0.00%	(2,978)
Employee Benefit (Vacation)	46,044	4,730	10.27%	41,314	46,044	2,275	4.94%	43,769	-	2,455	0.00%	(2,455)
Retirement, Health Ins, PR Taxes	361,549	25,248	7.0%	336,301	-	-	0.0%	-	361,549	25,248	7.0%	336,301
Utilities	26,753	5,814	21.73%	20,938	-	-	0.00%	-	26,753	5,814	21.73%	20,938
Telephone Expense	57,491	4,686	8.15%	52,805	-	-	0.00%	-	57,491	4,686	8.15%	52,805
Postage	564	-	0.00%	564	-	-	0.00%	-	564	-	0.00%	564
Budget Preparation	1,018	-	0.00%	1,018	1,018	-	0.00%	1,018	-	-	0.00%	-
Vehicle & Equipment Acquisition	47,975	-	0.00%	47,975	-	-	0.00%	-	47,975	-	0.00%	47,975
Services for outside contracts	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-
TOTAL EXPENSES: WATER OPERATIONS	\$ 2,100,521	\$ 162,920	7.8%	\$ 1,937,601	\$ 941,076	\$ 66,469	7.1%	\$ 874,607	\$ 1,159,446	\$ 96,451	8.3%	\$ 1,062,853

Friant Water Authority
Budget vs Actual Expenses
10/31/2019

Budget year: **8%** Completed

	Total			Labor			Materials					
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
ADMINISTRATION												
USBR Pump Back Project	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
FKC Subsidence	-	110	0.00%	(110)	-	110	0.00%	(110)	-	-	0.00%	-
C. & I. Maint (ESI Equipment)	12,888	3,551	27.55%	9,338	12,888	3,551	27.55%	9,338	-	-	0.00%	-
Water supply coordination & monitoring	12,241	372	3.04%	11,869	12,241	372	3.04%	11,869	-	-	0.00%	-
Administrative Supervision	12,888	1,787	13.87%	11,101	12,888	1,787	13.87%	11,101	-	-	0.00%	-
Safety & First Aid Training	18,108	2,183	12.05%	15,926	5,524	143	2.59%	5,381	12,584	2,040	16.21%	10,544
Office Admin (Typing etc.)	256,145	17,213	6.72%	238,932	256,145	17,173	6.70%	238,972	-	40	0.00%	(40)
Payroll Preparation	8,041	814	10.12%	7,227	8,041	814	10.12%	7,227	-	-	0.00%	-
Meetings (General)	15,593	629	4.04%	14,963	5,654	-	0.00%	5,654	9,938	629	6.33%	9,309
Meetings (Board of Directors)	158,204	21,464	13.57%	136,740	9,939	819	8.24%	9,120	148,265	20,645	13.92%	127,620
Meetings (Sub Committee)	70,732	4,316	6.10%	66,416	8,595	425	4.94%	8,170	62,137	3,891	6.26%	58,246
Meetings (Staff)	26,942	1,417	5.26%	25,526	6,442	1,219	18.92%	5,223	20,500	198	0.96%	20,302
Education & Training	42,682	469	1.10%	42,213	6,295	57	0.91%	6,238	36,388	412	1.13%	35,976
Miscellaneous Administrative	4,213	124	2.95%	4,088	1,426	-	0.00%	1,426	2,786	124	4.46%	2,662
Inventory & Property Mgt.	2,178	-	0.00%	2,178	2,178	-	0.00%	2,178	-	-	0.00%	-
Employee Benefit (Holiday)	28,555	-	0.00%	28,555	28,555	-	0.00%	28,555	-	-	0.00%	-
Employee Benefit (Sick Pay)	-	2,486	0.00%	(2,486)	-	1,994	0.00%	(1,994)	-	492	0.00%	(492)
Employee Benefit (Vacation)	41,726	4,458	10.68%	37,269	41,726	5,314	12.73%	36,413	-	(856)	0.00%	-
Data Processing	190,621	4,988	2.62%	185,633	55,678	2,942	5.28%	52,736	134,943	2,047	1.52%	132,897
Travel	16,700	231	1.38%	16,469	-	-	0.00%	-	16,700	231	1.38%	16,469
Accounting & Auditing	356,069	23,705	6.66%	332,364	338,069	23,705	7.01%	314,364	18,000	-	0.00%	18,000
Personnel Administration	140,430	7,272	5.18%	133,158	69,096	6,136	8.88%	62,960	71,335	1,137	1.59%	70,198
Retirement, Health Ins, PR Taxes	330,831	24,847	7.51%	305,985	-	-	0.00%	-	330,831	24,847	7.51%	305,985
Liability Insurance	139,400	88,610	63.57%	50,790	-	-	0.00%	-	139,400	88,610	63.57%	50,790
Workers Compensation Insurance	120,000	6,627	5.52%	113,373	-	-	0.00%	-	120,000	6,627	5.52%	113,373
Utilities	45,756	4,874	10.65%	40,882	-	-	0.00%	-	45,756	4,874	10.65%	40,882
Telephone Expense	24,815	5,215	21.02%	19,600	-	-	0.00%	-	24,815	5,215	21.02%	19,600
Office Supplies	76,957	5,591	7.26%	71,366	-	-	0.00%	-	76,957	5,591	7.26%	71,366
Employee Incentives & Awards	20,500	-	0.00%	20,500	-	-	0.00%	-	20,500	-	0.00%	20,500
Postage	4,510	-	0.00%	4,510	-	-	0.00%	-	4,510	-	0.00%	4,510
Dues & Subscriptions	123,422	4,461	3.61%	118,962	-	-	0.00%	-	123,422	4,461	3.61%	118,962
Budget Preparation	14,595	-	0.00%	14,595	14,595	-	0.00%	14,595	-	-	0.00%	-
Lease office equipment	24,877	3,352	13.47%	21,525	-	-	0.00%	-	24,877	3,352	13.47%	21,525
Vehicle & Equipment Acquisition	364,439	-	0.00%	364,439	-	-	0.00%	-	364,439	-	0.00%	364,439
Admin Reimb - GM Fund	(208,282)	(6,909)	3.32%	(208,282)	-	-	0.00%	-	(208,282)	(6,909)	3.32%	(208,282)
TOTAL EXPENSES: ADMINISTRATION	\$ 2,496,778	\$ 234,255	9.4%	\$ 2,255,613	\$ 895,976	\$ 66,560	7.4%	\$ 829,416	\$ 1,600,802	\$ 167,696	10.5%	\$ 1,425,341

Administration Total Allocated out

O&M 93% 234,619
GM 7% 6,909

BUDGET ITEM	FYE 9/30/20 BUDGET AMT	CURRENT YTD FWA	PROJECTED REMAINING	CURRENT YTD NON-LABOR
CARRY OVER ITEMS FY 2019				
Vehicles				
Motor & Gearboxes Upgrades				
TOTAL CARRY OVER ITEMS FY 2019	-	-	-	-

	Total				Labor				Materials			
	Annual Budget	YTD Actual	% Of Bud	Projected Remaining	Budget	YTD Actual	Projected Remaining	Budget	YTD Actual	Projected Remaining		
GENERAL MEMBERSHIP												
Water Quality	\$ -	\$ -	n/a	n/a		\$ -	n/a	n/a		\$ -	n/a	n/a
Employee Benefit (Sick Pay)	-	3,253	n/a	n/a		2,861	n/a	n/a		392	n/a	n/a
Employee Benefit (Vacation)	-	7,092	n/a	n/a		209	n/a	n/a		6,883	n/a	n/a
Travel	-	2,150	n/a	n/a		-	n/a	n/a		2,150	n/a	n/a
Retirement, Health Ins, PR Taxes	-	16,674	n/a	n/a		-	n/a	n/a		16,674	n/a	n/a
City of Fresno vs USA (JDA)	-	150	n/a	n/a		-	n/a	n/a		150	n/a	n/a
General Membership Administrative Costs	-	35,733	n/a	n/a		20,367	n/a	n/a		15,366	n/a	n/a
Administration Allocation	-	6,909	n/a	n/a		-	n/a	n/a		6,909	n/a	n/a
Water Supply Management - General Implementation	-	886	n/a	n/a		605	n/a	n/a		281	n/a	n/a
Friant Supply, Tracking, Policies, and Defense	-	3,636	n/a	n/a		-	n/a	n/a		3,636	n/a	n/a
Delta Supply, Tracking, Policies, and Defense	-	19,364	n/a	n/a		7,620	n/a	n/a		11,743	n/a	n/a
San Joaquin Settlement	-	7,968	n/a	n/a		1,419	n/a	n/a		6,550	n/a	n/a
Reconsultation (CVP/SWP LTO)	-	699	n/a	n/a		699	n/a	n/a		-	n/a	n/a
Friant Sustainability Plan	-	10	n/a	n/a		-	n/a	n/a		10	n/a	n/a
Special Projects	-	383	n/a	n/a		383	n/a	n/a		-	n/a	n/a
NASA Airborne Snow Observatory	-	492	n/a	n/a		823	n/a	n/a		(331)	n/a	n/a
Organization & Governance	-	1,349	n/a	n/a		1,349	n/a	n/a		-	n/a	n/a
Friant Member & Grower Coordination	-	12,341	n/a	n/a		2,655	n/a	n/a		9,686	n/a	n/a
Grants & Funding Development	-	144	n/a	n/a		-	n/a	n/a		144	n/a	n/a
Outreach & Engagement	-	5,228	n/a	n/a		5,207	n/a	n/a		21	n/a	n/a
Legislative Affairs	-	3,626	n/a	n/a		2,404	n/a	n/a		1,222	n/a	n/a
External Affairs	-	6,304	n/a	n/a		4,740	n/a	n/a		1,565	n/a	n/a
SJV Blue Print	-	3,951	n/a	n/a		3,039	n/a	n/a		911	n/a	n/a
Communications & Media Relations	-	2,411	n/a	n/a		2,366	n/a	n/a		45	n/a	n/a
TOTAL EXPENSES: GENERAL MEMBERSHIP	\$ -	\$ 142,103	n/a	\$ -	\$ -	\$ 57,328	n/a	\$ -	\$ -	\$ 84,775	n/a	\$ -

General Membership Summary

Outside Legal Consultants	309,500	11,654	297,846	4%
Other Consultants				
Resources Consulting	91,000	3,069	87,931	3%
Steve Ottemoeller	27,000	4,953	22,047	18%
Biologist	35,000	795	34,205	2%
Kan Ventures	65,500	-	65,500	0%
Operations and planning analyst	-	8,454	(8,454)	0%
WDC Lobbyist	43,000	-	43,000	0%
Sacramento Lobbyist	40,000	(900)	40,900	-2%
Public Relations Consultant	40,500	-	40,500	0%
CDTFA - State Water Res. Control Board	52,000	-	52,000	0%
Family Farm Alliance	15,000	-	15,000	0%
CVPWA dues	44,000	-	44,000	0%
SJV Blueprint	15,000	-	15,000	0%
Science Funding	50,000	-	50,000	0%
Temperance Flat Reservoir Authority	35,000	-	35,000	0%
Total Other Consultants	553,000	16,372	536,629	3%
Other Supplies & Services	295,500	25,894	269,606	9%
Total Other Supplies & Services	295,500	25,894	269,606	9%
General Counsel	10,000	-	10,000	0%
Staff Payroll & Benefits	736,000	81,274	654,726	11%
Admin Allocation	210,000	6,909	203,091	3%
Total GM	2,114,000	142,103	1,971,897	7%

FRIANT WATER AUTHORITY

CASH ACTIVITY BALANCE MONTH ENDING OCTOBER 31, 2019

	Beginning Balance	Increases	Decreases	Ending Balance
FKC Operations & Maintenance	\$ 3,767,529	\$ 2,272,394	\$ (1,644,988)	\$ 4,394,936
SLDMWA	\$ 2,706,854	\$ 485,322	\$ (483,895)	\$ 2,708,281
Total	\$ 6,474,383	\$ 2,757,716	\$ (2,128,883)	\$ 7,103,216
General Member	\$ 207,489	\$ 455,412	\$ (175,263)	\$ 487,638
Temperence Flat MOU project	\$ 697,368	\$ -	\$ -	\$ 697,368
			Total	\$ 8,288,223

BANK ACTIVITY BALANCE MONTH ENDING OCTOBER 31, 2019

Local Agency Investment Fund	\$ 6,928,558	\$ 1,000,000	\$ -	\$ 7,928,558
Bank of the Sierra	\$ 450,682	\$ 2,213,128	\$ (2,304,146)	\$ 359,665
			Total	\$ 8,288,223

Note: Interest earned Quarter Ending 09/30/2019 = \$40,343

NOTE: Cash on deposit with LAIF represents the consolidation of available balances held by all FWA funds. Most Current Interest Rate: For month ended October 31, 2019, effective yield, 2.45%
Total LAIF fund as of October 31, 2019: \$24,835,932,453.39

The Authority's investments are in compliance with its Statement of Investment Policy dated July 22, 2004.
Management believes it is fully able to meet its expenditure requirements for the next six months.

**FRIANT WATER AUTHORITY
O&M FUND
CASH ACTIVITY REPORT
MONTH ENDING OCTOBER 31, 2019**

	<u>Checking & Investments</u>	<u>Payroll Checking</u>	<u>Petty Cash</u>	<u>Total</u>
CASH BALANCE SEPTEMBER 30, 2019	\$ 6,478,441	\$ (4,860)	\$ 801	\$ 6,474,383
Increases:				
District O&M receipts	1,903,862	-	-	1,903,862
SLDMWA receipts	416,478	-	-	416,478
Wutchumma-Warren Act	32,653	-	-	32,653
Miscellaneous deposits	3,309	-	-	3,309
Interest received from Bank of the Sierra	91	-	-	91
Administration Allocation	6,909	-	-	6,909
Payroll deposits	-	394,415	-	394,415
Total Increases	<u>2,363,302</u>	<u>394,415</u>	<u>-</u>	<u>2,757,716</u>
Decreases:				
O&M Expenditures	594,380	-	-	594,380
Pump Back Project Expenditures	5,203	-	-	5,203
Subsidence Project Expenditures	1,375	-	-	1,375
Wire to SLDMWA (WY2019)	483,895	-	-	483,895
PID-Recapture of restoration flows	260,010	-	-	260,010
Bank charges	50	-	-	50
Payroll Cash Outlays	394,415	389,555	-	783,969
Total Decreases	<u>1,739,328</u>	<u>389,555</u>	<u>-</u>	<u>2,128,883</u>
CASH BALANCE BEFORE INTERFUND ACTIVITY	<u>7,102,415</u>	<u>-</u>	<u>801</u>	<u>7,103,216</u>
Interfund transfer from O&M	-	-	-	-
CASH BALANCE OCTOBER 31, 2019	<u>\$ 7,102,415</u>	<u>\$ -</u>	<u>\$ 801</u>	<u>\$ 7,103,216</u>

**FRIANT WATER AUTHORITY
GENERAL MEMBERS FUND
CASH ACTIVITY REPORT
MONTH ENDING OCTOBER 31, 2019**

CASH BALANCE SEPTEMBER 30, 2019		\$ 207,489
Increases:		
Member Assessments	455,412	
Total Cash Receipts		\$ 455,412
Decreases:		
Consulting	29,818	
Office Supplies	1,243	
Meetings	17,772	
Rent & Facility Expense	6,996	
Utilities	617	
Professional Services	16,514	
Other Payroll Benefits	13,636	
Reimburse O&M:		
Current Month Payroll & Benefits	81,757	
Administration Allocation	6,909	
Less Total Cash Disbursements		\$ 175,263
CASH BALANCE BEFORE INTERFUND ACTIVITY		\$ 487,638
Interfund transfer from O&M		\$ -
CASH BALANCE OCTOBER 31, 2019		\$ 487,638

**FRIANT WATER AUTHORITY
TEMPERANCE FLAT MOU PROJECT
CASH ACTIVITY REPORT
MONTH ENDING OCTOBER 31, 2019**

CASH BALANCE SEPTEMBER 30, 2019		\$ 697,368
Increases:		
No increases	-	
Total Cash Receipts		\$ -
Decreases:		
No decreases		
Less Total Cash Disbursements		\$ -
CASH BALANCE OCTOBER 31, 2019		\$ 697,368

In-Kind Contribution (See Note)		\$ 100,000
Staff		
J. Payne	39,004	
S. Ottemoeller	191	
Consultants	-	
Burke Williams	43,050	
Bill Luce Consulting	2,719	
Other costs	6,559	

Note: All FWA spending Expensed
Refund will be proportioned

In-Kind Contribution thru: OCTOBER31,2019		\$ 91,522
In-Kind Contribution balance		\$ 8,478

FRIANT WATER AUTHORITY
MONTH ENDING OCTOBER 31, 2019
CASH ACTIVITY REPORT
LOCAL AGENCY INVESTMENT FUND (L.A.I.F.)
(FUNDS ON DEPOSIT WITH STATE OF CALIFORNIA)
CASH ACTIVITY REPORT

CASH BALANCE SEPTEMBER 30, 2019	\$	<u>6,928,558</u>
Increases:		
Transfer from checking	\$	1,000,000
Decreases:		
Transfer to checking	\$	<u>-</u>
CASH BALANCE OCTOBER 31, 2019	\$	<u><u>7,928,558</u></u>

Balance ascribed to:		
O&M Fund	\$	6,794,975
General Member Fund & Temp Flat	\$	<u>1,133,584</u>
	\$	<u><u>7,928,558</u></u>

Note: Interest earned Quarter Ending 09/30/2019 = \$40,343

NOTE: Cash on deposit with LAIF represents the consolidation of available balances held by all FWA funds. Most Current Interest Rate: For month ended October 31, 2019, effective yield, 2.45%

Total LAIF fund as of October 31, 2019: \$24,835,932,453.39

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.

AGENDA REPORT

NO. 13.A

DATE: December 13, 2019

TO: Friant Water Authority, Board of Directors

FROM: Toni Marie, Board Recording Secretary

SUBJECT: Adopt Resolution No. 2019-05 A Resolution of the Friant Water Authority Board of Directors Setting its 2020 Regular meeting Dates

SUMMARY:

The Board of Directors meeting dates are set annually. The attached Resolution of the Friant Water Authority No. 2019-05 and its Exhibit A memo includes the meeting dates and times for the 2020 calendar year as recommended by Staff.

RECOMMENDED ACTION:

It is recommended that the Board of Directors review and consider for adoption the Resolution for the meeting dates for 2020.

SUGGESTED MOTION:

Motion to adopt Resolution No. 2019-05 setting the Friant Board of Directors 2020 meeting dates and locations.

ATTACHMENTS:

Resolution No. 2019-05
Exhibit A Memo – Board of Directors Meeting Dates for 2020
For information only – Executive Committee Meeting Dates Memo; Finance Committee Meeting Dates Memo; and Friant Division Managers Meeting Dates Memo

Resolution No. 2019-05

**A Resolution of the Friant Water Authority Board of Directors
Setting Its 2020 Regular Meeting Dates**

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

WHEREAS, the Board of Directors has determined to establish the time and location for its regular meeting for the year 2020,

NOW, THEREFORE, BE IT RESOLVED that during 2020, the regular meetings of the Board of Directors of the Friant Water Authority will be held in Tulare County, California, commencing at 9:00 a.m., on the dates set forth on the schedule attached hereto and marked as Exhibit A; and

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

PASSED AND ADOPTED by the Board of Directors of the Friant Water Authority on December 13, 2019.

Chris Tantau, Chair of the Board of Directors

ATTEST:

Cliff Loeffler, Secretary/Treasurer
Friant Water Authority

I , Cliff Loeffler, Secretary/Treasurer of the Friant Water Authority, certify that Resolution No. 2019-05 was duly adopted by the Board of Directors of the Friant Water Authority at a regular meeting held a December 13, 2019,by the following vote: .

AYES:

NOES:

ABSENT:

Cliff Loeffler, Secretary/Treasurer
Friant Water Authority

MEMORANDUM

DATE: December 13, 2019
TO: Board of Directors
FROM: Toni Marie, Executive Secretary
SUBJECT: BOARD OF DIRECTORS MEETING DATES FOR 2020

The Board of Directors meets every 4th Thursday of the month at 9:00 a.m. except as noted. There is no Board of Directors meeting in November. Below is a schedule showing dates and times. The location for the meetings will be at the International Agri-Center located at 4500 S. Laspina St., located in Tulare, CA

*Thursday	January 16	9:00 a.m. – 4:00 p.m.	Changed due to Mid-Pacific Regional Conference January 22-24. Held at the Visalia Convention Center
Thursday	February 27	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	March 26	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	April 23	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	May 28	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	June 25	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	July 23	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	August 27	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	September 24	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Thursday	October 22	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare
Friday	December 11	9:00 a.m. – 4:00 p.m.	Held at Intl’ Agri-Center, Tulare

*Changed due to Mid-Pacific Regional Conference January 22-24
 Dates to Remember:
 Mid-Pacific Regional Conference, January 22-24, Reno
 Family Farm Alliance Conference, February 20-21, Reno
 ACWA Spring Conference, May 5--8, Monterey
 ACWA Fall Conference, December 1-4, Indian Wells
 November BOD will be combined with the December 11 BOD meeting

MEMORANDUM

DATE: October 14, 2019
TO: Executive Committee
cc: Board of Directors
FROM: Toni Marie, Executive Secretary
SUBJECT: EXECUTIVE COMMITTEE MEETING DATES FOR 2020

The Executive Committee meets the Monday before the 4th Thursday of the month (the week prior to the Board of Directors meeting) at 9:00 a.m. except as noted. Below is a schedule showing dates, times and locations for the coming year:

*Monday	No January 13	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
**Monday	February 10	9:00 a.m. – 11:00 a.m.	FWA, President’s Day is on February 17 th .
Monday	March 16	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	April 13	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	May 18	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	June 15	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	July 13	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	August 17	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	September 14	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	October 12	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	November 16	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay
Monday	No Dec Mtg	9:00 a.m. – 11:00 a.m.	FWA Conference Room Lindsay

* Changed due to Board meeting being held same week

**Change due to President’s Day on February 17th

Dates to Remember:

- Mid-Pacific Regional Conference, January 22-24, Reno
- Family Farm Alliance Conference, February 20-21, Reno
- ACWA Spring Conference, May 5--8, Monterey ACWA
- Fall Conference, December 1-4, Indian Wells



MEMORANDUM

DATE: November 25, 2018
TO: Finance Committee
FROM: Toni Marie, Executive Secretary
SUBJECT: FINANCE COMMITTEE MEETING DATES FOR 2020

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

*Monday	January 27	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	February 24	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	March 23	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	April 20	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
**Tuesday	May 26	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	June 22	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	July 20	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	August 24	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	September 21	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	October 19	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	November 23	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm
Monday	December 21	1:30 p.m. – 3:00 p.m.	Held in Lindsay Conference Rm

*Changed due to Mid-Pacific Regional Conference, January 22-24

** Changed due to Memorial Day, May 25

Dates to Remember:

- Mid-Pacific Regional Conference, January 22-24, Reno
- Family Farm Alliance Conference, February 20-21, Reno
- ACWA Spring Conference, May 5--8, Monterey
- ACWA Fall Conference, December 1-4, Indian Wells



MEMORANDUM

DATE: November 8, 2019
TO: Friant Division Managers Meeting Participants
FROM: Toni Marie, Executive Secretary
SUBJECT: FRIANT DIVISION MANAGERS' MEETING DATES FOR 2020

Below is a schedule showing dates and times. The location for the meetings will be held at the Visalia Convention Center.

Friday	January 10	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	February 14	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	March 13	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	April 10	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
*Friday	May 1	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	June 12	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	July 10	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	August 14	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	September 11	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	October 9	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Friday	November 13	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation
Monday	December 7	10:00 a.m. – Noon, Room Kings Canyon 10:30 a.m. Bureau of Reclamation

*Changed due to ACWA Spring Conference May 5-8
 Dates to Remember:
 Mid-Pacific Regional Conference, January 22-24, Reno
 Family Farm Alliance Conference, February 20-21, Reno
 ACWA Spring Conference, May 5--8, Monterey
 ACWA Fall Conference, December 1-4, Indian Wells
 November BOD will be combined with the December 11 BOD meeting

DATE: December 13, 2019
TO: Board of Directors
FROM: Don Willard, CFO
SUBJECT: Fiscal Year 2020 - January 1, 2020 - General Membership Call-for-Funds

SUMMARY:

The Board of Directors approved the Fiscal Year 2020 General Membership Budget at the August 22, 2019 meeting. Consistent with the adopted Budget, Staff is recommending a January 1, 2020 Call-for-Funds, for the General Membership in the amount of \$528,500 to fund activities for the second quarter of FY 2020.

An Exhibit A - Call-for-Funds is attached for your review. The "Exhibit A" delineates the amount to be invoiced for each member district, it has been adjusted to reflect the addition of returning members Lower Tule River Irrigation District and Tea Pot Dome Water District.

In addition, there is a credit for those invoiced on October 1, 2019. This a correction for the first quarter. The Associate Membership fees of \$3,000 were not taken into account for the billing allocation and therefore resulted in an over-billing of that amount on the October 1, 2019 invoices.

DISCUSSION:

The attached Exhibit A indicates the amounts that will be invoiced to each General Member. Should the Call-for-Funds be approved by the Board, the invoices will be prepared and sent out by January 1, 2020 and would be due by January 31, 2020. Due to the early Board meeting date, the Finance Committee had not met this month. Chair Tantau and Director/Treasurer Loeffler have reviewed this item, however, and indicated their support.

RECOMMENDED ACTION:

The Board of Directors approve the FY 2020, January 1, 2020 Call-for-Funds in the amount of \$528,500 for the second quarter per the Exhibit A for the General Member Budget for FY 2020.

SUGGESTED MOTION:

A motion to direct Staff to invoice for a Call-for-Funds on January 1, 2020 in the amount of \$528,500 that is consistent with Exhibit A associated with the approved General Member Budget for FY 2020, to be due by January 31, 2020.

BUDGET IMPACT:

\$528,500 in Cash Receipts to fund FY 2020 second quarter General Member activities.

ATTACHMENTS: FY 2020 General Member Budget - Exhibit A.

Friant Water Authority Exhibit "A" for General Member Budget GENERAL MEMBER ALLOCATION Fiscal Year Ending September 30, 2020	Water %	50.00%	October 1 525,500 January 1 525,500 April 1 525,500 *Final 525,500 Call for Funds 2,102,000
	Equal %	50.00%	
	Total	100.00%	

District	CLASS I	CLASS I TIMES 2	CLASS II	2 X CLASS I PLUS CLASS II	CONTRACT WATER PERCENT	EQUAL ALLOCATION PERCENT	TOTAL ALLOCATION PERCENT	October 1 Call for Funds	January 1** Call for Funds	April 1 Call for Funds	Final Call for Funds	Total Call for Funds	First Qtr Credit
Arvin-Edison	40,000	80,000	311,675	391,675	8.828%	3.125%	11.953%	75,012.94	62,384.96	62,810.77	62,810.77	263,019.45	(3,000.00)
City of Fresno	60,000	120,000		120,000	2.705%	3.125%	5.830%	36,074.34	30,429.57	30,634.34	30,634.34	127,772.59	(425.81)
Chowchilla WD	55,000	110,000	160,000	270,000	6.085%	3.125%	9.210%	57,573.52	48,073.11	48,399.92	48,399.92	202,446.48	(204.77)
Fresno ID		0	75,000	75,000	1.690%	3.125%	4.815%	29,624.59	25,136.50	25,304.67	25,304.67	105,370.43	(326.81)
Kaweah Delta WCD	1,200	2,400	7,400	9,800	0.221%	3.125%	3.346%	20,279.61	17,467.44	17,582.56	17,582.56	72,912.18	(168.16)
Kern-Tulare		0	5,000	5,000	0.113%	3.125%	3.238%	19,591.64	16,902.85	17,014.06	17,014.06	70,522.61	(115.12)
Lindmore	33,000	66,000	22,000	88,000	1.983%	3.125%	5.108%	31,487.85	26,665.61	26,844.35	26,844.35	111,842.16	(111.21)
Lindsay-Strathmore	27,500	55,000		55,000	1.240%	3.125%	4.365%	26,758.03	22,784.03	22,935.92	22,935.92	95,413.91	(178.74)
Lower Tule River	61,200	122,400	238,000	360,400	8.123%	3.125%	11.248%		59,106.65	59,106.65	59,106.65	177,319.94	(151.89)
Madera ID	85,000	170,000	186,000	356,000	8.024%	3.125%	11.149%	69,899.72	58,188.74	58,585.52	58,585.52	245,259.51	
Orange Cove	39,200	78,400		78,400	1.767%	3.125%	4.892%	30,111.90	25,536.42	25,707.35	25,707.35	107,063.03	(396.78)
Porterville	15,000	30,000	30,000	60,000	1.352%	3.125%	4.477%	27,474.67	23,372.15	23,528.11	23,528.11	97,903.04	(170.93)
Saucelito	21,500	43,000	32,800	75,800	1.708%	3.125%	4.833%	29,739.25	25,230.60	25,399.42	25,399.42	105,768.69	(155.96)
Tea Pot Dome	7,200	14,400		14,400	0.325%	3.125%	3.450%		18,127.37	18,127.37	18,127.37	54,382.11	(168.81)
Terra Bella	29,000	58,000		58,000	1.307%	3.125%	4.432%	27,188.02	23,136.90	23,291.23	23,291.23	96,907.39	
Tulare	30,000	60,000	141,000	201,000	4.530%	3.125%	7.655%	47,683.90	39,957.08	40,227.76	40,227.76	168,096.49	(154.33)
Totals	504,800	1,009,600	1,208,875	2,218,475	50.000%	50.000%	100.000%	528,500.00	522,500.00	525,500.00	525,500.00	2,102,000.00	(3,000.00)

*Final Call for Funds will be adjusted for actual carryover number

**Reflects credit for First Quarter correction for omission of Hills Valley Associate Membership fees billed on October 1, 2019.

DATE: December 13, 2019

TO: Board of Directors

FROM: Donald M. Davis, General Counsel

SUBJECT: **Approval of Stewardship and Oversight Agreement on Land Acquisition with the Bureau of Reclamation for the Friant-Kern Canal Middle Reach Capacity Correction Project**

SUMMARY:

Because the Friant-Kern Canal (FKC) is a federally-owned facility and the FKC Middle Reach Capacity Correction Project (Project) is receiving federal funding, the Bureau of Reclamation (Reclamation) is responsible for providing stewardship and oversight of real property acquisition activities related to the Project to ensure compliance of applicable federal laws, rules and regulations. Reclamation and FWA have negotiated a Stewardship and Oversight Agreement (S&O Agreement) that summarizes each side's role and responsibilities with respect to Project-related real estate acquisitions and activities.

RECOMMENDED ACTION:

The Board authorize the CEO to execute the S&O Agreement.

SUGGESTED MOTION:

I move that the Board authorize the CEO to execute the S&O Agreement.

DISCUSSION:

Based on the current preferred plan for the Project, which in addition to enlarging certain segments of the FKC will require the acquisition of additional right-of way to construct a realigned canal segment, FWA is required to enter into an agreement with Reclamation outlining the applicable federal laws, rules, regulations applicable to such real property activities, as well as the process and responsibilities of FWA and Reclamation. Reclamation and FWA staff have negotiated the attached S&O Agreement, which also includes a draft Real Estate Plan (REP) that operates very much like a feasibility study in terms of outlining the acquisition process and a detailed budget. (Because the REP includes preliminary costs estimates for the right of way to be acquired it is not included for public review.)

Attachment A of the S&O Agreement contains a flow chart of the entire acquisition process followed by a Project Action Responsibility Matrix that describes the various steps in more detail and the respective agency's responsibilities. A brief review of these documents would provide a good overview of the process.

BUDGET IMPACT:

The costs of support services being provided by BRI, Stantec, and BWS (legal) are covered by the existing Project budget. As previously discussed, the actual acquisition of property will not occur until after approval of the Project's NEPA/CEQA documents and additional funding is secured.

ATTACHMENTS:

Stewardship and Oversight Agreement

**STEWARDSHIP AND OVERSIGHT AGREEMENT
ON LAND ACQUISITION AND PROGRAM OVERSIGHT BY AND
BETWEEN
BUREAU OF RECLAMATION, MID-PACIFIC REGION AND
THE FRIANT WATER AUTHORITY**

SECTION I. BACKGROUND AND INTRODUCTION

- A The Friant-Kern Canal (FKC) is a federally constructed appurtenant works of the Central Valley Project (CVP) Act of 1937.
- B The Bureau of Reclamation (Reclamation) and the Friant Water Authority (FWA), a California joint powers authority, have long worked as partners to deliver water in accordance with Federal water service contract requirements via the FKC.
- C The FKC has lost over 50% of its capacity primarily as a result of land subsidence impacting the ability to operate the facility as designed and constructed.
- D In coordination with Reclamation, FWA is developing alternatives to restore capacity to the FKC through a project referred to as the FKC Middle Reach Capacity Correction Project (Project). All Project action alternatives include acquisition of land or an interest in land.
- E Reclamation is directed to implement all the actions included in the Department of Transportation regulations at 49 C.F.R. part 24 promulgated for implementation of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Pub. L. 91-646; 84 Stat. 1894; 42 U.S.C. § 4601, et seq.).
- F FWA is the non-Federal operating entity who is under contract with Reclamation (Contract No. 8-07-20-X0356) to operate, maintain, repair or replace the FKC and related facilities on behalf of Reclamation and the Federal government.
- G 49 CFR Part 24.101 requires the “*program and project receiving federal financial assistance...*” to apply the regulations for, “*any acquisition of real property for programs and projects where there is Federal financial assistance in any part of project costs.*” Therefore, it is Reclamation’s responsibility to provide stewardship and oversight of real property acquisition activities to ensure compliance of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Pub. L. 91-646; 84 Stat. 1894; 42 U.S.C. § 4601, et seq.) and the Department of Transportation regulations at 49 C.F.R. Part 24.

H The scope of Reclamation’s responsibilities has developed over time. The U.S. Secretary of Interior delegated authority to the Commissioner of the Bureau of Reclamation. The following legislation further outlines the Commissioner’s responsibilities:

- The Reclamation Act, June 17, 1902 (ch. 1093; 32 Stat. 388; 43 USC 391 et seq.);
- Central Valley Project, California, and Colorado River Project, Texas, August 26, 1937 (Pub. L. 75-392; 50 Stat. 844);
- Reclamation Project Act of 1939, August 4, 1939 (Pub. L. 76-260; 53 Stat. 1187);
- Omnibus Public Land Management Act of 2009, March 30, 2009 (Pub. L. 111-11; 123 Stat. 991); and
- San Joaquin River Restoration Settlement Act of 2009, March 30, 2009 (Pub. L. 111-11, Title X)

I The Commissioner’s authority has been redelegated to the Mid-Pacific Regional Director for land acquisition under Title 43 Part 8 and 49 CFR Part 24 of the United States Code, and associated laws. Reclamation may not assign or delegate its decision-making authority to a State agency unless authorized by law.

SECTION II. INTENT AND PURPOSE OF S&O AGREEMENT

To facilitate any real property acquisitions necessary to support the FKC Middle Reach Capacity Correction Project, Reclamation, Mid-Pacific Region (MPR) and FWA propose the use of this agreement between the parties to ensure the appropriate level of federal oversight in implementation of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Uniform Act). This Stewardship and Oversight (S&O) Agreement sets forth the agreement between MPR and FWA on the roles and responsibilities of MPR and FWA with respect to Uniform Act oversight activities, project approvals, ensuring proper title standards are implemented, valuation products prepared in accordance with federal requirements, and details of other related responsibilities.

SECTION III. REQUIRED ASSURANCES

A Pursuant to 49 CFR Part 24.4, FWA must provide appropriate assurances that it will comply with the Uniform Act and 49 CFR Part 24. These assurances be in accordance with section 305 of the Uniform Act and must contain specific references to any State law which FWA believes provides an exception to sections 301 or 302 of the Uniform Act. Reclamation will monitor compliance with these standards, and FWA will take whatever corrective action is necessary to comply with the Uniform Act and 49 CFR Part 24.

SEC. 305. (a) Notwithstanding any other law, the head of a Federal agency shall not approve any program or project or any grant to, or contract or agreement with, an acquiring agency under which Federal financial assistance will be available to pay all or part of the cost of any program or project which will result in the acquisition of real property on and after the effective date of

this title, unless he receives satisfactory assurances from such acquiring agency that--

(1) in acquiring real property, it will be guided, to the greatest extent practicable under State law, by the land acquisition policies in section 301 and the provisions of section 302, and

(2) property owners will be paid or reimbursed for necessary expenses as specified in sections 303 and 304.

(b) For purposes of this section, the term "acquiring agency" means--

(1) a State agency (as defined in section 101(3)) which has the authority to acquire property by eminent domain under State law, and

(2) a State agency or person which does not have such authority, to the extent provided by the head of the lead agency by regulation.

B Section 103, 201, 210 (below) and 305 (above) of the Uniform Act requires MPR and FWA to enter into an agreement relating to the extent to which the FWA assumes Project responsibilities. This S&O Agreement includes information on specific Project approvals and related responsibilities and provides the requirements for MPR oversight of the Uniform Act, as required by law.

SEC. 103 of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 allows "the head of a Federal agency may discharge any of his responsibilities under this Act by accepting a certification by a State agency that it will carry out such responsibility, if the head of the lead agency determines that such responsibility will be carried out in accordance with State laws which will accomplish the purpose and effect of this Act.

SEC. 201. (a) The Congress finds and declares that-

(1) displacement as a direct result of programs or projects undertaken by a Federal agency or with Federal financial assistance is caused by a number of activities, including rehabilitation, demolition, code enforcement, and acquisition;

(2) relocation assistance policies must provide for fair, uniform, and equitable treatment of all affected persons;

(3) the displacement of businesses often results in their closure;

(4) minimizing the adverse impact of displacement is essential to maintaining the economic and social well-being of communities; and

(5) implementation of this Act has resulted in burdensome, inefficient, and inconsistent compliance requirements and procedures which will be improved by establishing a lead agency and allowing for State certification and implementation.

(b) This title establishes a uniform policy for the fair and equitable treatment of persons displaced as a direct result of programs or projects undertaken by a Federal agency or with Federal financial assistance. The primary purpose of this title is to ensure that such persons shall not suffer disproportionate injuries as a result of programs and projects designed for the benefit of the public as a whole and to minimize the hardship of displacement on such persons.

*SEC. 210. Notwithstanding any other law, the head of a Federal agency shall not approve any grant to, or contract or agreement with, a **displacing agency (other than a Federal agency)**, under which Federal financial assistance will be available to pay all or part of the cost of any program or project which will result in the displacement of any person on or after the effective date of this title, unless he receives satisfactory assurances from such **displacing agency** that-*

(1) fair and reasonable relocation payments and assistance shall be provided to or for displaced persons, as are required to be provided by a Federal agency under sections 202, 203, and 204 of this title;

(2) relocation assistance programs offering the services described in section 205 shall be provided to such displaced persons;

(3) within a reasonable period of time prior to displacement, comparable replacement dwellings will be available to displaced persons in accordance with section 205(c)(3)

SECTION IV. PERMISSIBLE AREAS OF ASSUMPTION BY FWA ON THE FRIANT - KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

The following is a list of the most frequently occurring approvals and related responsibilities that may be assumed by FWA:

- A MPR's roles in surveying and preparing legal descriptions of the property to be acquired.
- B Property site inspections and Hazmat inspections.
- C Prepare UASFLA- and statement-of-work-compliant valuation products using AVSO pre-approved appraisers. Seek appraisal review by Department of the Interior, Appraisal and Valuation Services Office (AVSO) including approval for use of the appraisal as a basis to offer just compensation.
- D Prepare title reports and provide recommendations for clearance of title.
- E Property inspections, which include general contract administration, material testing and quality assurance, review, and inspections of Federal-aid contracts as well as final inspection/acceptance.
- F Approvals and related responsibilities affecting temporary access to real property.

SECTION V. FEDERAL APPROVALS AND RELATED RESPONSIBILITIES THAT MAY NOT BE ASSUMED BY FWA

Any approval or related responsibility not listed in Attachment A cannot be assumed by FWA without prior concurrence by a MPR Realty Officer or their delegated staff. The following is a list of the most frequently occurring approvals and related responsibilities that may not be assumed by FWA:

- Exercising any Federal authorities involving condemnation or eminent domain;
- Environmental approvals, (Hazardous Materials Inspections);
- Preliminary or Final Title Approvals;
- Approval of appraised value;
- Administrative Determinations to pay above the appraised value;
- Use Authorizations to private parties;
- Any Federal agency approval or determination under the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Uniform Act), as amended, and implementing regulations in 49 CFR Part 24;
- Requests for credits toward the non-Federal share of construction costs for early acquisitions, donations, or other contributions applied to the Project;
- Functional replacement of property;
- Determine need for additional permits;
- Any other approval or activity not specifically identified in Attachment A unless otherwise approved by the MPR, including the Office of the Solicitor.

SECTION VI. PROJECT ACTION RESPONSIBILITY MATRIX

The Land Acquisition Responsibility Matrix found in Attachment A to this S&O Agreement identifies Project land acquisition approvals and related responsibilities. The Land Acquisition Responsibility Matrix specifies which approvals and related responsibilities are assumed by FWA under statutory or regulatory authority, as well as approvals and related responsibilities reserved to MPR. As a general guideline, the turnaround time for actions or approval requested by FWA from MPR as set forth in Attachment A will be 10 business days unless otherwise requested by either party.

SECTION VII. MPR OVERSIGHT PROGRAM

A In the Uniform Act, Congress directs the Secretary to establish an oversight program to monitor the effective and efficient use of funds authorized to carry out the program. This program includes MPR oversight of the FWA processes and management practices, including those involved in carrying out the approvals and related responsibilities assumed by the FWA. At a

minimum, the oversight program must be responsive to all areas relating to financial integrity, areas of legal compliance and Project delivery.

- B MPR will ensure all acquisitions of real property intended to be transferred to Reclamation ownership in subsequent transactions are performed in accordance with the *Regulations of the Attorney General Governing the Review and Approval of Title for Federal Land Acquisitions (2016)*.
- C MPR will perform annual reviews that address elements of the Project delivery systems of FWA, which elements include one or more activities that are involved in the life cycle of project from conception to completion of the Project.
- D MPR will work collaboratively with FWA to assess the risks inherent with the Project and funds management, and how that assessment will be used to align resources to develop appropriate risk response strategies.
- E Manuals and Operating Agreements. Reclamation manuals, agreements and other control documents that have been approved for use in land acquisition are listed in Attachment B to this S&O Agreement.
- F Stewardship and Oversight Indicators. MPR and FWA may jointly establish Stewardship and Oversight Indicators (Indicators). The Indicators should set targets, track trends, and implement countermeasures and actions.

SECTION VIII. FWA OVERSIGHT AND REPORTING REQUIREMENTS

- A FWA is responsible for demonstrating to MPR how it is carrying out its responsibilities in accordance with this S&O Agreement.
- B FWA and MPR agree to manage the implementation of this Agreement through the Project Management Team (PMT) which will oversee the Federal-Aid Program in its entirety. The PMT membership will include, at a minimum, an executive staff member of FWA, and designated decision makers for Reclamation.
- C FWA will ensure all real property interests are acquired in compliance with *49 C.F.R. part 24 promulgated for implementation of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Pub. L. 91-646; 84 Stat. 1894; 42 U.S.C. § 4601, et seq.)*.
- D FWA will ensure all acquisitions of real property intended to be transferred to Reclamation ownership in subsequent transactions are performed in accordance with the *Regulations of the Attorney General Governing the Review and Approval of Title for Federal Land Acquisitions (2016)*.
- E FWA will ensure that Project actions will be administered in accordance with all applicable Federal laws and regulations.

SECTION IX. IMPLEMENTATION AND AMENDMENTS

- A This S&O Agreement will take effect as of the effective date of the signature of the MP Regional Director, who will sign this S&O Agreement last.

- B MPR and FWA agree that updates to this Agreement will be considered periodically on a case-by-case basis or when:
 - Significant new legislation, Executive orders, or other initiatives affecting the relationship or responsibilities of one or both parties to the S&O Agreement occurs;
 - Leadership, or leadership direction, changes at FWA or MPR; or
 - Priorities shift as a result of audits, public perception, or changes in staffing at either FWA or MPR.

- C MPR and FWA agree that changes may occur to the contents of the Attachments to this S&O Agreement and documents incorporated by reference into the S&O Agreement. Except as provided in Section IX.D, changes to the Attachments and documents incorporated by reference will not require MPR and FWA to amend this S&O Agreement. The effective date of any revisions to one of these documents must be clearly visible in the header of the revised document. This S&O Agreement and any revised document will be posted on MPR’s internet site within five (5) business days of the effective date.

- D Any changes to the Project Action Responsibility Matrix must be approved by the MPR Realty Officer in writing and documented by an amendment to this S&O Agreement.

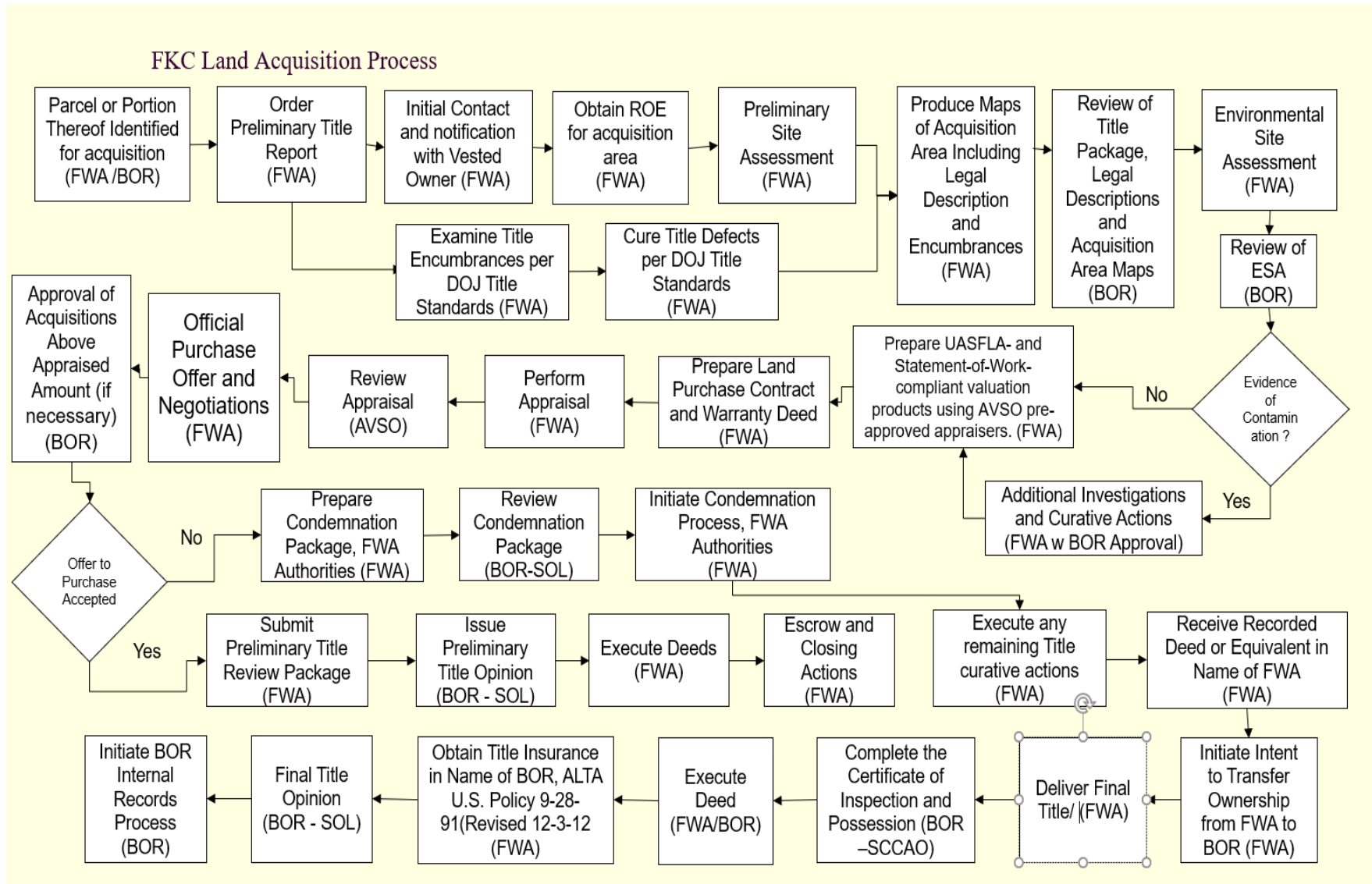
FRIANT WATER AUTHORITY

Jason Phillips
Chief Executive Officer

BUREAU OF RECLAMATION

Ernest A. Conant
Regional Director

Attachment A





Attachment A (Continued)

PROJECT ACTION RESPONSIBILITY MATRIX		
ACTION	DESCRIPTION	AGENCY RESPONSIBLE
Parcel or Portion Thereof Identified for Acquisition. (Attachment C)	Parcel must be identified in the Land Acquisition Plan prepared by FWA and Approved by Regional Realty Officer (BOR D&S 06-01)	FWA /BOR
Obtain Preliminary Title Report / Insurance Commitment.	Preliminary Title Report including vesting deed and all exception referenced documents provided by FWA. Subsequent transfer of ownership to BOR(US) will require issuance of title insurance on ALTA U.S. Policy 9-28-91 (Revised 12-3-12)	FWA
Initial Contact and notification with Vested Owner	Initial contact should include written Notice of Intent (NOI) or equivalent introduction to Project.	FWA
Examine Title Encumbrances per DOJ Title Standards	https://www.justice.gov/enrd/page/file/922431/download	FWA
Cure Title Defects per DOJ Title Standards (ongoing)	Cure all title encumbrances identified in PTR as exceptions in accordance with Regulations of the Attorney General Governing the Review and Approval of Title for Federal Land Acquisitions (2016)	FWA

Obtain Right of Entry (ROE), and Permission to Inspect (PIC) from vested owner for acquisition area.	Execute ROE of Entry and PIC form(s) or FWA equivalent.	FWA
Preliminary Site Assessment	Perform preliminary Site Assessment (PSA) identifying encumbrances listed as exceptions on PTR and all visible features of parcel.	FWA
Produce Maps of Acquisition Area Including Legal Description and Encumbrances	Produce maps of parcel including items identified in/on PTR, PSA and legal description of the premises.	FWA
Review of Title Package, Legal Descriptions and Acquisition Area Maps	Initial Review of proposed title package including PTR, plan to cure encumbrances, parcel map, and legal description.	BOR
Environmental Site Assessment	Environmental Site Assessment and report performed in accordance with ASTM-Standards on Environmental Site Assessments for Commercial Real Estate in effect at that time.” The current standards, ASTM E 1527-13 and ASTM E 2247, include “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined at 42 USC 9601(35)(B).	FWA

Review of ESA	Review Performed by MP-157 coordinated by MP - 450	BOR
Submit Appraisal SOW and Appraiser Qualifications to AVSO for Approval	Development of Standard Appraisal SOW language to be developed in coordination between FWA/BOR/AVSO	FWA
Prepare Land Purchase Contract and Warranty Deed	Development of Standard form for Land Purchase Contract and Warranty Deed coordinated between FWA/BOR/SOL	FWA
Perform Appraisal	Appraisal to be performed in accordance with Department of the Interior, Departmental Manual 602 DM 1, Appraisal of Real Property & Reclamation Manual D&S LND 501	FWA
Review Appraisal	Review of Appraisal performed by AVSO assigned Review Appraiser	AVSO
Approval of Acquisitions Above Appraised Amount (if necessary)	FWA to provide supporting memorandum or determination to RRO for recommendation to Regional Resources Manager. In accordance with LND 06-01 and 49 CFR Part 24.	FWA

Official Purchase Offer and Negotiations	Negotiations will be in accordance with Reclamation Manual D&S LND 601.	FWA / BOR
Submit Preliminary Title Review Package Submit Preliminary Title Review Package	Assemble and submit acquisition package to MP -450. MP 450 will coordinate formal review with DOI Solicitor.	FWA
Issue Preliminary Title Opinion (PTO)	Opinion will be issued containing instructions pre and post-acquisition.	BOR - SOL
Execute Deeds	Execute the purchase of real property in accordance with PTO.	FWA
Escrow and Closing Actions	Execute closing documents and payment.	FWA
*Prepare Condemnation Package, FWA Authorities	Request BOR input.	FWA

*Review Condemnation Package	Request FWA input	BOR-SOL
*Initiate Condemnation Process, FWA Authorities	Request BOR input	FWA
Execute any remaining Title curative actions	Cure any remaining title encumbrances identified in PTO as exceptions in accordance with Regulations of the Attorney General Governing the Review and Approval of Title for Federal Land Acquisitions (2016)	FWA
Receive Recorded Deed or Equivalent in Name of FWA	Construction activities may be initiated upon deed recordation.	FWA
Initiate Intent to Transfer Ownership from FWA to BOR	Formally request FWA's intent to transfer ownership to BOR.	FWA
Deliver Final Title Package	Upon delivery of Final Title Package in accordance with PTO for BOR (MP-450) concurrence.	FWA

Complete the Certificate of Inspection and Possession (CIP)	MP-450 to coordinate	BOR –SCCAO
Obtain Title Insurance in Name of BOR, ALTA U.S. Policy 9-28-91(Revised 12-3-12)	https://www.justice.gov/enrd/page/file/922431/download	FWA
Execute and Record Warranty Deed -FWA to US	BOR will provide Notary for BOR signatories, FWA will have the warranty deed recorded.	FWA/BOR
Final Title Opinion (FTO)	MP-450 will coordinate review by RRO and SOL of FTO	BOR - SOL
Initiate BOR Internal Records Process	MP-450 will coordinate internal real property records including Land Status and FBMS records.	BOR

Attachment B

Laws, Regulations and Policies Applicable to this Stewardship & Oversight Agreement:

	Page
A. Reclamation Manual, Directives and Standards, LND 06-01 (9/1/2017)	1
B. Reclamation Manual, Directives and Standards, LND 05-01 (7/12/2007)	10
C. Department of the Interior, Departmental Manual, 602 DM 1 (1/20/16)	23
D. Department of the Interior, Departmental Manual, 602 DM 2 (10/12/16)	29
E. Reclamation Lands Handbook, Chapter 6, Land Acquisition Guidelines (4/5/2013)	43
F. Uniform Relocation Assistance and Real Property Acquisitions Policies Act of 1970, as amended [Pub. L. 91-646, 84 Stat. 1894 (1971) (codified as amended at 42 U.S.C. §§ 4601–4655)]	158
G. 49 C.F.R. Part 24- Uniform Relocation Assistance and Real Property Acquisition for Federally Assisted Programs	174
H. Regulations of the Attorney General Governing the Review and Approval of Title for Federal Land Acquisitions (2016)	223
I. The Reclamation Act, June 17, 1902 (ch.1093; 32 Stat. 388; 43 USC 391 et seq.)	297
J. Act of August 26, 1937, Central Valley Project (Pub. L. 75-392; 50 Stat. 844)	339
K. 43 CFR Part 8 - Joint Policies of the Departments of the Interior and of the Army Relative to Reservoir Project Lands	353

Attachment C



CONFIDENTIAL
NOT FOR PUBLIC REVIEW OR RELEASE

**Friant-Kern Canal Middle Reach Capacity Correction
Project
Draft Real Estate Plan**

Prepared For:
Friant Water Authority
854 N. Harvard Ave.
Lindsay, CA 93247

On Behalf Of:
U.S. Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

Prepared By:
Bender Rosenthal, Inc.
2825 Watt Avenue, Suite 200
Sacramento, CA 95821

October 25, 2019

DATE: December 13, 2019

TO: Board of Directors

FROM Donald M. Davis, General Counsel

SUBJECT: **Approval of Task Order and Budget Adjustment under Master Professional Services Agreement with Bender Rosenthal for Phase I Environment Site Assessment Work for the Friant-Kern Canal Middle Reach Capacity Correction Project**

SUMMARY:

Federal regulations (and the Stewardship and Oversight Agreement) require a Phase 1 Environmental Site Assessment (Phase 1) Report to determine the presence or likely presence of any hazardous substances or petroleum products on a property being considered for acquisition before the appraisals are finished to verify that there is no hazardous waste remediation that needs to be deducted from the value of the property for cleanup, or remediation measures. This work was not included in Bender Rosenthal's (BRI) Master Professional Services Agreement. BRI is proposing the work be subtracted to Sierra Geotech and the additional cost (\$80,105) be added to its budget for the Project. The Report would cover approximately 50 separate parcels.

RECOMMENDED ACTION:

That the Board approve Task Order No. 3 with BRI for Phase I Environment Site Assessment Work for the Friant-Kern Canal Middle Reach Capacity Correction Project and increase the approved budget under the Master Professional Services Agreement with BRI by \$80,105 to incorporate the cost of these subconsultant services.

SUGGESTED MOTION:

I move that the Board approve Task Order No. 3 with BRI for Phase I Environment Site Assessment Work for the Friant-Kern Canal Middle Reach Capacity Correction Project and increase the approved budget under the Master Professional Services Agreement with BRI by \$80,105 to incorporate the cost of these subconsultant services.

BUDGET IMPACT:

Approval of Task Order No.3 will result in an increase of \$80,105 to BRI's approved budget of \$1,086,000 thus bringing its revised budget to \$1,166,105. Funding for BRI's contract is covered by existing budget appropriations and there are sufficient funds to cover this minor increase.

ATTACHMENTS:

Task Order. No. 3, including Phase 1 Report proposal from Sierra Geotech.

AGENDA REPORT

NO. 11.D

DATE: December 13, 2019

TO: Board of Directors

FROM: Donald M. Davis, General Counsel

SUBJECT: **Approval of Task Order and Budget Adjustment under Master Professional Services Agreement with Bender Rosenthal for Phase I Environment Site Assessment Work for the Friant-Kern Canal Middle Reach Capacity Correction Project**

SUMMARY:

Federal regulations (and the Stewardship and Oversight Agreement) require a Phase 1 Environmental Site Assessment (Phase 1) Report to determine the presence or likely presence of any hazardous substances or petroleum products on a property being considered for acquisition before the appraisals are finished to verify that there is no hazardous waste remediation that needs to be deducted from the value of the property for cleanup, or remediation measures. This work was not included in Bender Rosenthal's (BRI) Master Professional Services Agreement. BRI is proposing the work be subtracted to Sierra Geotech and the additional cost (\$80,105) be added to its budget for the Project. The Report would cover approximately 50 separate parcels.

RECOMMENDED ACTION:

That the Board approve Task Order No. 3 with BRI for Phase I Environment Site Assessment Work for the Friant-Kern Canal Middle Reach Capacity Correction Project and increase the approved budget under the Master Professional Services Agreement with BRI by \$80,105 to incorporate the cost of these subconsultant services.

SUGGESTED MOTION:

I move that the Board approve Task Order No. 3 with BRI for Phase I Environment Site Assessment Work for the Friant-Kern Canal Middle Reach Capacity Correction Project and increase the approved budget under the Master Professional Services Agreement with BRI by \$80,105 to incorporate the cost of these subconsultant services.

BUDGET IMPACT:

Approval of Task Order No.3 will result in an increase of \$80,105 to BRI's approved budget of \$1,086,000 thus bringing its revised budget to \$1,166,105. Funding for BRI's contract is covered by existing budget appropriations and there are sufficient funds to cover this minor increase.

ATTACHMENTS:

Task Order. No. 3, including Phase 1 Report proposal from Sierra Geotech.



FRIANT WATER AUTHORITY
MASTER PROFESSIONAL SERVICE AGREEMENT DATED August 28, 2019
(BRI)

Task Order No.: 3
Date: 12/13/19

Friant Water Authority
854 N. Harvard Ave.
Lindsay, CA 93247
Attn: Douglas DeFlicht

DESCRIPTION OF SERVICES: Phase 1 Environmental Site Assessment - See Attached Exhibit A

KEY PERSONNEL: See Attached Exhibit A

NOT TO EXCEED COST: \$80,105 (and increasing BRI's Project Budget to \$1,166,105.00)

FEE SCHEDULE: See Attached Exhibit A

DATE TO COMMENCE SERVICES: December 16, 2019

ESTIMATED COMPLETION DATE: February 15, 2020

FRIANT'S REPRESENTATIVE: Douglas DeFlicht, CEO & Donald M. Davis, General Counsel

CONSULTANT'S REPRESENTATIVE: David Wraa and Lindy Lee

ACCEPTED:

BENDER ROSENTHAL, INC.

By: 

Title: President

ACCEPTED:

FRIANT WATER AUTHORITY

By: _____

Title: _____

TASK ORDER NO. 2

EXHIBIT A

(See Attached Scope of Services for Sierra Geotech)

November 21, 2019

Douglas DeFlicht, Chief Operating Officer
Friant Water Authority
854 N. Harvard Avenue
Lindsay, CA 93247

**RE: Scope of work ASTM 1527-13 Phase 1 Environmental Site Assessment-
Friant-Kern Canal Subsidence Correction Project**

Dear Mr. DeFlicht,

Thank you for the opportunity to submit our proposal to provide ASTM 1527-13 Phase 1 Environmental Site Assessment for the Friant Water Authority (Friant) in support of the Friant-Kern Canal Subsidence Correction Project.

Bender Rosenthal, Inc. (BRI) has completed the preliminary analysis for Task Order 2 appraisals services. In order to send a complete appraisal package to the Bureau of Reclamation (“BOR”), an ASTM 1527-13 Phase 1 Environmental Site Assessment (ESA) is needed for each parcel to meet both Federal and State regulations. Per the direction for Friant to provide these additional services, BRI is requesting a scope and budget augmentation. In addition, BRI is requesting approval to add Sierra Geotech as a subconsultant to the BRI team to provide these services.

SCOPE OF WORK

BRI has identified 54 Assessor Parcel Numbers (APNs) that because of similar property ownerships may result in 37 larger parcels that may be directly impacted by the project. Sierra Geotech, the proposed subconsultant, provided the attached proposal dated November 18, 2019, for the Phase 1 ESA work that includes the scope, schedule and fee.

FEE SCHEDULE

Task	Units	Billing	Rate	Total
Right of Way Services-Phase 1 ESA Report	37	Lump sum	\$2,165/ea	\$80,105
TOTAL				\$80,105

If you require any additional information about the proposed subconsultant or the scope of work, please contact Lindy Lee at (916) 978-4900.

Respectfully,

BENDER ROSENTHAL INC.

Renee Baur, PMP
Executive Vice President



November 18, 2019

Attention: Jeff Aldal, Project Manager
Bender Rosenthal Inc.
2825 Watt Avenue, Suite 200
Sacramento, California 95821
P. 916.978.4900, ext. 212
Emailed to: j.aldal@benderrosenthal.com
(supersedes previous proposal issued on 11/13/19)

Reference: Proposal for ASTM 1527-13 Phase I Environmental Site Assessment – Bender Rosenthal Inc. – Friant-Kern Canal Subsidence Correction Project.

Dear Mr. Aldal:

Sierra Geotech, DVBE, Inc., (Sierra) is pleased to submit this proposal to perform Phase I Environmental Site Assessments (ESA) for the Friant-Kern Canal Subsidence Correction Project. Sierra understands Bender Rosenthal Inc. (BRI) has requested the preparation of Phase I ESAs to assess potential environmental constraints during the realization of the Friant-Kern Canal Subsidence Correction Project. We understand that the project site runs along an approximately 19 mile stretch of the Friant-Kern Canal roughly between Porterville and Delano, an area which is currently predominated by agricultural and residential uses. It is understood that the project area will transverse 54 parcels held by 37 unique property owners, precipitating the preparation of 37 ESAs (one for each property on which the project is to be implemented). The complete list of 54 parcels is presented in Attachment 1.

SCOPE OF WORK

The purpose of the proposed 37 Phase I ESAs is to identify, to the extent feasible pursuant to the process described in ASTM International (ASTM) E1527-13 and in accordance with the US Environmental Protection Agency (EPA) All Appropriate Inquiries rule at 40 CFR Part 312, recognized environmental conditions (RECs) in connection with the properties comprising the Friant-Kern Canal Subsidence Correction Project Area. The assessments will be accomplished by completion of the following tasks:

- A pre-assessment review (i.e., before the Site visit, if practical) of available pertinent documents. This proposal serves as Sierra's request for any available documents which may help us better understand conditions at the Site (e.g., reports of previous investigations or surveys, maps and building plans, process flow diagrams, environmental permits, hazardous materials business plans, chemical and waste inventories, and tenant lists for multiple-occupancy facilities);
- Review of environmental regulatory agency information, including acquisition and review of a regulatory agency database search report for databases and minimum search distances and interviews with local governmental officials, as warranted;
- Review of the historical use of the Site, including at a minimum, reasonably ascertainable historical aerial photographs, Sanborn maps, USGS topographic maps, and city directories;
- Review of agency records for evidence of spills/release(s);
- Documentation of the physical setting of the Site;

2250 Sierra Meadows Dr STE A | Rocklin, CA 95677
T 916 934 2167 | info@sierrageotech.com

www.sierrageotech.com



SIERRA GEOTECH

- a disabled veteran business enterprise -

Page 2 of 3

Reference: Proposal for ASTM 1527-13 Phase I Environmental Site Assessment – Bender Rosenthal Inc. – Friant-Kern Canal Subsidence Correction Project along the Friant Canal in Kern County, CA

- A Site visit with access to Site building(s), where necessary;
- Interviews with people knowledgeable about past and current Site use and conditions;
- An oral report of initial findings in advance of providing a draft report for review; and
- Preparation and submittal of 37 electronic (Portable Document Format [PDF]) Phase I ESA reports. These reports will include a summary of the Phase I ESA scope of work, assessment methods employed, the findings of the assessment including conclusions regarding the presence of any R E C s on the Site consistent with ASTM E 1527-13 and 40 CFR Part 312, a list of references, conclusions, and recommendations for additional assessment where necessary and/or specifically requested by BRI. A site location map and plot plan will be included in each report.

The Phase I ESA reports to be delivered by Sierra, should this proposal be accepted, will be for the sole use of BRI, Friant Water Authority (FWA) and Bureau of Reclamation (BOR). Any reliance granted is pursuant to the conditions of Sierra's standard form reliance letter (i.e., Sierra will not sign forms of reliance letter proposed by lenders or other third parties).

PROJECT COST

We propose to conduct 37 Phase I ESAs as described herein on a Lump Sum Fee basis in accordance with agreed upon Terms and Conditions of the Consulting Services Agreement, between Sierra and BRI, which will be made a part of this proposal by reference. Our lump sum fee for performing the above-described scope of work is **\$80,105** (about \$2,165 per report).

Our fee is based in part on the understanding that Sierra's access to the Site and pertinent documents is not limited, and Site personnel and regulatory agency officials are able to provide detailed and accurate information in a timely manner. We have also assumed the following insurance coverages will be required and certificates of insurance will be provided with BRI and FWA as additional insured.

<u>Type of Insurance</u>	<u>Limits (combined Single)</u>
Commercial General Liability	\$2,000,000
Business Automobile Liability	\$1,000,000
Workers' Compensation	Statutory Requirements
Professional Liability	\$2,000,000

PROJECT SCHEDULE

Sierra will begin the proposed Phase I ESAs upon receipt of authorization to proceed. It is estimated that the services described above will require approximately 60 business days to complete. Mr. Brent L. Moore, CEP will act as Project Manager for this assignment. His resume is attached. We appreciate this opportunity to provide environmental consulting services to you. Please provide the appropriate Purchase Order authorizing this proposed scope of work and Lump Sum. If you have any questions regarding this



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Page 3 of 3

Reference: Proposal for ASTM 1527-13 Phase I Environmental Site Assessment – Bender Rosenthal Inc. – Friant-Kern Canal Subsidence Correction Project along the Friant Canal in Kern County, CA

proposal or require additional information, please contact the undersigned.

Kindly,

SIERRA GEOTECH DVBE, INC

Prepared By:

Austin Kent Moore
Environmental Planner
Phone: 916.934.2167
austin@sierrageotech.com

Reviewed By:

Shaun Vemuri, PE
Managing Principal
Cell: 916.917.6673
shaun@sierrageotech.com

ATTACHMENT 1 – PARCELS LIST

240-190-011, 240-150-005, 240-150-028, 240-140-007, 240-130-030, 302-060-034, 302-060-012, 302-060-013, 302-090-005, 302-100-012, 302-100-015, 302-130-027, 302-130-028, 302-130-030, 302-140-011, 302-130-010, 302-170-001, 302-170-011, 302-240-013, 302-250-006, 320-030-006, 319-130-017, 319-130-016, 319-140-025, 319-140-015, 319-140-001, 319-140-028, 319-150-016, 319-150-010, 319-150-009, 319-160-010, 319-160-014, 319-160-015, 319-010-012, 319-020-013, 319-170-003, 319-020-014, 319-030-012, 319-030-025, 319-030-027, 338-180-017, 338-180-012, 338-170-008, 338-170-001, 338-170-020, 338-160-006, 338-160-007, 338-150-005, 338-140-007, 338-010-031, 338-010-018, 338-020-022, 338-020-011, 338-020-012

DATE: December 13, 2019

TO: Board of Directors

FROM: Jason Phillips

PREPARED BY: Jeffrey Payne

SUBJECT: Resolution to Support for the use of Part III appropriated funds for the Friant-Kern Canal Middle Reach Capacity Correction Project

SUMMARY:

Reclamation, through the San Joaquin River Restoration Program (SJRRP), has indicated a willingness to appropriate and obligate funding from the de-obligated Pixley groundwater project and up to \$20 million of the remaining \$46 million towards the repair of the Friant-Kern Canal, as outlined in Public Law 111-11, Part-III, Section 10203c.

Use of these Section 10203c funds for repair of the Friant-Kern Canal will compete against, or potentially prevent use of this authority by Friant Division Contractors seeking cost-share of groundwater recharge or banking facilities. To avoid being pulled into a conflict between Friant Contractors, Reclamation has expressed a desire to have support from Friant Contractors prior to making Part-III funds available to the Friant-Kern Canal Middle Reach Capacity Correction Project.

COMMITTEE/PRIOR BOARD ACTION:

This use of these Public Law 111-11, Part-III funds for the Friant Kern Canal Middle Reach Capacity Correction Project were discussed at the November 2019, Friant Water Authority Board Retreat. Generally, the discussion was positive for the application of these funds for the subsidence correction.

SUGGESTED MOTION:

Friant Water Authority and its member districts will support, and not oppose, the application of funding made available from “Part III – Friant Division Improvements” of the San Joaquin River Settlement Act (Public Law 111-11, Part-III, Section 10203) towards critical repairs to the Middle Reach of the Friant-Kern Canal. This funding includes: a) de-obligated funds that were initially allocated for the Pixley groundwater project (approximately \$7 million) and b) up to \$20 million of additional funds, if appropriated.

BACKGROUND:

“Part III – Friant Division Improvements” of the San Joaquin River Settlement Act (Public Law 111-11 Section 10203) authorizes non-reimbursable funding for three activities:

- Section 10203(a) – authorizes \$35 million for restoration of capacity of the Friant-Kern and Madera canals (*the full amount has been dedicated*)

- Section 10203(b) - authorizes \$17 million for reverse-flow pump-back facilities on the Friant-Kern Canal (*\$17 million remains*)
- Section 10203(c) - authorizes \$50 million for any of the Part three projects including financial assistance for local projects (*\$46 million remains*)

Funds for capacity restoration (as noted above) have been both appropriated and obligated and are accounted for in the secured funds section of this funding analysis.

Requirements for the \$46 million in “assistance for local projects” include: (a) demonstrating that the project reduces, avoids, or offsets the impacts of the SJR Settlement; (b) application to construction, (c) demonstration of appropriate planning and cost, (d) demonstration of financial capability, (e) an approved method to quantify RWA credit value of the project, (f) the local agency must fund its share on an annual basis, and (g) the local agency is responsible for 50 percent of the costs, at a minimum.

Much of the Settlement funding should be available, beginning this year, with important caveats.

Because funds from Section 10203c must be indexed to 2008, they would typically require appropriation. Additionally, the needs of the SJRRP must be accommodated within their total annual budgets. However, as outlined in the San Joaquin River Settlement Act, beginning this Fiscal Year, funding was required to be made available to the SJRRP. Currently, a total of \$225 million is available to Reclamation for the Settlement through pay-go accounts, plus \$13 million of remaining mandatory funding for a total of \$238 million.

FY2020 funding options are available. With some persuasion funds that were budgeted for other purposes that have been delayed or cancelled could be made available for cost-share of the Friant-Kern Canal Middle Reach project through the 10203c authority, including:

- \$24 million was budgeted for construction of the Reach 2B Mendota Pool Bypass. Construction for this feature has been delayed into next year, but the finances are sitting within the budget and will not otherwise be used this Fiscal Year.
- \$7 million was awarded for construction of a Friant Division water bank that will not move forward, due to unforeseen environmental restrictions.

Concurrently, \$27 million is being requested through the energy and water appropriations in Fiscal Year 2020. If available, it would be authorized for cost-share through PL 111-11 Section 10203c.

Longer-term options. Beyond the short-term options identified above, the remaining portion of the \$46 million in Section 10203c will require appropriations and be made available in fiscal years beyond 2020.

BUDGET IMPACT:

Adoption of this resolution and concurrent actions by Reclamation will considerably reduce the portion of costs borne by Friant Contractors for the Friant-Kern Canal Middle Reach Capacity Correction Project.

RESOLUTION No. 2019-06

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE FRIANT WATER AUTHORITY SUPPORTING THE ALLOCATION OF FUNDING FOR FRIANT DIVISION IMPROVEMENTS UNDER Part III OF PUBLIC LAW 111-11 FOR THE FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

THE BOARD OF DIRECTORS OF THE FRIANT WATER AUTHORITY RESOLVES AS FOLLOWS:

SECTION 1. Findings. The Board of Directors finds as follows:

A. The United States Bureau of Reclamation ("Reclamation") constructed and owns the facilities of the Friant Division of the Central Valley Project ("CVP"), including the Friant Dam and the Friant-Kern Canal ("Canal") which conveys water from Millerton Lake to municipalities and water districts (collectively "Friant Division Contractors") along the 152-mile length of the Canal.

B. The Friant Division Contractors, through their purchases of CVP water and other payments, have repaid the United States for the costs of constructing the Friant Dam and the Friant-Kern Canal.

C. Since 1986, the Friant Water Authority ("FWA") and its predecessors have operated and maintained certain Friant Division facilities, including the Canal, on behalf of the United States, and since 1998 such operations, maintenance and replacement ("OM&R") obligations have been governed by that certain Agreement to Transfer the Operations, Maintenance and Replacement and Certain Financial and Administrative Activities Related to the Friant-Kern Canal (FKC) and Associated Works ("Transfer Agreement").

D. Until the recent adoption of the Sustainable Groundwater Management Act ("SGMA") groundwater pumping has largely been unregulated on a state-wide basis.

E. Groundwater pumping in the vicinity of the Canal has caused the Canal to subside 12 feet below its original design elevation in certain areas, including several feet of subsidence in the past few years.

F. As a result, the Canal, because of its "gravity" design, has had its conveyance capacity reduced to 40% of its original capacity (from 4,000 to 1,650 cubic-feet per second).

G. FWA estimates that the constriction in the Canal caused by subsidence can annually preclude the delivery of up to several hundred thousand acre-feet of water to Contractors below the constrictions during a wet year, which in turn threatens the continued viability of tens of thousands of acres of Central Valley farmland served by Friant Division Contractors.

H. FWA, at considerable expense, is developing plans, undertaking environmental review, and pursuing permitting to address these existing subsidence impacts to the Canal through a project referred to as the Friant-Kern Canal Middle Reach Capacity Correction Project

("Project"). The most current feasibility and engineering work estimates the costs of the Project in excess of \$350 million.

I. As the Friant Division Contractors affected by the Canal subsidence did not cause the subsidence, FWA is pursuing outside sources of funding for the Project.

J. Reclamation, through the San Joaquin River Restoration Program ("SJRRP"), has indicated a willingness to appropriate and obligate funding from the de-obligated Pixley groundwater project and up to \$20 million of the remaining \$46 million in funds towards the repair of the Friant-Kern Canal, pursuant to Section 10203(c) of Public Law 111-11 ("Part III Funds").

K. Use of these Section 10203(c) funds for repair of the Friant-Kern Canal will compete against, or potentially prevent use of this funding by Friant Division Contractors seeking cost-share funding for local groundwater recharge or banking facilities.

L. To avoid a conflict between Friant Division Contractors, Reclamation has expressed a desire to have support from Friant Division Contractors prior to making the Part-III funds available to the Friant-Kern Canal Middle Reach Capacity Correction Project.

SECTION 2. Support for the Allocation of Part-III Funds for the Friant-Kern Canal Middle Reach Capacity Project.

Friant Water Authority and its member districts hereby support, and not oppose, the application of funding made available from "Part III – Friant Division Improvements" of the San Joaquin River Settlement Act (Public Law 111-11, Part-III, Section 10203) towards critical repairs to the Middle Reach of the Friant-Kern Canal. This funding includes: a) de-obligated funds that were initially allocated for the Pixley groundwater project (approximately \$7 million) and b) up to \$20 million of additional funds, if appropriated.

APPROVED AND ADOPTED on December 13, 2019.

Chris Tantau, Chair of the Board of Directors

ATTEST:

Cliff Loeffler, Secretary of the Board

I , Cliff Loeffler, Secretary/Treasurer of the Friant Water Authority, certify that Resolution No. 2019-06 was duly adopted by the Board of Directors of the Friant Water Authority at a regular meeting held a December 13, 2019, by the following vote: .

AYES:

NOES:

ABSENT:

Cliff Loeffler, Secretary/Treasurer
Friant Water Authority



AGENDA REPORT

NO. 14.B.i

DATE: December 13, 2019

TO: Board of Directors

THROUGH: Douglas DeFlicht, Chief Operating Officer

FROM: Janet Atkinson and Bill Swanson

SUBJECT: Friant-Kern Canal Capacity Correction Project Update

SUMMARY:

The FKC Capacity Correction Project (Project) is to correct the conveyance capacity problems caused by subsidence and original Project design deficiency from MP 88 (Fifth Avenue Check) to MP121.5 (Lake Woollomes Check). The Board of Directors (BOD) selected the proposed alternative that consists of a parallel or realigned canal along with enlargement of certain segments of the existing canal (Canal Enlargement & Realignment – “CER”) at the April 25th BOD meeting for continued design development, environmental compliance and permitting. Current work items include 1) final design; 2) completion of the Feasibility Report; 3) environmental compliance/permitting activities; and 4) land acquisition program.

DISCUSSION/UPDATE: The following is a summary of the work completed since the last BOD update:

Reclamation Schedule Update and Coordination Meetings – Several working group meetings were conducted (Environmental, Right-of-Way, Design, and Project Management).

Provided below is the current milestone implementation schedule.

Milestone	Date
NOI/NOP Published	December 2, 2019
Feasibility Report provided to OMB	December 18, 2019
30-Percent Design Report - Final	January 17, 2020
NOA/Draft EIS/EIR Published	May 01, 2020
Biological Opinion Issued	May 7, 2020
Project Section 106 Complete	May 28, 2020
100-Percent Bid Issue Design Completion	August 4, 2020
NOA/NOD/FEIS/EIR Published	September 11, 2020

NOD Published	September 25, 2020
ROD Approval/Signature	October 21, 2020
Award Construction Contract	December 21, 2020 (see below)

The above is a fairly aggressive schedule that the team is committed to meeting. It is anticipated that it will take several months after the ROD is published to finalize activities such as permit acquisition, right-of-way acquisition and funding program. It is estimated that a construction contract award would occur in the first half of FY 2021.

Feasibility Report - Stantec provided Reclamation with the Draft Recommended Plan Report, which included the identification of a Recommended Plan. Members of the Stantec team participated in the Design, Estimating and Construction (DEC) Review, and had check-in meetings with Reclamation’s Policy team prior to their Policy Review. Stantec provided Reclamation with the Administrative Draft Feasibility Report on November 22nd, which included revisions based on the DEC Review and initial conversations with Reclamation’s Policy team. Stantec briefed the Policy Review Team for their official review on December 2nd, and are responding to their findings that were reported out on December 6th. The Stantec team will continue to refine the Feasibility Report as necessary in preparation for delivery to OMB planned on December 18th.

Environmental Compliance, Cultural Resources and Permitting- This work is needed for both the geotechnical field investigations and for the project, with separate work products, processes and approvals needed. Following is a description of environmental clearance activities for the geotechnical field investigations.

- Received SHPO concurrence on October 11, 2019 for the Reclamation and County land bores.
- Responded to comments from CDFW on permit application and prepared/submitted 404 application to Army Corps of Engineers for upcoming geotechnical field investigations. Received 401 permit from RWQCB. The remaining NHPA Section 106 compliance documentation for the private bore location was submitted to Army Corps of Engineers on December 2, 2019.
- The Cultural team submitted Phase III Cultural Resources report for Phase III Geotechnical bores located on private lands. Responded to Reclamation comments on report for private lands. Reclamation approved the revised report and forwarded to SHPO on November 4, 2019. Received SHPO concurrence on November 21, 2019.
- Completed and sent Land Use Authorization Permit application to Reclamation for the Phase III bores.
- Reclamation issued the Categorical Exclusion Checklist (CEC) for the Phase III geotechnical bores located on public lands in October, and private lands on November 26.

Following is a description of NEPA/CEQA compliance and Permitting activities for the Project.

- Conducted internal kick off meeting to begin preparation of the EIS/EIR.
- Continued working on early CEQA activities including updating the draft project objectives/purpose and need.

- Developed an outline for the EIS/EIR and proposed significance criteria memo for review and comment by Reclamation and Friant.
- Began developing draft EIS/EIR resource sections.
- Finalized and released NOI and NOP, initiated public scoping beginning on December 3, 2019. The meeting will be held on December 18th in the Porterville area and advertised in The Fresno Bee and Porterville Recorder. Draft newspaper ad text is under development and will be circulated for approval with the draft NOINOP. Began preparing scoping meeting materials.
- Attended field visit with United States Fish and Wildlife Service (USFWS) and Reclamation on October 30, 2019 to discuss San Joaquin Kit Fox (SJKF) and Buena Vista Lake Ornate Shrew (BVLOS).
- Continued characterizing the biological resources of the project area, continued strategizing potential mitigation scenarios for the SJKF to provide to Reclamation for inclusion in the Biological Assessment.
- Initiated camera surveys for SJKF and BVLOS and scent dog surveys for the SJKF.
- The cultural team has continued to work on the Section 106 report for the long term corrective action including finalizing the Area of Potential Effect (APE) and requesting a sacred lands search from the Native American Heritage Commission. Submitted revisions to Reclamation regarding the APE description and mapping based on comments received and continued refining draft APE map. .
- Continued preparation of a draft wetland delineation for the footprint of the Project.
- Completed Built Environment documentation in support of Section 106 Technical Report on October 15, 2019. Continuing research and report preparation.
- Completed archaeological pedestrian survey of the Direct APE on November 24th.
- Biological field surveys for private lands within the project alignment planned for the week of December 9th and 13th.

Engineering and Design

- Worked on outstanding coordination items from the Design Criteria meeting conducted on September 24th and 25th. The goals and objectives included 1) provide a summary of key design criteria applied to preliminary design phase of project; 2) obtain Reclamation input and collaboration on design criteria assumptions; document decisions on criteria that can be agreed upon now; and 3) establish action plans for criteria that requires more input. Action items needing resolution in order to effectively progress the design are being actively discussed during the Design Working Group meetings. There was no decision reached regarding the future subsidence criteria.
- Stantec prepared presentation materials and participated in the Reclamation's DEC review meeting the week of November 4th, and supported resolution for the findings made as a result of the DEC.
- Prepared designs and cost estimates based on projected year 2070 subsidence as a result of the DEC review to support Feasibility Report completion. In comparison to a design based on 2018 land surface, a design based on 2070 projected land surface would require additional earthwork, concrete lining and structural components.
- Stantec submitted the draft 30-percent Design Report to FWA and Reclamation on November 26th. 30-percent designs and cost estimate based on projected year 2070 subsidence to support Feasibility Report completion.

- Stantec conducted an onsite design coordination meeting with Operations and Maintenance on November 20th to discuss design development items and better understand current operation of existing checks and turnouts.
- Continue to explore potential earthwork borrow sources with interested parties.
- Continued development of check structure design.
- Continued developing turnout drawings, conceptual construction staging area needs, and utility relocation concepts.
- Continued to update utility tracking logs, updated mapping files with utility information and coordinated with utility owners, Tulare County, Kern County and Caltrans.
- Continued preparation of site plans for each roadway crossing.
- Supported the environmental team in revising the Project description and other technical analyses needed for further the environmental review.
- Continued reviewing title reports to assess parcel description content and plan for legal description preparation. Continued preparation of FKC existing right-of-way lines.
- Initiated preparation of Preliminary Right-of-Way Acquisition exhibits.
- The geotechnical team commenced the field drilling and CPT investigation in County and Reclamation right-of-way land on October 22. The County and Reclamation right-of-way explorations included 115 borings, 11 CPTs, and 20 standpipe piezometers. The County and Reclamation right-of-way explorations was completed on November 15, 2019.
- Samples from the explorations have been delivered to the geotechnical laboratory, and approximately half of the testing is complete as of December 4, 2019.
- Drilling the private borings commenced December 4, 2019 and (with the exception of one boring) were completed on December 6, 2019.
- The geotechnical team prepared the geotechnical portion of the draft Friant-Kern EIS/EIR.
- The geotechnical team started preparation of the Geotechnical Data Report, Road Crossing Siphons Report, and Geotechnical Interpretive Report. Preparation of these reports includes coordination with other Stantec design teams.

Land Acquisition

- The Stewardship & Oversight Agreement governing the real estate acquisition process has been finalized and submitted to the BOD for approval at this meeting.
- Bender Rosenthal (BRI) has prepared a draft Real Estate Acquisition Plan for the Project and has addressed FWA and Stantec review comments. The Plan, which will be part of the Stewardship & Oversight Agreement, includes an overview of the acquisition process for the Project including preliminary costs for both capital and support based on the current Feasibility Report. The draft Real Estate Acquisition Plan was submitted to Reclamation for review, a small number of comments were received, and draft revisions prepared, and the Plan resubmitted to Reclamation for final approval.
- BRI started to annotate the Project title reports in preparation of the purchase agreements. BRI and FWA continue to develop a standard purchase agreement template for the Project.
- BRI toured the Project area with Stantec, FWA and Reclamation real estate and appraisal personnel on October 22nd to gain a better understanding of the potentially impacted properties and potential owner issues.

- The appraisal team continued to work with Reclamation and started to gather and investigate the larger parcel issues on the project. The format of the submittal is still pending and will be submitted to Reclamation after the Stewardship & Oversight Agreement is approved.
- Completed the request for the additional scope of work to include the ASTM 1527-13 Phase 1 Environmental Site Assessment (Phase 1 ESA) , the Scope of Work Task Order (No. 3) is pending approval from the FWA Board.

Landowner Coordination and Right-of-Entry (ROE) Support –

- The Right-of-Way Team held meetings on Nov. 12 and Nov. 26 to review and track progress on the Project Real Estate Plan, the Reclamation Draft Memorandum of Understanding, Canal Segment Abandonment, Acquisition Forms, execution of Right-of-Entry Agreements and progress on field studies and investigations. .
- Thirty-two of 36 Right-of-Entry Agreements have been executed or returned signed by the landowner. Support of this include a follow-up personal meeting on Nov. 5 with a Delano landowner approached to consider the potential use of his property for a staging area for the Project. Of the remaining Agreements, Friant Water Authority is reviewing additional levels of protections requested by the landowners. Follow-up continues with two landowners that have not responded to contacts in recent weeks. .
- Three additional preliminary title reports were completed during the period.
- Landowner coordination support for field studies during the period included Project-level pedestrian surveys for cultural resources, geologic investigations on private property, and Buena Vista Lake Shrew surveys near Deer Creek.
- Outreach coordination support during the period included preparations of for the Dec. 18 CEQA/NEPA Scoping Meeting in Porterville, including development and placement of newspaper advertisements in the Visalia Times-Delta and the Porterville Recorder, securing the meeting room for scoping meetings, and preparation of a meeting Facilitation Plan.

FUTURE ACTIVITIES - The following activities are anticipated to be conducted next month:

Feasibility Report – The Stantec team will continue to refine the Feasibility Report as necessary in preparation for delivery to OMB planned on December 18th. This includes incorporation of Commissioner and Secretary review comments.

Environmental Compliance, Cultural Resources, and Permitting– Continue to support obtaining approvals for the geotechnical field investigations including obtaining permits for geotechnical bores and conduct pre-construction surveys for kit fox prior to initiating geotechnical explorations. For the long-term corrective action plan Continue preparing materials for and conduct scoping meeting and continue weekly coordination calls with Reclamation/Friant. Continue analyses of potential impacts and technical analysis for EIS/EIR, continue cultural resources survey and report preparation, and continue with biological characterization, including wetland delineation.

Engineering and Design– Anticipate receiving Reclamation review comments on the 30-percent design submittal on December 20th and will review and respond to comments received. Planning for 30-percent design submittal review meeting in early January 2020. Continue design activities progressing designs from

the 30% towards the 60% level of completion later in 2020. Awaiting final direction of future subsidence bank scope of work. Continue to progress the utility research. Continue to refine the hydraulic analyses. Continue detailed field surveys needed to inform the final design. Continue the development of the Check structures. Support the environmental team in revising the Project description and other technical analyses needed for further the environmental review. The geotechnical team will continue working on the Geotechnical Data Report, Road Crossings Siphons Report, and the Geotechnical Interpretive Report. Currently the Deer Creek and White River borings are scheduled for the week of January 15th, 2020, subject to receipt of agency approvals and weather conditions.

Land Acquisition BRI and FWA will continue development of a standard purchase agreement template for the Project. BRI and FWA will continue to work with Reclamation to finalize the Real Estate Acquisition Plan. BRI will start the Phase 1 ESAs as required by the Oversight Agreement. These assessments are anticipated to be completed within 60 days for submittal to Reclamation. It is anticipated that BRI will start the appraisal work from the right-of-way acquisition exhibits obtained from Stantec sometime in mid-December. BRI will also continue annotations for the title reports for submittal to Reclamation.

Landowner Coordination and Right-of-Entry Support – Activities for the next period include continued conduct of twice monthly meetings of the Right-of-Way Team and continued execution of Right-of-Entry Agreements with the remaining four property owners. Planned coordination activities include access to complete geologic investigation boring on private properties in December and January and other surveys as requested by technical teams and resource agencies. Support and staffing for the Dec. 18 CEQA/NEPA Scoping Meeting in Porterville. This will include newspaper advertisements, meeting facilitation plan, meeting materials, and site logistics. Continue follow-up with three landowners on potential location of Project Staging Area and follow-up with landowners for four borrow material candidate sites.

RECOMMENDED ACTION:

None.

SUGGESTED MOTION:

None.

AGENDA REPORT

NO. 14.B.ii

DATE: December 13, 2019

TO: Board of Directors and Managers

FROM: Donald M. Davis, General Counsel
Darren Hodge, Public Financial Management

SUBJECT: FKC Middle Reach Capacity Correction Project: Debt-Financing Update and Survey

SUMMARY:

As a follow-up to the presentation by Public Financial Management (PFM) at the Board retreat on potential debt financing for a portion of the FKC Middle Reach Capacity Correction Project (Project), we are recirculating potential debt financing scenarios for individual Friant contractors for further review and feedback. It is important to note that at this time, no decisions have been made as to the amount of financing that may be incurred, the specific structure of the financing transaction or the specific allocations among contractors. These financing scenarios (\$50M, \$100M and \$150M) are simply benchmarks and the contractor allocations are based on existing OM&R percentages, and both are presented for discussion purposes only.

As reported at this meeting and previously, FWA is pursuing a variety of funding sources. At some point in the near future, however, the Board will need to provide direction on a potential maximum level of local cost share debt financing to pursue for the Project in order to initiate the process, develop the financing structure and ensure that sufficient funds will be available when and if needed.

RECOMMENDATION

This item is for information only. However, staff would request that responses to the attached “Debt Financing Questionnaire” be returned by each agency on or before January 15, 2020.

ATTACHEMENTS

Debt Financing Questionnaire
Debt Financing Scenarios



DEBT FINANCING QUESTIONNAIRE

Date: December 13, 2019

To: Friant Contractors

Fr: Friant Water Authority and Public Financial Management

Re: Feedback on Debt Financing Scenarios for Friant-Kern Canal Project

INTRODUCTION

The Friant Water Authority (FWA) is pursuing a variety of funding sources for the proposed Friant-Kern Canal Middle Reach Capacity Correction Project (Project). Self-financing by the Friant contractors that utilize the canal will most likely be a component of the Project's funding.

Public Financial Management (PFM), which is assisting FWA in developing a financing plan, has prepared the attached debt financing scenarios for review and feedback by individual Friant contractors. It is important to note that at this time, no decisions have been made as to the amount of self-financing that may be incurred for the Project or the specific allocations among contractors. These financing scenarios (\$50M, \$100M and \$150M) are simply benchmarks and the contractor allocations are based on existing OM&R percentages, and both are for discussion purposes only.

At some point in the near future, however, FWA will need direction on a potential maximum level of debt financing to pursue for the Project in order to initiate the process and ensure that local cost-share funds will be available when and if needed. The information requested in this questionnaire will greatly assist PFM and FWA is developing a financing plan.

INFORMATION REQUEST

A. Based on the attached debt financing scenarios, please provide feedback as to the following:

1. Given these estimated levels of annual debt service and example cost shares, what steps would your agency have to take to fund its annual obligation under each of these scenarios? For example, what level(s) can your agency realistically cover based on existing budget projections, and what level(s) would trigger the need for water rate increases, or increases in taxes or assessments?

2. As to Question No. 1, please advise as to the estimated time required for all approvals necessary for any rate/property tax/assessment increases.

3. For any debt financing through the Friant Water Authority, are you able to include debt service payments as an O&M expense?

4. Please provide any legal restrictions your agency may have that would limit your ability to fund your agency's share of any debt service payments for Project debt issued through the Friant Water Authority.

B. Please advise as to whether you agency intends to: issue bonds or otherwise incur any significant long-term debt in 2020 or 2021 that may impact your agency's ability to assume additional debt service under any of the self-financing scenarios for the Project.

Please send your responses to Don Willard (dwillard@friantwater.org) and Darren Hodge (HODGED@pfm.com) by January 15, 2020.



Debt Service Comparisons

Friant-Kern Canal Middle Reach Capacity Correction Project

December 4, 2019

PFM Financial Advisors
LLC

601 S. Figueroa Street
Suite 4500
Los Angeles, CA 90017

213.489.4075



Hypothetical Cashflow Assumptions

- Cashflow results are illustrative results to demonstrate debt service costs for various size bond transactions

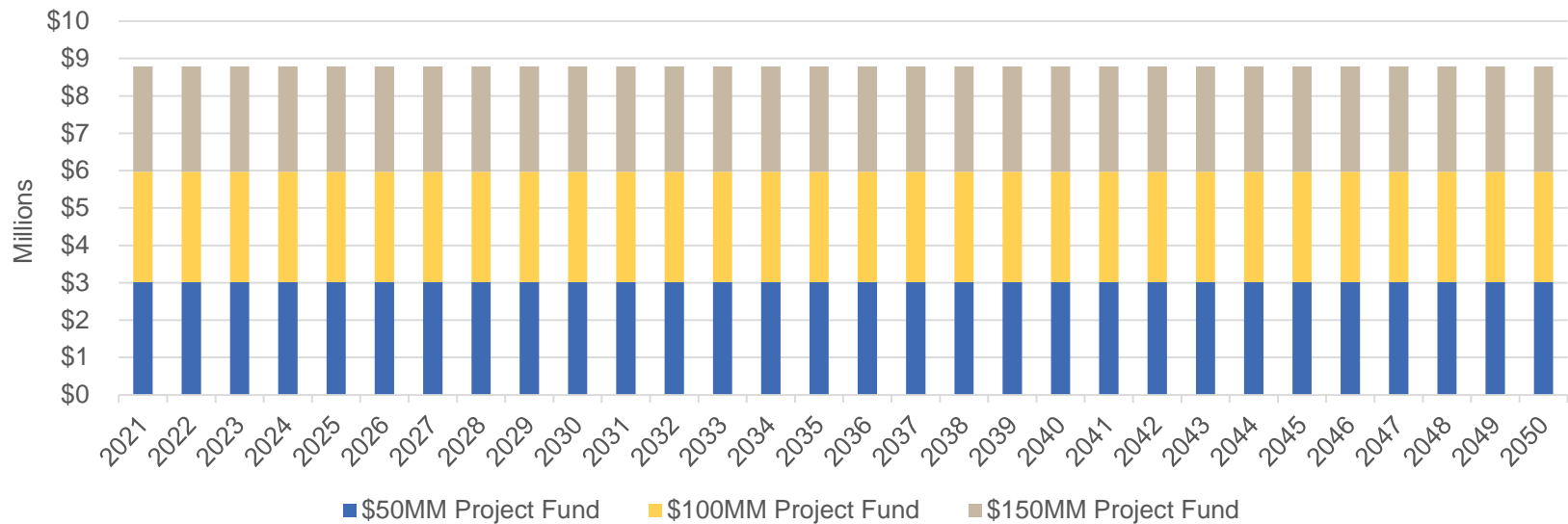
- Structuring assumptions:
 - 30-year level repayment structure
 - Tax-exempt bonds
 - 10-year par call
 - Interest rates reflect 'A' GO MMD as of December 4, 2019 + 50 basis points
 - Debt Service Reserve Fund funded at maximum annual debt service

- Analyses do not reflect opinion of achievable ratings nor marketability of individual structures



Summary of Financing Results – Hypothetical Scenarios

Sources	\$50 MM Project Fund	\$100 MM Project Fund	\$150 MM Project Fund
Par Amount	\$45,305,000	\$90,245,000	\$135,190,000
Premium	8,318,916	16,570,277	24,822,172
Total	\$53,623,916	\$106,815,277	\$160,012,172
Uses			
Project Fund	\$50,000,000	\$100,000,000	\$150,000,000
Debt Service Reserve Fund	2,949,500	5,873,250	8,797,250
Issuance Expenses	674,416	942,027	1,214,922
Total	\$53,623,916	\$106,815,277	\$160,012,172





Participant Repayment Obligations – Hypothetical Scenarios

Annual Debt Service Obligation by Participant

Participants	2020 Participant OM&R Percentage	\$50MM Project Fund	\$100MM Project Fund	\$150MM Project Fund
Arvin-Edison WSD	12.7916%	\$376,713	\$750,867	\$1,125,021
Delano-Earlimart ID	15.4071%	\$453,739	\$904,397	\$1,355,054
Exeter ID	1.6554%	\$48,752	\$97,172	\$145,592
City of Fresno	5.6761%	\$167,161	\$333,187	\$499,213
Fresno ID	1.0212%	\$30,074	\$59,944	\$89,815
Garfield WD	0.3501%	\$10,310	\$20,551	\$30,791
Hills Valley ID	0.0635%	\$1,870	\$3,727	\$5,585
International ID	0.1306%	\$3,846	\$7,666	\$11,486
Ivanhoe ID	0.7510%	\$22,117	\$44,084	\$66,050
Kaweah Delta WCD	0.1443%	\$4,250	\$8,470	\$12,691
Kern Tulare WD	0.0402%	\$1,184	\$2,360	\$3,536
Lewis Creek WD	0.0998%	\$2,939	\$5,858	\$8,777
Lindmore ID	4.1012%	\$120,780	\$240,740	\$360,701
Lindsay-Strathmore ID	2.9749%	\$87,611	\$174,627	\$261,642
City of Lindsay	0.4543%	\$13,379	\$26,667	\$39,956
Lower Tule River ID	13.4283%	\$395,463	\$788,241	\$1,181,019
City of Orange Cove	0.4239%	\$12,484	\$24,883	\$37,282
Orange Cove ID	4.7832%	\$140,865	\$280,774	\$420,682
Porterville ID	2.2830%	\$67,234	\$134,012	\$200,790
Saucilito ID	3.2421%	\$95,480	\$190,311	\$285,143
Shafter-Wasco ID	6.4326%	\$189,440	\$377,594	\$565,747
SSJMUD	11.4587%	\$337,459	\$672,626	\$1,007,793
Stone Corral ID	1.2200%	\$35,929	\$71,614	\$107,299
Tea Pot Dome WD	0.7420%	\$21,852	\$43,555	\$65,259
Terra Bella ID	3.1739%	\$93,471	\$186,308	\$279,145
Tri Valley WID	0.0059%	\$174	\$346	\$519
Tulare ID	7.1451%	\$210,423	\$419,417	\$628,412
		\$2,945,000	\$5,870,000	\$8,795,000





Disclaimer

- *This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation. All statements as to what will or may happen under certain circumstances are based on assumptions, some but not all of which are noted in the presentation. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Past performance does not necessarily reflect and is not a guaranty of future results. The information contained in this presentation is not an offer to purchase or sell any securities*

DATE: December 13, 2019

TO: Board of Directors

FROM: Jeff Payne, Director of Water Policy

SUBJECT: Central Valley Project Improvement Act Credit/Offset True-up Update

DISCUSSION:

Reclamation has been attempting to finalize the CVPIA accounting and other related financial policies. This effort has required Reclamation to simultaneously resolve the following:

- Reconciliation of receipts (fees collected from water and power users)
- Reconciliation of costs to the CVPIA,
- Update the Business Practices Guidelines, to assure the Federal government is reimbursed for CVPIA activities in a manner consistent with law

A draft proposal was announced on November 21, 2019, with follow up meetings scheduled in Northern California, Sacramento, and Los Banos. The announcement of these meetings was accompanied by several summary tables, reflecting compiled information on receipts, costs, and an updated version of the Business Practices Guidelines. (see attachments)

Friant Water Authority staff have responded to Reclamation with the following:

- Itemized and detailed information behind the summary of costs and receipts, to allow for a more thorough inspection of the decisions embedded in Reclamation’s proposal.
- A fourth meeting, in addition to the three identified by Reclamation, within the Friant Division service area to receive comments and answer questions on the CVPIA True-up

Additionally, Friant anticipates sending a request to postpone the comment period beyond January 10, 2020 to accommodate the additional meeting in the Friant service area, as well as a more thorough review and response to the Reclamation Proposal.

ATTACHMENTS:

1. Email from Reclamation
2. Expenditures, Credits, and Offsets (ECO) Report, updated through 2017
3. DRAFT – Estimated surplus for proposed CVPIA accounting approach
4. Restoration Fund aggregated receipts through 2017

Attachment 1

All,

This is a follow-up to the November 21st Roll-out meeting for the CVPIA True-up. First, I want to thank all that were able to join and participate in the meeting – especially given the short amount of advanced notice we were able to provide.

Over the last week, we have received various requests from stakeholders regarding data that underlies the True-up calculations. In order to be responsive to those requests, we are attaching the following additional information:

1. 2017 Expenditures, Offsets, and Credits (ECO) Report. This draft provides the expenditures by activity through 2017. It has been updated to reflect the latest assumptions in the Business Practice Guidelines and also applies the collective water and power receipts to offset the expenditures reimbursable by water and power.
2. Receipts, by year, by source. This provides receipts by year, by source through 2017 that form the basis for the receipts identified in the ECO report and the True-up calculations. Please note that there are a few accounting adjustments identified – generally those adjustments are to address issues where receipts were recorded under one category versus another (such as the Friant adjustments where M&R receipts were erroneously recorded initially as Friant receipts).
3. True-up Calculations (updated from the 11/21 Draft). After careful review, there was a minor error in the calculations provided during the 11/21 meeting. Please see updated calculations (through 2017)

As a reminder, we have scheduled three up-coming Workshops for interested stakeholders to attend. The objective of these workshops is for the Reclamation team members that developed the Draft Business Practice Guidelines and associated calculations to field questions, discuss specific treatment, gather feedback, and assist stakeholders with understanding what the Draft BPG's represent. Hopefully, these workshops will help folks develop specific feedback for the team to consider when finalizing (reminder – written comments are due on Jan 10). Calendar invites for all three of these workshops were sent out earlier this week. If you didn't receive them or would like others to be invited, please email Ann, Heather, Spencer, or myself and we will gladly add you to our growing distribution list.

1. December 2 Workshop, 10 AM – 12 PM:
JPA Conference Room
122 Old Highway 99W
Maxwell, CA 95955
Teleconference Line: 1-877-930-5835 Leader: 5751719 Participants: 3089088
2. December 12 Workshop, 1 PM – 3 PM:
San Luis & Delta-Mendota Water Authority
842 6th Street
Los Banos, CA 93635
Teleconference Line: 1-877-930-5835 Leader: 5751719 Participants: 3089088
3. December 16 Workshop, 1 PM – 3PM:
Western Area Power Administration
114 Parkshore Drive
Folsom, CA 95630

Attachment 1

Teleconference Line: 1-877-930-5835 Leader: 5751719 Participants: 3089088

Hopefully, the additional materials provided today and the workshops over the next few weeks assist stakeholders in understanding how and why the team landed where they did in the DRAFT BPGs and the CVPIA True-up effort, as a whole.

Regards,

Wilson Orvis
Deputy Regional Director (Acting), Business Services
Region 10 – California Great-Basin
720.258.5822 (C)
916.978.5011 (W)

CVPIA EXPENDITURES, CREDITS, AND OFFSETS
TO DETERMINE WATER AND POWER CONTRACTOR REPAYMENT OBLIGATIONS
FY 1993 - FY 2017
PLANT IN SERVICE

DRAFT

Activity	Expenditures by Source of Funds					Percentage Cost Share Obligation			Dollar Cost Share Obligation			
	(1)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	54.903%	30.679%
	Restoration Fund	WRR	Bay-Delta	ARRA	Total Expenditures	Water and Power Contractors	State	Federal Taxpayers	Total	Water and Power Contractors	Water Supply Cost Share Obligation	Power Cost Share Obligation
Water Transfer Program 3405(a)	-	-	3,798,878	-	3,798,878	85.6%	14%	100%	-	3,251,147	2,085,705.18	1,165,442
Anadromous Fish Restoration (b)(1)	124,209,236	3,760,405	22,318,064	-	150,287,705	85.6%	14%	100%	-	128,618,899	82,512,747.61	46,106,151
Other CVP Impacts - HRP (b)(1)	29,295,027	17,937	-	-	29,312,963	85.6%	14%	100%	-	25,086,557	16,093,752.50	8,992,804
Other CVP Impacts - HRP (b)(1) (D-1641)	6,194,439	-	-	-	6,194,439	-	-	100%	100%	-	-	-
Other CVP Impacts - SJ River Restoration (b)(1)	8,306,415	-	-	-	8,306,415	85.6%	14%	100%	-	7,108,778	4,560,487.12	2,548,291
Other CVP Impacts - Bay Delta Activity (b)(1)	0	3,378,000	-	-	3,378,000	85.6%	14%	100%	-	2,890,953	1,854,629.83	1,036,323
Other CVP Impacts - Shasta Activity (b)(1)	0	9,313	-	-	9,313	85.6%	14%	100%	-	7,970	5,113.01	2,857
Other CVP Impacts - Trinity River (b)(1)	18,488,109	45,759,822	116,300	-	64,364,231	85.6%	14%	100%	-	55,084,057	35,338,017.40	19,746,040
Other CVP Impacts - Trinity River - Fac Constr - (b)(1)	2,097,402	47,791,890	-	5,099,087	54,988,379	85.6%	14%	100%	-	47,060,036	30,190,375.42	16,869,660
Other CVP Impacts - Fed. Sci. Task Force (b)(1)	-	-	21,528,516	0	21,528,516	85.6%	14%	100%	-	18,424,488	11,819,842.62	6,604,646
Dedicated Project Yield (b)(2)	12,450,750	26,825	-	-	12,477,574	85.6%	14%	100%	-	10,678,531	6,850,586.62	3,827,944
Dedicated Project Yield (b)(2) (WQCP)	6,704,250	14,444	-	-	6,718,694	-	-	100%	100%	-	-	-
Water Acquisition - Instream Flow (b)(3)	68,543,583	8,023,832	2,664,858	-	79,232,273	85.6%	14%	100%	-	67,808,393	43,501,047.17	24,307,345
Water Acquisition - VAMP (after FY 2012) (b)(3)	185,073	-	-	-	185,073	85.6%	14%	100%	-	158,388	101,610.71	56,778
Water Acquisition - Permanent (b)(3)	1,286	-	-	-	1,286	85.6%	14%	100%	-	1,100	705.79	394
Flow Fluctuation Study (b)(9)	1,166,200	251,032	-	-	1,417,232	85.6%	14%	100%	-	1,212,892	778,105.55	434,787
Reservoir Storage (b)(19)	-	-	-	-	-	85.6%	14%	100%	-	-	-	-
Trinity River Restoration (b)(23)	-	34,634,219	883,705	-	35,517,924	85.6%	14%	100%	-	30,396,873	19,500,473.91	10,896,399
Trinity River Restoration - Fac Constr - (b)(23)	4,864,074	29,492,388	0	-	34,356,462	85.6%	14%	100%	-	29,402,873	18,862,794.30	10,540,079
San Joaquin Comprehensive Plan (c)(1)	21,099,977	895,530	-	-	21,995,507	85.6%	14%	100%	-	18,824,148	12,076,235.65	6,747,912
Amer Rvr Folsom-South Op Study (c)(2)	4,386	651,107	-	-	655,493	85.6%	14%	100%	-	560,882	359,886.46	201,096
Stanislaus Rvr Basin Water Needs (c)(2)	276,311	-	-	-	276,311	85.6%	14%	100%	-	236,472	151,703.56	84,768
Refuge Water Acq-Level 4 (d)(1)(2)(5)	148,988,838	10,664,961	2,500,000	-	162,153,799	-	25%	75%	100%	-	-	-
Refuge Water Convey-Fac Constr(L2) (d)(1)(2)(5)	39,463,138	8,365,588	-	-	47,828,727	100.0%	-	-	100%	47,828,727	30,683,513.00	17,145,214
Refuge Water Convey Fac Const (L2) IDC	0	0	-	-	-	-	-	-	-	-	-	-
Refuge Water Convey-Fac Constr(IL4) (d)(1)(2)(5)	6,902,641	27,963	-	-	6,930,604	-	25%	75%	100%	-	-	-
Refuge Water Convey-Ref Wheeling(L2) (d)(1)(2)(5)	133,206,863	8,343,077	-	-	141,549,940	100.0%	-	-	100%	141,549,940	90,808,384.87	50,741,555
Refuge Water Convey-Ref Wheeling(IL4) (1)(2)(5)	21,313,407	2,231,528	-	-	23,544,935	-	25%	75%	100%	-	-	-
Refuge Water Fac Constr-Action plan lands construction East Bear pump plant	27,525,321	6,825,329	-	-	34,350,650	100.0%	-	-	100%	34,350,650	22,036,936.56	12,313,713
Refuge Water Fac Constr-Action plan lands construction East Bear pump plant	9,111,905	1,721,574	-	-	10,833,479	-	25%	75%	100%	-	-	-
Refuge Water Fac Constr-Volta (L2) (d)(1)(2)(5)	49,530	-	243,176	857,767	1,150,474	100.0%	-	-	100%	1,150,474	738,062.16	412,411
Refuge Water Fac Constr-Volta (IL4) (d)(1)(2)(5)	49,530	-	277,539	1,306,899	1,633,968	-	25%	75%	100%	-	-	-
Refuge Water Fac Constr-Gray Lodge-Pixley (L2) (d)(1)(2)(5)	-	-	-	5,149,214	5,149,214	100.0%	-	-	100%	5,149,214	3,303,369.64	1,845,844
Refuge Water Fac Constr-Gray Lodge-Pixley (IL4) (d)(1)(2)(5)	-	-	-	-	-	-	25%	75%	100%	-	-	-
Private Wetlands Investigation (d)(6)	1,996,640	11,390	-	-	2,008,030	85.6%	14%	100%	-	1,718,508	1,102,472.68	616,035
Supporting Investigations (e)	1,947,325	-	-	-	1,947,325	85.6%	14%	100%	-	1,666,556	1,069,143.86	597,412
Project Fisheries Impact Report (f)	1,416,344	-	-	-	1,416,344	85.6%	14%	100%	-	1,212,132	777,617.97	434,514
Eco/Water System Ops Model (g)	9,654,399	7,861,573	-	-	17,515,971	-	25%	75%	100%	-	-	-
VAMP (FY 2012 and before)	44,747,894	2,273,155	-	-	47,021,049	-	25%	75%	100%	-	-	-
Land Retirement (h)	28,548,621	7,106,474	-	-	35,655,095	85.6%	14%	100%	-	30,514,266	19,575,785.36	10,938,481
Water Conservation (i)	55,217	2,933,682	-	-	2,988,898	-	-	100%	100%	-	-	-
Water Augmentation FWS (j)	1,788,307	-	-	-	1,788,307	85.6%	14%	100%	-	1,530,465	981,837.62	548,627
Subtotal	780,652,435	233,073,037	54,331,036	12,412,967	1,080,469,476					713,484,468	457,720,944	255,763,524
Other Expenses												
San Joaquin River Restoration Program PL 111-11	16,327,625	-	-	-	16,327,625	-	-	100%	100%	-	-	-
CVPIA Administrative Charges 3407	7,363,384	13,763,629	-	-	21,127,013	100.0%	-	-	100%	21,127,013	13,553,590.28	7,573,422
Other Interest Expense Nonreim. 3407	0	-	-	-	-	-	-	100%	100%	-	-	-
Subtotal	23,691,008	13,763,629	-	-	37,454,637					21,127,013	13,553,590	7,573,422
Subtotal - Habitat Rest, Imp & Acq	804,343,443	246,836,666	54,331,036	12,412,967	1,117,924,113					734,611,481	471,274,534	263,336,946
Tracy Pumping Plant (b)(4)	8,177,123	27,807,702	518,774	-	36,503,599	37.5%	25%	37.5%	100%	13,688,849	8,781,793.28	4,907,056
Tracy Test Facility (b)(4)	-	-	-	-	-	37.5%	25%	37.5%	100%	-	-	-
Contra Costa Canal Pump (b)(5)	233,391	2,039,745	7,337	26,302,024	28,582,498	37.5%	25%	37.5%	100%	10,718,437	6,876,187.41	3,842,249
Contra Costa Canal Pump - IDC	0	0	-	0	0	-	-	-	-	-	-	-
Shasta Temp. Control Device (b)(6)	30,496,545	45,898,784	-	-	76,395,329	37.5%	25%	37.5%	100%	28,648,248	18,378,680.76	10,269,568
Shasta Temp. Control Device (b)(6) - IDC	-	-	-	-	-	-	-	-	-	-	-	-
Research Pumping Plant Eval. (b)(10)	1,554,746	0	-	-	1,554,746	37.5%	25%	37.5%	100%	583,030	374,030.41	208,999
Fish Passage Program (b)(10)	679,449	98,502,060	-	112,576,230	211,757,739	37.5%	25%	37.5%	100%	79,409,152	50,943,270.26	28,465,882
Fish Passage Program - IDC	-	0	-	0	-	-	-	-	-	-	-	-
Coleman Fish Hatchery (b)(11)	12,784,171	6,890,786	6,207	-	19,681,164	50%	-	50%	100%	9,840,581.94	6,313,018.23	3,527,564
Keswick Fish Trap Modification (b)(11)	298,949	2,285,871	-	-	2,584,820	50%	-	50%	100%	1,292,410	829,118.42	463,292
Keswick Fish Trap Modification (b)(11) - IDC	-	-	-	-	-	-	-	-	-	-	-	-
Clear Creek Restoration (b)(12)	14,231,671	2,949,704	-	-	17,181,375	-	50%	50%	100%	-	-	-
Spawning Gravel (b)(13)	16,818,623	-	-	-	16,818,623	37.5%	25%	37.5%	100%	6,306,984	4,046,112.56	2,260,871
Riparian Habitat (b)(13)	-	-	-	-	-	37.5%	25%	37.5%	100%	-	-	-
Delta Cross Channel (b)(14)	-	749,943	-	-	749,943	37.5%	25%	37.5%	100%	281,229	180,416.36	100,812
South Delta Barrier (b)(15)	80,001	1,228,169	-	-	1,308,170	37.5%	25%	37.5%	100%	490,564	314,710.95	175,853
Comp. Asses. Monit. Program (b)(16)	27,814,078	4,963,135	-	-	32,777,213	37.5%	25%	37.5%	100%	12,291,455	7,885,324.28	4,406,131
Anderson-Cottonwood ID (b)(17)	102,909	321,351	-	-	424,260	-	50%	50%	100%	-	-	-
GCID - Hamilton City Pump Plant (b)(20)	-	37,223,626	-	-	37,223,626	-	25%	75%	100%	-	-	-
Anadromous Fish Screen Program (b)(21)	84,856,408	38,527,139	17,085,527	-	140,469,074	85.6%	14%	100%	-	120,215,939	77,122,005.77	43,093,934
Ag Waterfowl Incentive Program (b)(22)	4,952,313	-	-	-	4,952,313	85.6%	14%	100%	-	4,238,278	2,718,977.86	1,519,300
Subtotal - Projects and Facilities	203,080,376	269,388,017	17,617,845	138,878,254	628,964,492					288,005,156	184,763,647	103,241,510
TOTAL	1,007,423,819	516,224,683	71,948,881	151,291,222	1,746,888,605					1,022,616,637	656,038,181	366,578,456
O&M										389,386,819	217,580,048	
CONSTRUCTION										266,651,362	148,998,408	
										656,038,181	366,578,456	
Cash Receipts										676,653,616	412,501,807	
subtotal										(20,615,435)	(45,923,351)	
ATP adj										(11,777,800)	11,777,800	
										(32,393,235)	(34,145,551)	
											10,000,000	
										(32,393,235)	(24,145,551)	

DRAFT

Central Valley Project Improvement Act Cost Recovery

	<u>Cost allocated using the Interim 1975 Study</u>			<u>Cost allocated using the final cost allocation study</u>		
	Water (Irr & M&I)	Power	Total	Water (Irr & M&I)	Power	Total
Costs section						
O&M costs	395,202,748	236,980,506	632,183,255	389,386,819	217,580,048	606,966,867
Construction	267,378,420	160,331,561	427,709,981	266,651,362	148,998,408	415,649,771
ATP adj Construction*	(11,809,914)	11,809,914		(11,777,800)	11,777,800	
subtotals	650,771,255	409,121,981	1,059,893,235	644,260,381	378,356,256	1,022,616,637
Payment section						
Payments	676,653,616	412,501,807	1,089,155,423	676,653,616	412,501,807	1,089,155,423
subtotal _negative is Credit	(25,882,361)	(3,379,826)	(29,262,187)	(32,393,235)	(34,145,551)	(66,538,786)
FY 2018 Interim Credit		10,000,000			10,000,000	
		<u>6,620,174</u>			<u>(24,145,551)</u>	

DRAFT - Subject to change before final

Central Valley Project Restoration Fund (CVPRF) Receipts

Fiscal Year	Pre-renewal Charges	Water Transfer Charges	Tiered Charges	Friant Surcharges	Mitigation & Restoration Charges		M&I Surcharges	Non-federal Contributions	Total
					WATER	POWER			
FY 1993				8,771,052.80					8,771,052.80
FY 1994				2,288,281.00	13,219,864.00	5,472,398.00			20,980,543.00
FY 1995				4,717,141.85	18,262,111.53	10,582,808.10			33,562,061.48
FY 1996				8,117,936.12	29,845,306.30	8,328,837.79	1,073.00	531,875.03	46,825,028.24
FY 1997				6,040,928.86	28,648,672.62	1,945,430.21	544.20	36,386.28	36,671,962.17
FY 1998		2,633.64		3,731,935.10	16,051,357.54	4,845,694.78		24.19	24,631,645.25
FY 1999		11,848.60		7,707,059.02	30,069,254.28	10,911,746.18	944.60		48,700,852.68
FY 2000		24,429.94		10,439,549.55	25,109,548.90	11,989,178.62	556.00	(568,285.50)	46,994,977.51
FY 2001		58,419.80	22,608.00	6,444,834.60	21,693,209.47	6,891,001.43	471.30	1,000,000.00	36,110,544.60
FY 2002		59,352.31	178,535.72	7,109,684.23	23,845,030.14	20,556,611.96	903.84		51,750,118.20
FY 2003		53,958.58	231,675.97	7,501,457.37	24,266,518.44	15,809,615.15	1,175.71		47,864,401.22
FY 2004		(202,426.47)	269,410.74	7,439,252.85	26,592,241.59	4,181,758.41	1,576.50		38,281,813.62
FY 2005		(8,216.40)	246,909.12	10,999,981.20	27,372,753.22	18,963,246.78	425.46		57,575,099.38
FY 2006			308,278.20	10,645,286.96	30,429,729.30	13,488,270.70			54,871,565.16
FY 2007			690,759.80	6,529,318.52	27,495,166.11	5,366,833.89			40,082,078.32
FY 2008			204,101.21	5,807,113.22	19,902,776.58	27,011,087.54	1,520.22		52,926,598.77
FY 2009			(191,764.14)	6,922,907.96	18,148,911.32	34,536,088.68	679.50		59,416,823.32
FY 2010			327,066.91		26,155,194.51	10,681,594.24	683.46		37,164,539.12
FY 2011		14.84	192,125.48	(18,270.00)	28,653,547.88	20,960,452.12	1,457,108.92		51,244,979.24
FY 2012		37.10	107,457.03	(162,479.93)	31,898,066.15	20,862,633.16	436,653.78		53,142,367.29
FY 2013		5,640.00	3,553.04		21,783,953.39	17,404,274.04	174,215.74		39,371,636.21
FY 2014			595.55		10,518,827.77	34,320,652.74			44,840,076.06
FY 2015			1,672.44		7,046,451.07	40,389,697.38			47,437,820.89
FY 2016			33,474.00		16,315,119.18	40,954,898.38			57,303,491.56
FY 2017			1,140.59		27,585,209.36	26,046,996.67			53,633,346.62
Total	0.00	5,691.94	2,627,599.66	121,032,971.28	550,908,820.65	412,501,806.95	2,078,532.23	1,000,000.00	1,090,155,422.71

DRAFT

DATE: December 13, 2019

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 legislation and communications activities.

RECOMMENDED ACTION:

None; informational only.

SUGGESTED MOTION:

None; informational only.

DISCUSSION:

State Legislative Affairs

- The Legislature reconvenes on January 6, 2019. Any bill that did not pass out of its committee can be reconsidered. Two-year bills (like SB 559) can be reconsidered. Other near-term deadlines:
 - January 10: Governor’s 2020 Budget released.
 - January 24: Last day to submit new bills to Legislative Counsel.
 - February 17: Last day for new bill to be released.
- FWA staff are working with Senator Hurtado’s office and Legislative leadership to determine pathways for Friant-Kern Canal funding for 2020 via SB 559, a new bill, and/or a natural resources bond, depending on the Board’s direction and interest.

Federal Legislative Affairs

Rep. TJ Cox (CA-21) has introduced the Move Water Now Act, H.R.5316, legislation to address the capacity constriction of the Friant-Kern Canal. This legislation is cosponsored by Committee on Natural Resources Chairman Raúl M. Grijalva (AZ-03), Reps. Jim Costa (CA-16), Josh Harder (CA-10), and John Garamendi (CA-03). FWA staff worked with Rep. Cox on the drafting and introduction of the language. The South Valley Water Association and the California Farm Bureau Federation are also supporters.

After months of negotiations, the White House and House Democrats reached a deal on 12/10 that clears the way for passage of a revised North American free-trade pact, also known as USMCA. The House is expected to vote on USMCA next week. The Senate could complete approval before the end of the year.

Communications

- A joint statement from FWA, San Luis & Delta-Mendota Water Authority, and Tehama-Colusa Canal Authority was released on November 21 responding to the State of California's announcement that it intends to sue the Federal government over the 2019 Biological Opinions.
- eWaterlines were distributed to email list on October 22, and November 19, 2019. The next issue is expected by month's end. If you aren't getting these, or want to add others to the email list, please contact any member of the FWA team or email information@friantwater.org.

Other Activities

FWA submitted comments on two Bureau of Reclamation draft "Directives and Standards" (D&S). On November 4, 2019, a joint comment letter with San Luis & Delta-Mendota Water Authority and Tehama-Colusa Canal Authority was submitted on a D&S for "substantial changes" to transferred works facilities, like the Friant-Kern Canal. On December 9, 2019, FWA also submitted a comment letter on a draft D&S that establishes Reclamation's procedures and guidance for title transfer processes.

BUDGET IMPACT:

None.

ATTACHMENTS:

Statement from water authorities on California's intent to sue over the 2019 Biological Opinions (dated November 21, 2019).



**San Luis & Delta-Mendota Water Authority
Friant Water Authority
Tehama Colusa Canal Authority**

Release: Immediate
November 21, 2019

*Contact: Scott Petersen
San Luis & Delta-Mendota Water Authority
(209) 597-0232 (Cell)*

*Contact: Alexandra Biering
Friant Water Authority
(916) 628-0431 (Cell)*

*Contact: Jeff Sutton
Tehama Colusa Canal Authority
(530) 301-1030 (Cell)*

The following is a joint statement from:
San Luis & Delta-Mendota Water Authority and Friant Water Authority
on the State of California's announcement of intent to litigate Federal Biological Opinions

Sacramento, CA - The State of California today announced its intent to pursue litigation challenging the sufficiency of Endangered Species Act protections in the 2019 Federal Biological Opinions.

"We are disappointed with the decision of the State to announce its intent to turn away from cooperation and rely instead on litigation to address its concerns.

We share the belief that scientifically based, collaborative processes are the future of California's water management and will lead to common solutions to end decades of litigation that have failed to produce meaningful results for California's communities or its fisheries.

The new Biological Opinions are more protective than past Biological Opinions and utilize the best scientific and commercial data available. These new Opinions underwent two independent peer reviews that upheld their findings. The California Department of Water Resources has collaborated with the federal agencies in the development of the biological opinions and provided significant input that has been incorporated by their federal partners.

Throughout the development of the Biological Opinions, the State has had numerous opportunities to pinpoint any deficiencies they believe exist, and the proposed action being evaluated was modified to address concerns expressed by the California Department of Fish and Wildlife. It is critically important that the State identify the deficiencies that they believe can only be resolved through litigation.

Any outstanding issues could have been resolved in a collaborative approach, and it is unfortunate that the State is indicating an intent to litigate instead of pursuing a more cooperative approach. This return to litigation raises concerns about our ability to pursue meaningful adaptive management strategies in the Voluntary Agreement process and threatens the good faith negotiations that have taken place to this point.

Public water agencies that contract to receive Central Valley Project water are committed to moving forward collaboratively, seeking measurable successes and ending species management by litigation, which has not only failed to produce results for Californians, but has pushed species and ecosystems to the breaking point."

#

Original statement from the U.S. Bureau of Reclamation dated November 21, 2019, and shared for context:

In light of Governor Newsom's announcement regarding the State of California's intent to sue the federal government on the Central Valley Project (CVP) and the State Water Project (SWP), please see the below statement from Brenda Burman, Commissioner of the Bureau of Reclamation:

"From the beginning, we've been focused on cooperative solutions with the State of California to bring reliable water supplies to farms, families, communities and the environment. Today's announcement by Governor Newsom is disappointing in his preference to have judges dictate these important projects instead of the career professionals at the federal and state levels who have developed a plan based on the best science and significant input from the public. If that's their choice, we'll see them in court."

Background

The U.S. Bureau of Reclamation oversees the CVP. The U.S. Bureau of Reclamation, National Marine Fisheries Agency, and the U.S. Fish and Wildlife Service have all worked closely with the state on the biological opinions since reinitiation was announced in August of 2016. As such, the final biological opinions included significant modifications based upon the state's feedback.

When the Bureau of Reclamation and California's Department of Water Resources requested reinitiation, they recognized in 2016 that there was a need to explore potential alternatives to operating the CVP and SWP and to take advantage of advancements in our scientific knowledge. Without question, the National Marine Fisheries Service and U.S. Fish and Wildlife Service biological opinions represent the best available science and included two independent peer reviews.

Agenda Report

No. 14.E

DATE: December 13, 2019
TO: Jason Phillips, CEO
FROM: Austin Ewell
SUBJECT: Water Blueprint for the SJV

SUMMARY:

The Water Blueprint for the San Joaquin Valley (Group) held its tenth meeting on November 12th. Representatives include directors of Farm Bureaus, Water Authorities, Districts, Growers, Trade Associations, Fresno State, GSAs and white land interests. The Group is developing a comprehensive and collaborative plan that the SJV (broad coalition) can advocate for and that focuses on solutions in coordination with key stakeholders. The Group is working with state representatives to include the Blueprint into the Governor's Water Resiliency Plan (WRP). The Group submitted a comment Brochure for the Governor's Water Resiliency Portfolio on September 27th.

The Group hired a Project Manager (Tal Eslick) with a specific focus on the Socio Economic Report. The Group and Committees is following up on its WRP submittal and how best to pursue the goals of the Blueprint and work in conjunction with other stakeholders. The committees are working on the following matters:

- 1) Regional Representation & Technical Support: The Education Non Profit contracted for the preparation of a socioeconomic study and is being coordinated by Eslick and the Blueprint Steering Committee with assistance from technical experts Stantec and MBK. The Group is also pursuing additional technical funding sources through BOR and DWR. BOR has indicated a willingness to provide a representative to attend meetings and look at funding through their budget.
- 2) Engagement and Outreach (i.e. Disadvantaged Communities, Environmental Organizations & Urbans). The committee has set up a meeting with eNGOs and Brattle Group to go over the Socioeconomic Study. It continues to meet with organizations and entities to educate them and pursue their engagement in the Blueprint. It is looking to develop a principles list with coordination with these groups to help add credibility, build trust and avoid confusion. An Economic Summit was held in Fresno, CA on November 6-8, Secretary Ross and the Governor, and members of the Blueprint attended and presented. A specific breakout session was conducted on the Blueprint. Numerous meetings and discussions took place at ACWA during its' December conference.
- 3) Funding, Finance & Governance: Blueprint Partners are continuing to send in contributions and are continuing to meet with their organizations to request contributions of up to \$15,000. An updated budget is being prepared for 2020 to reflect the governance structure, a project manager and the economic report as well as related services.

4) Advocacy & Public Relations: Committee met in Sacramento on November 25th with advocacy assets to discuss priorities, which include the unveiling of the WRP, Governor's budget and additional support, including the possibility of holding a legislative hearing on the Report. Blueprint and Committee members are meeting with key Administration officials about the details and implementation of the Blueprint. It will continue to work with key stakeholders and the administration to fold the Water Blueprint into the governor's Water Resiliency Plan (WRP) and possible Bonds and funding.

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.

SUGGESTED MOTION: (A MOTION TO (APPROVE/ADOPT/AUTHORIZE, ETC.))

There is no motion at this time.

BACKGROUND:

The Blueprint concept was first discussed by the Board of Directors during their 2018 Board Retreat in late November and at the December 2018 meeting the Board directed FWA staff and consultants to scope out the potential collaborative effort and develop a plan to include the SJV. Since that time the following activities have occurred:

- Extensive outreach to form a broad collation of stakeholders and identification of others to be potential partners.
- Monthly meetings since January have been held with DACs, eNGOs, water districts, commodities groups, growers, ACWA, Governor's Administration, Reclamation, DWR, elected and other stakeholders to develop the Blueprint, obtain support, and identify additional potential partners.
- Large Group meetings will continue with the goal of adding of key partners. Executive Committee meetings will continue in coordination with the sub committees and steering committee. Continue strategy to address and succeed on the goals identified.

DISCUSSION:

The Board will be presented with the status, approach and strategy that the Group identifies, which includes funding, the socioeconomic report and WRP.

BUDGET IMPACT:

None

ATTACHMENTS:

None



Operations & Maintenance Report

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

October 2019

OPERATION & MAINTENANCE REPORT

SAFETY, EDUCATION & TRAINING

Safety

- Operations and Maintenance staff attended their department's monthly safety meeting and tailgate sessions.

Education & Training

- Employees discussed proper housekeeping around the maintenance buildings. Proper housekeeping includes cleaning oil spills, sweeping shop floors daily, repairing potholes in parking areas, properly storing boxes and other articles, and maintaining a clean and orderly workplace.

Accidents & Injuries

- Friant staff has worked 1,368 days without a lost-time injury accident.

MAINTENANCE SUPERVISION

GENERAL SUPERINTENDENT REPORT

Subsidence

- Staff worked with Towell surveying and Stantec on surveying operational data for the canal from MP 88.5 to MP 152.1.
- Staff continued to work with Stantec on environmental compliance from MP 88.22 to MP 121.8 for the new canal alignment project and on canal hydraulic modeling for the Water Quality program.
- Staff attended Kern County Hazard Mitigation meetings in Bakersfield.
- Staff attended a companywide Endangered Species Training at the Lindsay headquarters.
- Attended a meeting between Tulare County and USBR on the City of Strathmore project.
- Staff meeting with administration staff and staff mechanics on RTA software management.
- Staff facilitated a property line dispute between a private landowner and USBR in the Delano section.
- Staff met with aquatic herbicide distributors and Friant staff in the unlined section for the ongoing milfoil problem.

Personnel Items

- Staff worked on several personnel items, including annual reviews, policy conformance, and other matters.

CONSTRUCTION & MAINTENANCE

FOREMEN REPORTS: ORANGE COVE, LINDSAY, & DELANO 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
		Orange Cove	Lindsay	Delano		
Clearcast	Gal	0	0	0	0	2.5
Copper Sulfate - Old Bridge	Lbs.	0	0	0	0	0
Copper Sulfate - Chem One	Lbs.	3900	2750	1100	7750	20650
Argos Copper	Gal	0	0	0	0	0
Captain XTR	Gal	0	0	0	0	0
Deploy	Gal	10	0	0	10	22.50
Diphacinone	Lbs.	6	0	0	6	123
Diuron 4L - Loveland	Gal	0	0	0	0	0
Diuron 4L - Drexel	Gal	1060	530	530	0	2120
Lifeline	Oz	0	0	0	0	0
Weather Guard Complete	Oz	0	0	0	0	128
Finale	Oz	0	0	0	0	0
Milestone VM	Oz	0	0	0	0	0
Roundup - Custom	Gal	12	0	4	16	1174
Roundup - Pro Conc	Gal	80	76	4	160	1299
Forfeit 280	Oz	1168	580	0	1748	1484
Sonar Genesis	Gal	0	0	0	0	2

- Delano weed and pest applicators continue the use of Roundup Custom as part of the annual weed control program in the Lake Woollomes Reservoir right-of-way areas.
- Delano weed and pest applicators continue the use of Roundup Pro concentrate as part of the annual weed control program in the Delano maintenance section.
- Delano maintenance staff continue the application of copper sulfate as part of the algae control program in the Delano maintenance section.
- Lindsay maintenance staff continue the application of copper sulfate as part of the algae control program in the Lindsay maintenance section.

- Lindsay maintenance staff continue the application of Roundup and Lifeline for the post-emergence control of grasses and broadleaf weeds along the canal and right-of-way.
- Lindsay maintenance staff continue the use of the GopherX unit for the control of California ground squirrels.
- Orange Cove maintenance staff continue the application of Roundup Pro as part of the annual weed control.
- Orange Cove maintenance staff continue the application of Diphacinone to the canal right-of-way for the control of California ground squirrel.
- Orange Cove maintenance staff continue copper sulfate applications.
- Orange Cove maintenance staff continue the removal of accumulated vegetation from siphon inlets.
- Orange Cove maintenance staff continue the removal of woody vegetation from canal embankment and toe as directed in the most recent Operations and Maintenance exam.
- Orange Cove maintenance staff cleaned out several cross drainages filled with debris.

Canal & Diversion Structures

- Delano maintenance staff continue embankment maintenance to embankments and around blockhouses, turnouts, bridge abutments, etc. using a utility tractor, motor grader, and earth moving equipment. By backfilling eroded areas, and compacting and grading in materials, embankment maintenance will prevent erosion to the inside/outside banks, roads, gate structures, and concrete liner.
- Delano maintenance staff continue painting bar gates, bollard posts, guard railings, warning signs, liner markers, structures, security fence wings, electrical panels, and blockhouse doors.
- Delano maintenance staff continue their structure gate maintenance for the year. Repairs made on radial and slide gates such as oil leaks, gearboxes, motor couplers, wire rope inspection, etc. Staff lubricated grease points and wire ropes, repaired metalwork, made security fence repairs, deck cleaning, touch up painting, buoy ball and wire rope replacement, and debris removal.
- Lindsay maintenance staff initiated the removal of the check gate motors and gearboxes on Rocky Hill, 5th Ave, Tule And Deer Creek Check Structures. The engines/gearboxes replaced with a standardized motor/gearbox assembly.
- Orange Cove maintenance staff continue to remove debris from the waterways and at check structures that have been blown or dumped into the canal.
- Orange Cove maintenance staff conducted inspections of the lining and made notes for areas needing repairs.
- Orange Cove maintenance staff built and repaired fencing in several locations.
- Orange Cove maintenance staff repaired or replaced several copper bins that had rotted out.



Delano maintenance staff continues embankment maintenance



Lindsay maintenance staff continued with the removal of the check gate motors and gearboxes at various locations

O&M Roads

- Delano maintenance staff continue the application of road base gravel and decomposed granite to various checks and turnout structures to prevent erosion and to ensure safe vehicle entry during wet conditions. Gravel base is $\frac{3}{4}$ inch crushed rock spread out with a dump truck and graded in using a utility tractor.
- Lindsay maintenance staff initiated the grading of the canal roadways in the Lindsay maintenance section.
- Lindsay maintenance staff initiated the cleaning/inspection of the wooded farm bridges in the Lindsay maintenance section. As needed, the running pads and deck boards were replaced, and the wooden components of the bridge were sprayed with Copper-Coat wood preservative.
- Orange Cove maintenance staff continue road patching repairs on Friant-Kern Canal operation roadways.
- Orange Cove maintenance staff began grading the canal's non-operational roadways and wide areas as necessary.
- Orange Cove maintenance staff continues to grade roadways to provide a safe road condition, promote proper drainage, and allow for a proper pre-emergent application.



Delano maintenance staff initiated the replacement of broken/wore down bridge timber running pads on eight farm bridges



Orange Cove maintenance staff inspected bridges

Yard & Building

- Delano maintenance staff continue to perform their routine maintenance and repairs, such as yard cleaning, warehouse and shop housekeeping, vehicle and equipment fixes, facility improvements, and office duties.
- Delano maintenance staff initiated the replacement of broken/wore down bridge timber running pads on eight farm bridges.
- Delano maintenance staff installed bridge railing to prevent vehicles and farm equipment from entering canal prism.

Right-of-Way Maintenance

- Delano maintenance staff continue the removal of illegally dumped trash and debris from gate structures. All trash and debris removed from the Friant-Kern Canal right-of-way will be transported to the local solid waste/ recycling facility.
- Delano maintenance staff continue the bar gate and bollard post repairs and installations. Bar gates and bollard posts are necessary for the prevention of unauthorized vehicles from entering the Friant-Kern Canal right-of-way and structured areas.
- Delano maintenance staff continue to repair and install security fencing to prevent public access from entering the Friant-Kern Canal right-of-way and structured areas.
- Orange Cove maintenance staff continue 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.
- Orange Cove maintenance staff repaired washouts and installed funnel drains, replaced several signs on the Friant-Kern Canal, and repaired several gates on the Friant-Kern Canal roads as well

Vehicle & Heavy Equipment

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

DELANO, ORANGE COVE & LINDSAY	TYPE	QUANTITY
In-House Inspections	B – Semi-annual	2
	C - Annual	2
	E - Equipment	0
	BIT - 90-Day Heavy Equipment	0
Outside Inspections	B – Semi-Annual	0
	C - Annual	0
	Smog Test	0
	Smoke Test	0
DELANO, ORANGE COVE & LINDSAY	TYPE	QUANTITY
In-House Repairs	Light Vehicles	8
	Trucks	3
	Heavy Equipment	6
	Utility Equipment	4
Outside Repairs	Light Vehicles	0
	Trucks	0
	Heavy Equipment	0

ENGINEERING ACTIVITIES

ENGINEER AND ENGINEER TECHNICIAN REPORT

SENIOR ENGINEER

- Conversion to the NAVD '1988 datum:
 - The USBR & Stantec (parallel canal) uses the '88 datum.
 - The older 1929 NGVD datum will be in 2020 structure books for easy comparison with the newer 1988 datum shown on other plans and older records.
 - The USBR is currently keeping the MP-Mile Post markings along the canal.
- Reviewing Stantec October 2019 plans for the parallel canal. (middle reach MP 88-120)
 - They are listed at 30%, so detail not shown. It does give a good idea of intent.
 - It included Soil Reports and HEC-RAS computer water modeling hydraulics.

- Monitoring Lindsay-Strathmore Irrigation District leak at Burr Drive, adjacent to the FKC at MP 82.71. The LSID manager thought they had it fixed. The flows seem lower, but the leaking continues.
- Tulare County continues design for ‘Strathmore Creek’ flooding into Strathmore.
 - Tulare County has had plans to alter the underdrain for Strathmore Creek at FKC MP 90.
 - The USBR is meeting with Tulare County and FWA. USBR requested calculations, and some plan changes to ensure there is no hazard to the canal.
 - USBR asked the county to apply for Warren Act Agreement.
 - The County of Tulare is required to make direct requests to USBR to allow temporarily pumping into the canal during emergencies.
- Pump Back Project is on hold before other steps can proceed.
 - P&P is awaiting Stantec hydraulics and a 60% plan for the Middle Reach Subsidence. The projects expected until April. This affects two of the three pump sites at Deer Creek and Lake Woollomes.
 - PG&E still has not reviewed the Shafter Pump site; development of a new contract in process for P&P 100% plan completion for Shafter only.
 - P.G.E. power requirements and construction schedule are delayed by
 - Recapture Water Quality Formulation Plan by Stantec.
 - Identifying construction funding source for each of the three sites.

ENGINEERING TECHNICIAN

- The completed structure book update is related to the updated Arial ROW book. It includes newer elevations from 1955 USBR as-built plans.
- The creation of a new structure book for 2020 is in process for the new NAVD '88 datum.
- The preparation of the GIS system set-up of canal records is in process.

OPERATIONS ACTIVITIES

OPERATIONS SUPERVISOR REPORTS

- Operations Staff during the month of October delivered 103,527 acre-feet. Total water delivered year-to-date to FKC Contractors was 1,425,344 acre-feet.
- Reported sump pump deliveries of 10 acre-feet and year to date total of 152 acre-feet.
- Staff performed 24 head tests to quantify and qualify the transmitters.
- Staff Adjusted 18 transmitters and reset zeroes after calibration.
- Staff completed and sent out the ROWD's for September.
- Staff replaced the conduit for the Saucelito #3 transmitter.
- Staff Installed a new power board in the Exeter #5 Honeywell.

- Staff repaired the conduit for the Ivanhoe #7 sensor wire.
- Staff removed a sump pump at Garfield.
- Staff closed PID gates for the end of season.
- Staff replaced a GFI outlet at the Exeter #6 turnout for the Honeywell recorder.

SCADA

- Programming for eight Maple System touchscreen controllers using the EasyBuilder Pro software is complete. Installed at following locations: Shafter Check, North Kern turnout, Rocky Hill Check, Dodge Avenue Check, Sand Creek Check, Little Dry Check, Gould Canal, and Kings River Check. All controllers tested 100%.
- The micro switch for the water level alarm at Deer Creek was repaired.
- The SCADA system batteries for backup power have been replaced at the Little Dry and Rocky Hill blockhouses.
- A 110v power outlet was installed in the City of Orange Cove Honeywell cabinet for the ScadaPACK controller and the Cradlepoint modem. A modem was established at this site, and programming was completed for the Honeywell recorder and the ScadaPACK controller and reconfigured the ClearSCADA HMI to match the changes made for the controller.
- An IOS leadership meeting was held to discuss all phases of the project, from water order data to rider reports.

Electrical

- Staff replaced a float switch for sump #10 near the Sand Creek Check.
- Staff pulled a faulty sump pump in preparation for the new motor hookups.
- Staff installed a new exhaust fan in the maintenance bathroom.
- Staff disconnected specific gate motors at the following sites in preparation for motor replacement: Kern Check, Shafter Check, Woollomes, Poso Creek, and Kaweah River.
- Staff tied in new motors at Tule River, 5th Avenue, Rocky Hill, and Deer Creek.

INFRASTRUCTURE MANAGEMENT

DIRECTOR OF TECHNOLOGY REPORT

Administrative Support

- Staff continued to provide the Accounting Technician with reconciliation, voucher completion, and invoice collection support.
- Staff met, arranged, and finalized for the December employee appreciation luncheon.
- Staff worked with the Superintendent and mechanics to create a process for the input of vehicle odometer readings, which is the basis of the fleet management preventative maintenance program.
- Staff continues to provide administrative services for the Director of Water Policy, which includes calendar management, email filtering, and interfacing with accounts payable.

Information Technology Management

Staff continued the development of the Authority's Intellisite Operation Services (IOS). The following are the items of significance:

- Eyes-On program has completed the pre-set camera views within the IOS platform providing staff with pictures of each check structure gates, bridge, and staff gauge. Snapshots
- The Automation of the Ditch Rider Report data gathered by the Canal System Operators is in the second week of testing. Barcodes have been attached to all recorders in the Lindsay, Orange Cove, and Friant sections, with extensive testing being performed by the Lindsay Canal System Operator. The application allows staff to use mobile devices to scan the barcode of the sensor, input the data fields, record comments, and upload photos and videos. The data is uploaded to the IOS database in real-time, creating real-time operational awareness and transparency.
- Staff continues to work on the input of water orders within IOS.

Staff continued to develop projects and manage outside consultants to meet the requirements of the accounting department. Significant activities are:

- The development of the ability to import the Authority's Excel-based timesheets into the Payroll module of the accounting software. The automated import will reduce errors and save a significant amount of staff time. Staff is working with Columbus Global on the creation of a Statement of Work to present to the Chief Financial Officer for approval.
- Staff continues to work with Grossmayer and Associates and other Great Plains accounting software consultants on the production of a Project(s) Assessment. The project assessments will address the Accounting Operations Administrator's fourteen requests for improvements/services within the Authority's Great Plains accounting system.
- Staff continued to work with Stantec on the Water Quality group activities.

DATE: December 13, 2019

TO: Board of Directors

FROM: Jeff Payne, Director of Water Policy

SUBJECT: Airborne Snow Observatory Program Update

SUMMARY:

DWR convened an Airborne Snow Observatory (ASO) Steering Committee meeting on Friday, October 18, 2019 to discuss (a) the veto of SB487 and status of other funding efforts (b) plans for watershed funded surveys in the coming year and (c) the long-term future of the program. Reclamation has secured funding for 4 to 5 surveys and related modeling for the San Joaquin inflows to Friant Dam are secure for the coming winter. Other basins are looking for ways to keep the program from dropping while a renewed effort is organized to obtain State or Federal funding.

DISCUSSION: Senator Caballero, who sponsored Senate Bill 487 (SB487) to fund ASO, and her staff continue working with Friant staff to understand options for re-introducing the bill. Additionally, the Kings River Water Agency is conducting outreach on behalf of all ASO beneficiaries in Sacramento, with the aim of having ASO adopted as part of the Governor's pending Resilience Portfolio.

For the coming year, DWR will not be able to act as contracting agent, so surveys will need to be coordinated between individual basins and the contractor that is standing up flights (ASO Inc.). Reclamation has funding to cover an estimated 4 to 5 surveys and forecasts and is on track to conduct an initial flight on February 1, 2020. DWR staff has indicated a desire to continue using ASO data for basins being surveyed in 2019-20, even if conducted under the direction of external or private organizations. If public funding becomes available this winter, the soonest that DWR would be able to re-initiate surveys is in the winter of 2020-21. DWR typically requires 18 months to initiate contracts for new programs, such as what ASO would require. Reclamation is seeking \$1 million for surveys of the San Joaquin next winter,

RECOMMENDED ACTION:

No Action.

BUDGET IMPACT:

No Budget Impact.