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Fresno, California 93725

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@kingsrivercd

August 4, 2020

D. Paul Stanfield, President  
Gregory H. Beberian, Vice President  
David Cehrs, PhD  
Ceil W. Howe, Jr.  
Mark C. McKean  
Chris Kapheim  
Masaru Yoshimoto

BOARD OF DIRECTORS  
  
of the  
  
KINGS RIVER CONSERVATION DISTRICT

Gentlemen and Members of the Public:

The Regular Monthly Meeting of the Board of Directors of the Kings River Conservation District is to be held on **Tuesday, August 11, 2020, via ZOOM Web/Teleconference. The web link and call-in information are on the Agenda.**

**The Regular Monthly Meeting will begin at 1:30 p.m.**

As a result of the COVID-19 emergency and the Governor's Executive Orders N-29-20 and N-33-20, this meeting will occur via remote presence by video and teleconference. There will not be a physical public access location. The District is conducting the meeting in this manner to protect public health by avoiding public gatherings and requiring social distancing. At the same time, the District remains committed to transparency. Members of the public will be able to listen to and watch the meeting, and comment if desired. Public comments and questions will only be possible during the agendaized Public Comment portion of the meeting. Please see the pages between this notice and the agenda for guidelines and an idea of what to expect.

The patience and cooperation of all participants is appreciated. While every effort has been made to streamline the experience and conduct meetings in the manner to which our stakeholders have grown accustomed, there may be technical issues and human error. We will attempt to promptly correct any issues that arise.

Individuals who require special accommodations are requested to contact the Assistant Secretary of the Board by phone at: (559) 237-5567 or by email at: [cmclaughlin@krcd.org](mailto:cmclaughlin@krcd.org).

Sincerely,

Paul G. Peschel,  
Board Secretary

PP/cm

File: 200.01

BOARD OF DIRECTORS

Division I, CHRIS M. KAPHEIM, Dinuba · Division II, MASARU YOSHIMOTO, Fowler · Division III, GREGORY BEBERIAN, Fresno · Division IV, MARK MCKEAN, Riverdale · Division V, D. PAUL STANFIELD, Hanford  
Division VI, CEIL W. HOWE, JR., Stratford · Division VII, DR. DAVID CEHRS, Sanger

OFFICERS

D. PAUL STANFIELD, President · GREGORY BEBERIAN, Vice President · PAUL PESCHEL, General Manager · Secretary · BRIAN TREVARROW, Auditor



## Agenda

### KINGS RIVER CONSERVATION DISTRICT Board of Directors Meeting

Date: August 11, 2020 – Tuesday

Time: 1:30 P.M.

Location: Web or Teleconference via **ZOOM**

**ZOOM Link:** <https://us02web.zoom.us/j/86101105735?pwd=R0Y2TkthY3FaV0syUzNPRXJtbEJjUT09>

**ZOOM Call-In:** +1 669 900 6833 ; Meeting ID: 861 0110 5735 ; Password: 628933

**ZOOM One-Tap Mobile:** +16699006833,,86101105735#,,,,,0#,,628933#

1. Additions to or Deletions from the Agenda
2. Public Presentations or Comments  
Presentations or comments by the public on matters on the agenda and within the jurisdiction of the Board, limited to a timeframe set by the Board President. *This is the only portion of the meeting where the public can comment.*
3. Approval of Minutes of the July 14, 2020 Regular Board Meeting

### REPORTS

4. Water Conditions (KRW Staff)  
The Kings River Watermaster or Staff will give a report on the water storage on the Kings River system, inflow and outflow at Pine Flat Reservoir, and the available flood control space on the system.
5. Directors' Reports  
Each member of the Board will have the opportunity to report on meetings and conferences attended during the prior month on behalf of the District. No action will be taken.
6. Staff Reports  
The Board will receive reports on the prior month's activities from members of the District management staff:
  - a. Paul Peschel, General Manager
  - b. Cristel Tufenkjian, Director of External Affairs
  - c. Charlotte Gallock, Director of Water Resources
  - d. David Merritt, Deputy General Manager
  - e. Brian Trevarrow, Chief Financial Officer

### ACTION ITEMS

7. Financial Report
  - a. Budget Expenditures (Brian Trevarrow)  
The Auditor will present expenditure to budget comparison reports for the period ending July 31, 2020. In addition, the monthly investment report for July 2020 will be presented.
  - b. Review of Monthly Disbursements (D. Paul Stanfield)  
A member of the Board will report on his review of all bills paid subsequent to the last Board meeting, the current accounts payable, and will make a recommendation at the meeting.

8. CLOSED SESSION 2:30 p.m. (Paul Peschel)  
Government Code Section 54956.9(d)(2) To confer with its Legal Counsel regarding exposure to one matter of potential litigation.
9. RECONVENE FROM CLOSED SESSION/REPORT CLOSED SESSION ACTIONS

## ADJOURNMENT

Note: The public will be given the opportunity to address the Board on any item on the agenda before the Board's consideration of that item. The President may limit the total amount of time allocated for public testimony on particular issues for each individual speaker.

A person with a qualifying disability under the Americans with Disabilities Act of 1990 may request the District provide a disability related modification or accommodation in order to participate in any public meeting of the District. Such assistance includes appropriate alternative formats for the Agendas and Agenda packets used for any public meetings of the District. Requests for such assistance and for Agendas and Agenda packets shall be made in person, by telephone, facsimile, or written correspondence to the Secretary to the Board of Directors of Kings River Conservation District at the District offices: 4886 E Jensen, Fresno, CA, 93725, at least 48 hours before a public District meeting.

Materials related to any item on this Agenda submitted to the District at the time of or after distribution of the agenda packet are available for public inspection in the District's Office at 4886 E. Jensen Avenue, Fresno, CA during normal business hours or by calling (559) 237-5567.



**Minutes**

KINGS RIVER CONSERVATION DISTRICT  
Board of Directors Meeting

**Date:** July 14, 2020 – Tuesday  
**Time:** 1:30 p.m.  
**Location:** 4886 E. Jensen Avenue, Fresno

President Stanfield called the meeting to order at 1:32 p.m.

**DIRECTORS PRESENT**

Paul Stanfield, President  
 Gregory Beberian, Vice President (via Zoom)  
 David Cehrs, Ph.D. (via Zoom)  
 Ceil W. Howe Jr. (via Zoom; absent after 3:33 p.m.)  
 Chris Kapheim (via Zoom)  
 Mark C. McKean  
 Mike Yoshimoto (1:45 p.m.)

**DIRECTORS ABSENT**

None

**OTHERS PRESENT**

KRCD Staff  
 Paul Peschel  
 David Merritt  
 Brian Trevarrow  
 Cristel Tufenkjian (via Zoom)  
 Charlotte Gallock (via Zoom)  
 Rebecca Quist (via Zoom)  
 Stacy Wright (via Zoom)  
 Corey McLaughlin

Consultants & Others  
 Steve Haugen (via Zoom)  
 Matthew Meadows (via Zoom)

**ROUTINE OPENING BUSINESS**

1. Additions to or Deletions from the Agenda

None.

2. Public Presentations or Comments

None.

3. Approval of Minutes of the June 9, 2020 Regular Board Meeting

It was moved by Director Howe, seconded by Director Cehrs, and unanimously carried, that the minutes of the June 9, 2020 Regular Board Meeting be approved.

Roll Call Vote:

Director Stanfield: Aye  
 Director Beberian: Aye  
 Director Cehrs: Aye  
 Director Howe: Aye  
 Director Kapheim: Aye  
 Director McKean: Aye  
 Director Yoshimoto: ABSENT

**REPORTS**4. Water Conditions

The Kings River Water Association Water Master reported on water storage on the Kings River System, inflow and outflow at Pine Flat Reservoir, and the available flood control space on the system.

5. Directors' Reports

Director Cehrs reported that data indicates evapotranspiration rates have increased this year.

6. Staff Reports

The Board received reports on the prior month's activities from members of the District management staff:

- a. Paul Peschel, General Manager, reported the following:
  - i. State and Federal legislative, budgetary, and regulatory activities of note.
  - ii. Upcoming events and meetings of note.
  - iii. Addressed questions from Board Members on several items.
- b. Cristel Tufenkjian, Director of External Affairs and Rebecca Quist, Public Affairs Associate, presented on the District's social media strategy.
- c. Charlotte Gallock, Director of Water Resources, reported the following:
  - i. Developments with CV-SALTS and the Management Zones.
  - ii. Various Kings River Water Quality Coalition membership activities and submittal processes.
  - iii. Progress of the various drinking water fill station projects.
  - iv. Activities and developments related to SGMA.
  - v. Addressed questions from Board Members on several items.
- d. David Merritt, Deputy General Manager, reported the following (resumed at 3:33 p.m.):
  - i. Performance and activities at Pine Flat power plant, including generation, Unit 4 development progress, and an annual report.
  - ii. FERC relicensing process
  - iii. Flood Management Project award for the McMullin Project
- e. Brian Trevarrow, CFO, had nothing to report beyond his written report.

**ACTION ITEMS**7. Financial Reporta. Budget Expenditures (Brian Trevarrow)

The Auditor presented expenditure to budget comparison reports for the period ending June 30, 2020. In addition, the monthly investment report for June 2020 was presented.

b. Review of Monthly Disbursements (Mark McKean)

It was moved by Director McKean, seconded by Director Yoshimoto, and unanimously carried, that bills in the amount of \$632,241.60, as presented in the schedule of Disbursements and Current Accounts Payable, be approved and ordered paid.

Roll Call Vote:

Director Stanfield: Aye

Director Beberian: Aye

Director Cehrs: Aye

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Director Howe: ABSENT  
 Director Kapheim: Aye  
 Director McKean: Aye  
 Director Yoshimoto: Aye

8. Annual Report of Reimbursements (Brian Trevarrow)

It was moved by Director Cehrs, seconded by Director Yoshimoto, and unanimously carried to receive the District's Annual Report of Reimbursements for the Fiscal Year ended June 30, 2020, in accordance with Government Code Section 53065.5.

Roll Call Vote:

Director Stanfield: Aye  
 Director Beberian: Aye  
 Director Cehrs: Aye  
 Director Howe: ABSENT  
 Director Kapheim: Aye  
 Director McKean: Aye  
 Director Yoshimoto: Aye

9. CLOSED SESSION 2:33 p.m. (David Merritt)

The Board adjourned to Closed Session pursuant to Government Code Section 54956.9(d)(2), to confer with its Legal Counsel regarding exposure to one matter of potential litigation regarding the McMullin On-Farm Flood Capture and Recharge Project.

10. RECONVENE FROM CLOSED SESSION/REPORT CLOSED SESSION ACTIONS (3:33 pm.)

No action was taken.

ADJOURNMENT

There being no further business, President Stanfield adjourned the meeting at 3:47 p.m.

\_\_\_\_\_  
 Paul G. Peschel  
 Board Secretary

\_\_\_\_\_  
 Board President

Approved on \_\_\_\_\_, 2020

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# **KINGS RIVER WATER ASSOCIATION**

4888 EAST JENSEN AVE.  
FRESNO, CALIFORNIA

## **WATER CONDITIONS**

### **Storage** *2400 hrs. August 9, 2020*

Pine Flat	24 Hr. Storage Change	-4,167	287,910	A.F.
Upstream	24 Hr. Storage Change	-499	143,691	A.F.
Subtotal			431,601	A.F.
Less P.G. & E.			-60,000	A.F.
Net K.R.W.A.			371,601	A.F.

### **Vacant Space** *2400 hrs. August 9, 2020*

Pine Flat	712,090	A.F.
Upstream	110,309	A.F.
Total	822,399	A.F.

### **Inflow** *2400 hrs. August 9, 2020*

Pre-Project Piedra	326	C.F.S.
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### **Available for Distribution**

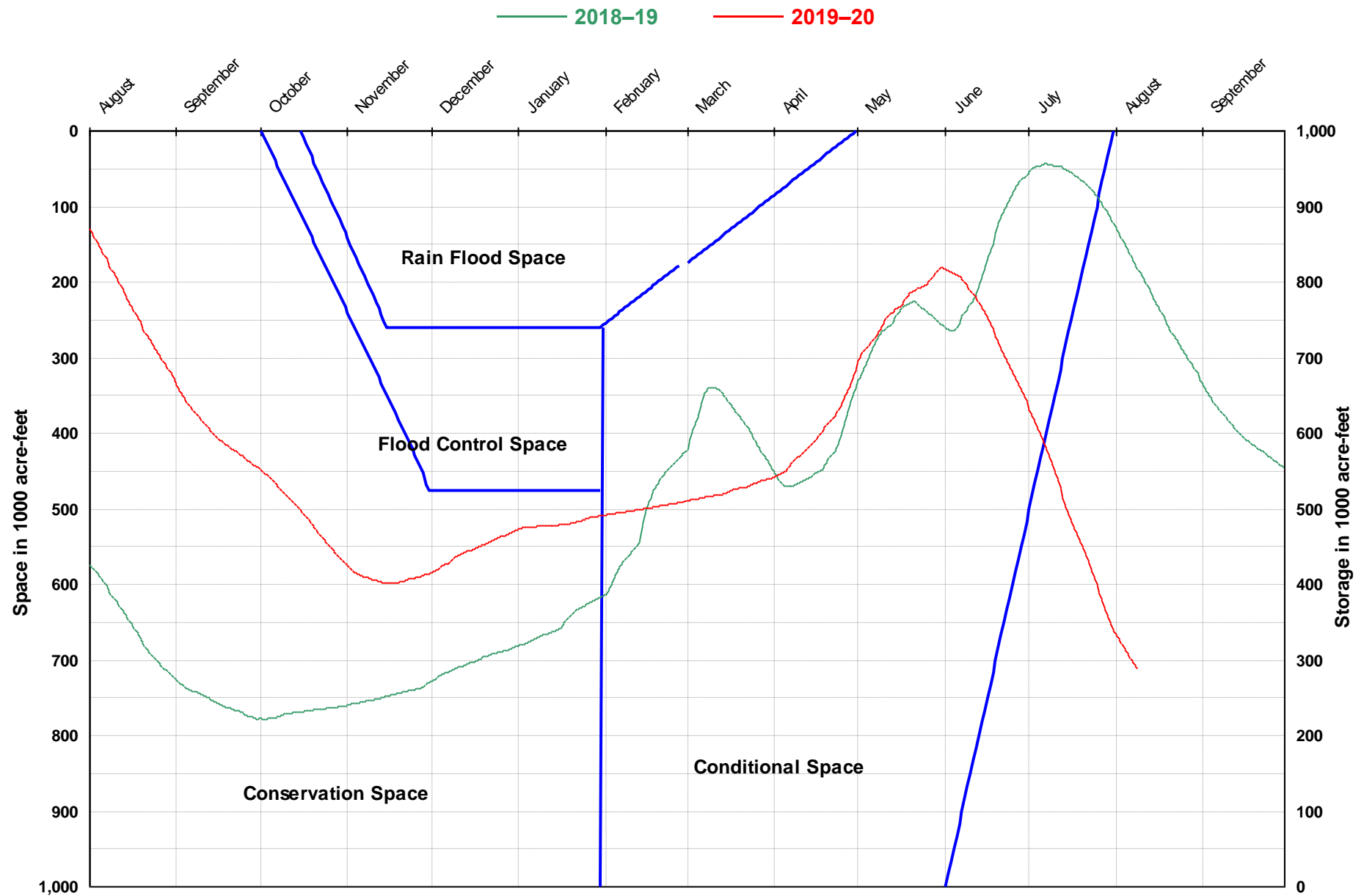
*0700 hrs. August 10, 2020*

Pine Flat Release	2,633	C.F.S.
Mill & Hughes Creeks	0	C.F.S.
Friant-Kern	0	C.F.S.
Total Available	2,633	C.F.S.

### **Precipitation at Pine Flat**

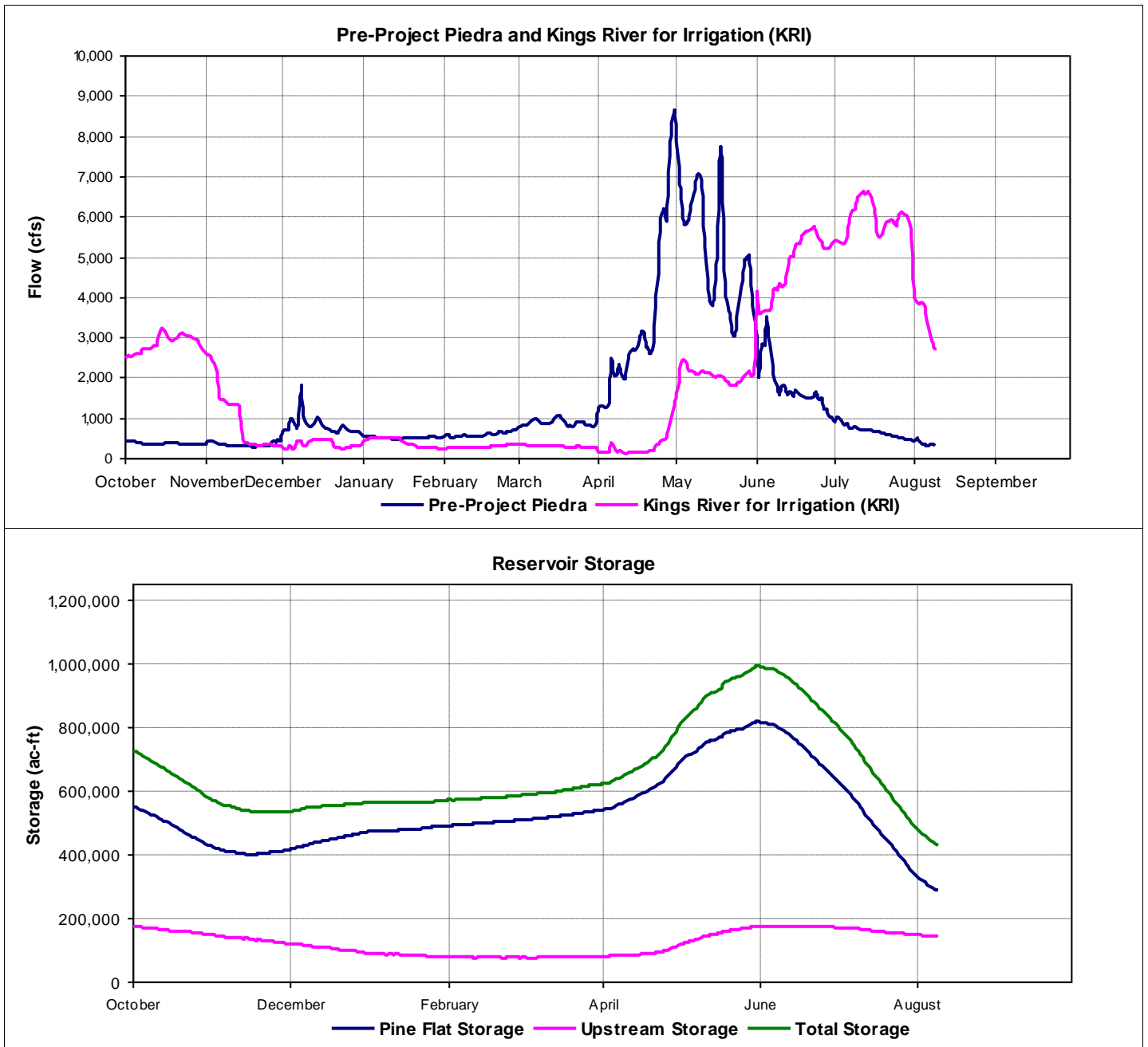
October 1 thru August 9, 2020	13.39
Average for Date	19.07
Percent of Average	70.2%

# PINE FLAT LAKE Flood Control Diagram



# Kings River Water Association 2019–2020 Water Year Hydrologic Data

October 1 to August 9



Pre-Project Piedra		Date
Water Year:	891,197 af	YTD
Maximum:	8,656 cfs	4/30/2020
Minimum:	294 cfs	11/19/2019
April-July Runoff:	669,870 af	YTD
% of Average:	54.54 %	YTD

Precipitation at Pine Flat		Date
Water Year:	13.39 in	YTD
Average:	18.95 in	YTD
% of Average:	70.64 %	YTD

Kings River for Irrigation		Date
Total K.R.I.:	1,175,685 af	YTD
Maximum:	6,652 cfs	7/14/2020
Minimum:	131 cfs	4/11/2020

Storage		Date
Pine Flat (Max.):	819,375 af	5/31/2020
Pine Flat (Min.):	287,910 af	8/9/2020
Upstream (Max.):	175,328 af	6/16/2020
Upstream (Min.):	76,516 af	3/3/2020

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August 4, 2020

## ***Memorandum***

TO: Board of Directors

FROM: Paul G. Peschel, P.E., General Manager *PLP*

SUBJECT: General Manager's Status Report for the Month of July 2020

This memorandum was prepared to supplement the monthly reports of the District's management team and to highlight specific items and activities for the month of July 2020.

## ***State Affairs***

### ***Legislative***

The Legislature reconvened Monday, July 27<sup>th</sup> following a summer recess that was lengthened by 14 days after two Assembly legislators tested positive for COVID-19. As a result of the condensed timeline, lawmakers were asked to reduce their bills, and committee chairs were asked to reduce hearings to a single meeting. Conditioned proxy voting is being allowed.

### ***Bills***

Staff are monitoring several bills (see attachment).

### ***Economic Stimulus Plan***

California Democrats are proposing a \$100 billion Economic Stimulus Plan. The Plan currently only identifies major concepts, including a voucher program for prepayment of income taxes, expansion of unemployment insurance, streamlining of CEQA for environmental projects, and acceleration of infrastructure projects.

### ***ACWA State Legislative Committee***

At the July 24<sup>th</sup> meeting, eight bills were discussed. In addition to the bills, Deputy Executive Director Cindy Tuck provided an update on the Safe and Affordable Drinking Water Fund implementation and related activities of the ACWA and California Municipal Utilities Association (CMUA) Joint Working Group. The State Water Resources Control Board (SWRCB) approved the inaugural Safe and Affordable Drinking Water Expenditure Plan for Fiscal Year 2020-21. The foundation for the plan was established a year ago through Senate Bill 200. The Fund provides up to \$130 million per year. This is for development and implementation of solutions for water systems that are not sustainable or have consistent serious violations of drinking water standards. The State is in the process of completing a study which is intended to improve information and help prioritize future fiscal year funding plans.

### ***Water Resilience Portfolio***

As mentioned in previous KRCD Board reports, the Water Resilience Portfolio *is intended to be a blueprint for guiding State actions and supporting regional efforts on safe drinking water, groundwater recharge, healthy waterways, progress on the Salton Sea, and other priorities.* On July 28<sup>th</sup>, Governor Newsom released a final version of the Portfolio.

The Portfolio outlines 142 State actions pertaining to coping with more extreme droughts and floods, rising temperatures, declining fish populations, over-reliance on groundwater and other challenges for

the stated purpose of building a climate-resilient water system in the face of climate change. The actions tie directly into Administrative efforts to execute requirements in recent laws regarding safe and affordable drinking water, groundwater sustainability and water-use efficiency.

Given the recent drastic downturn in the State's budget situation, the final version of the Portfolio acknowledges that progress on the 142 actions will depend upon available financial resources.

Below is a list of priorities delineated in the Portfolio:

1. Implement the Safe and Affordable Drinking Water Act of 2019
2. Support local communities to ensure successful implementation of the Sustainable Groundwater Management Act of 2014
3. Settlement of Sacramento-San Joaquin Delta and its watersheds' flow and native fish issues through voluntary agreements
4. Modernize the Delta water conveyance system to protect long-term functionality of the State Water Project
5. Update regulations to expand water recycling
6. Accelerate permitting of new smart water storage
7. Expand seasonal floodplains for fish and flood benefits
8. Improve conditions at the Salton Sea
9. Remove dams from the Klamath River
10. Better leverage information and data to improve water management

### ***San Joaquin Valley Blueprint (SJVB)***

The website for the San Joaquin Valley Blueprint ([www.waterblueprintca.com](http://www.waterblueprintca.com)) was launched on July 23<sup>rd</sup>. The project list attached to this report is not on the website. During the meeting on that same date, a discussion of a Trans Valley Canal (Tulare Alignment), three versions and one extension option of the Mid-Valley Canal, and mitigation of Friant-Kern Canal capacity issues. A comment was made that Kings River interests may or may not choose to join in the larger blueprint effort due to their largely isolated system. The previously mentioned economic study performed through the University of California Berkeley by economists Dr. David Sunding and David Roland-Holst, concludes that up to one million acres may be fallowed in the San Joaquin Valley over a 2-3 decade period as a result of reduced ground and surface water availability. The study also concludes that Fresno, Tulare, Kern, and Kings will see the largest losses in employment.

### ***Budget***

Governor Newsom's Department of Finance issued a series of budget letters to agencies and departments directing initial preparations for Fiscal Year 2021-22. This included an early September 3<sup>rd</sup> deadline for Budget Change Proposals for new personnel and projects. The State is concerned about continuing revenue reductions and is evaluating options in advance of typical budgeting timeframes. One option being reviewed to reduce costs includes the permanent reduction of office space as remote working arrangements have proven to be successful.

### ***Regulatory***

#### ***Court Concludes SWRCB Has Authority to Implement Temporary Emergency Regulations***

The Third District Court of Appeal held that the SWRCB has the authority to issue temporary emergency regulations and curtailment orders which establish minimum flow requirements, regulate unreasonable use of water, and protect threatened fish species during drought conditions.

During California's severe drought period in 2014 and 2015, the SWRCB adopted emergency regulations and curtailment orders on three Sacramento River tributaries including Deer Creek in

Tehama County. The regulations were established pursuant to urgency legislation authorizing the SWRCB "to prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water," or "to require curtailment of diversions...." The regulations issued by the SWRCB limited the diversion of water from Deer Creek for certain periods to maintain the required flow of water and protect chinook salmon and steelhead trout.

### *Drinking Water and Clean Water State Revolving Funds*

I attended both SWRCB Safe and Affordable Fund for Equity and Resilience (SAFER) meetings on July 22<sup>nd</sup>. Both sessions have elements that pertain to our constituents under the auspices of CV-SALTS. During the afternoon session, which included domestic wells, the meeting focused on well identification and risk ranking while referring to their online Domestic Well Water Quality Tool. Another key point of discussion was that the recently approved Fund Expenditure Plan is based upon preliminary information. It is expected that a current study being conducted by the SWRCB will inform future Fund Expenditure Plans such that funds will be focused on issues and projects that will provide the most benefit. I asked several questions. From a combination of the material provided and responses to those questions, it is apparent that the study's findings will provide high level guidance, but additional effort will be required to ensure funds are used most effectively.

### *Meetings with Regulators*

Bob Gore and I had a number of meetings with State regulatory officials including Patrick Pulupa (Executive Officer, Central Valley Water Board), Joaquin Esquivel (Chair, SWRCB), Dorene "DeeDee" D'Adamo (Vice Chair, SWRCB), Sean Maguire, P.E. (Board Member, SWRCB), Tam Doduc, P.E. (Board Member, SWRCB), Laurel Firestone (Board Member, SWRCB), Taryn Ravazzini (Deputy Director of Special Projects Statewide Groundwater Management, DWR), Tim Godwin, P.G. (Sustainable Groundwater Management Act Chief, DWR), and Melissa Sparks-Kranz (Program Manager, DWR). The conversations were followed with letters and a background support document (attached). Additional meetings are being coordinated.

A meeting was also held with Department of Conservation (DOC) Assistant Director in charge of the Division of Land Resource Protection, Keali'i Bright, to discuss KRCD's possible leveraging of DOC funding earmarked for RCDs through either formation of an RCD, leveraging existing RCD's, or expanding KRCD's existing authorities.

### *Federal Affairs*

Both the House and Senate are in session and will remain in session until the August recess, currently set for August 10<sup>th</sup> through September 7<sup>th</sup>. Upon their return, the House is scheduled to be in session until October 2<sup>nd</sup> and the Senate until October 9<sup>th</sup>. Congress' current focus is the next coronavirus relief package, however, work continues on Fiscal Year 2021 appropriations, efforts to reauthorize the Water Resources Development Act (WRDA), and legislation aimed at Reclamation programs and western water issues.

### *Legislative*

### *COVID-19*

#### *Stimulus Proposal*

Senate Republicans released their version of the next coronavirus relief package totaling approximately \$1 trillion. The package is comprised of a series of bills and is being called the Health Economic Assistance Liability Protection & Schools Act or HEALS Act. The Senate GOP proposal serves as an opening bid to Democrats who have criticized Republicans for delaying new talks on a COVID-19 stimulus measure since the \$3 trillion HEROES Act, which passed in May. It is expected that Democrats will push for provisions that would include more funding for state and local

governments and other Democratic priorities. The Senate package will need to be conferenced with the House, which could be difficult as there are many differences. Negotiations are expected to extend into August.

## ***Corps Bills***

### ***Water Resources Development Act (WRDA)***

The Water Resources Development Act (WRDA) is the bill that Congress uses for omnibus legislation for authorizing United States Army Corps of Engineers (Corps) civil works activities and directing the agency's practices. The Corps activities are focused on three primary purposes: improving navigation, reducing flood risk, and restoring aquatic ecosystems.

The House Transportation and Infrastructure Committee passed its version of WRDA (H.R. 7575) on July 15th and the full House approved the bill by voice vote on July 30th. The House bill authorizes the Corps to conduct water and environmental infrastructure projects and studies. The Senate Environment and Public Works (EPW) Committee has approved its own \$17 billion water resources bill, the "America's Water Infrastructure Act" (S. 3591). In addition to a number of regulatory items we are monitoring in the House version of WRDA, there are three broad areas of focus that have the potential of current and future benefits to KRCD and our constituents. These include feasibility studies, construction, and deauthorization.

Earlier this year, the Senate Environment and Public Works Committee (EPW) unanimously advanced their version of WRDA 2020, but it is not scheduled for full Senate consideration. Once the Senate passes its version of WRDA, a Senate and House Conference Committee will meet to merge their versions and finalize the package. While there is a chance the bill will pass on its own, there is a strong likelihood it will be incorporated into a broader public infrastructure package that also includes a Reclamation title. Either way, it is not expected to see official action until September, with final passage most likely extending until after the election.

### ***Water Infrastructure Finance and Innovation Act (WIFIA) Funding***

The Environmental Protection Agency (EPA) announced the 2020 notice of funding availability (NOFA) for long-term 49% loans under its WIFIA program, including funding for the new State WIFIA (SWIFIA) program. The WIFIA program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects. This year's funding will provide up to \$6 billion to support \$12 billion in water infrastructure projects. The NOFA would be the fourth round of funding for the WIFIA loan program at EPA and prioritizes construction-ready projects in three areas: updating aging infrastructure; reducing exposure to lead and addressing emerging contaminants; and water reuse and recycling.

As noted above, EPA is also, for the first time, providing funds under SWIFIA. This new program, which was authorized by Congress as part of the America's Water Infrastructure Act (AWIA) of 2018, offers low-interest loans to state water infrastructure programs (e.g., the State Revolving Funds) to help finance needed water infrastructure projects in local communities. This round of funding will provide SWIFIA borrowers up to \$1 billion to support \$2 billion in water infrastructure projects.

## ***Reclamation Bills***

A Reclamation title is still in development for consideration in either the WRDA bill or a larger public infrastructure package. It is expected that the Reclamation title will gather content from a variety of bills introduced in both the House and the Senate related to western water, water resources, and drinking water.



Staff are monitoring several other bills (see attachment). Below are updates on new bills or bills that have had activity during the month of June.

#### *H.R. 1957 – Great American Outdoors Act*

The House passed the "Great American Outdoors Act". The Senate had previously passed the bill. The legislation would provide the Land and Water Conservation Fund (LWCF) with \$900 million annually directly out of the Treasury, providing full yearly funding for the first time since LWCF's creation in 1964. The bill also would establish a trust fund to cover the costs of part of a \$20 billion backlog of deferred maintenance projects at national parks and on public lands. Like the Senate, amendments to the bill were not allowed by House leadership in order to quickly move the bill through the House to the President's desk for his signature. President Trump has indicated that he will sign the legislation soon.

#### *H.R. 7482 – Future of Agricultural Resiliency and Modernization Act*

KRCD staff recently started following the Future of Agricultural Resiliency and Modernization Act, which was introduced by Congressman Josh Harder on July 2<sup>nd</sup>. The bill would provide over \$2.5 billion in funding to help farmers reduce greenhouse gas (GHG) emissions, increase carbon sequestration, improve air, water, and soil quality, and convert agriculture byproducts to efficient uses. The bill would also establish a first-of-its-kind pyrolysis grant program to help tree nut farmers convert by-products into climate friendly biocarbon products.

#### *Aerial Snowpack Observatory (ASO) and Snowpack Measurement Technologies*

Senator Dianne Feinstein and Congressman Josh Harder are set to introduce legislation that will create a program within the Department of the Interior to incorporate snowpack measurement technologies for seasonal water forecasting. The Ferguson Group has been working with staff on bill details and will continue to work to advance the bill through the legislative process. See the attached FACT sheet.

#### *Senate Energy and Natural Resources (ENR) Subcommittee Hearing*

The Senate ENR Subcommittee on Water and Power held a hearing on July 22<sup>nd</sup> on various water resources and western water bills. Dan Keppen testified at the hearing on behalf of the Family Farm Alliance along with Senator Dianne Feinstein, Senator Tom Udall, Deputy Assistant Secretary for Water and Science Aubrey Bettencourt, and Joe Whitworth of the Freshwater Trust.

The bills considered at the hearing included:

- S. 2718 – Western Water Security Act (Udall)
- S. 3811 – Restoration of Essential Conveyance Act (Feinstein)
- S. 4188 – Water for Tomorrow Act (Harris)
- S. 4189 – Water for Conservation and Farming Act (Wyden)
- Unnumbered Senate Bill – Water-Energy Technology Demonstration and Deployment Act (McSally)

#### *ACWA Federal Affairs Committee*

The ACWA Federal Affairs Committee did not meet in July. However, ACWA staff kept members apprised on actions related to H.R. 2 and the Water Resources Development Act.

#### *Budget*

Appropriations bills provide funding for the agencies and programs authorized. The House and Senate Committees on Appropriations have jurisdiction over the annual appropriations measures. Each committee is organized into subcommittees, with each subcommittee having responsibility for developing one regular annual appropriations bill to provide funding for departments and activities within its jurisdiction. Each House appropriations subcommittee is paired with a Senate

appropriations subcommittee and the two subcommittees' jurisdictions are generally identical. The current appropriations subcommittee structure includes 12 subcommittees that produce 12 appropriation bills. The intent is to pass each bill independently, however, Congress often combines multiple bills into two or more minibus bills or an omnibus appropriations bill to expedite the approval process. All appropriations bills must be approved by the start of the Federal fiscal year on October 1st. If they are not, a continuing resolution (CR) must be approved to avoid a government shutdown.

### *Interior-Environment Minibus Spending Package*

On July 24<sup>th</sup>, the House passed a four-bill Fiscal Year 2021 minibus appropriations package (H.R. 7608) that contains the Fiscal Year 2021 Interior-Environment, Agriculture, State-Foreign Operations and Military Construction-Veterans Affairs bills. The minibus includes \$9.38 billion for the EPA, and \$13.83 billion for the Interior Department. In addition, the Interior-Environment section of the package includes an additional \$15 billion in emergency spending for a supplemental critical infrastructure fund, with \$10.2 billion for EPA's Clean Water and Drinking Water state revolving funds.

The bill also includes \$500 million for the international Green Climate Fund to help reduce greenhouse gas emissions worldwide. The bill prohibits funds from being spent on implementing the Trump Administration's recently finalized rules on Clean Water Act (CWA) Section 401 certifications and the implementation of the National Environmental Policy Act (NEPA). The White House has issued a Statement of Administrative Position that recommends the President veto the bill if it reaches his desk.

The Senate has not marked up any of its Fiscal Year 2021 spending bills, but it's unlikely the GOP-controlled Senate will include some of the policy riders or the added emergency funding included in the House bills. It is not anticipated that Congress will finish appropriations bills prior to the end of the Fiscal Year, thus requiring a CR.

### *Spending Package*

The House is scheduled to take up a second Fiscal Year 2021 minibus package, H.R. 7617, which includes the Fiscal Year 2021 Energy-Water, Transportation-Housing and Urban Development, Commerce-Justice-Science, Defense, Labor-Health and Human Services-Education, Homeland Security, and Financial Services-General Government measures. The \$49.6 billion Energy-Water portion of the minibus includes significant funding increases for the Department of Energy to address climate change, as well as increased funding for water and environmental infrastructure at the Corps and the Bureau of Reclamation. In total, the added spending would represent a \$1.3 billion increase from Fiscal Year 2020 enacted levels. If the minibus passes, the House will have moved 11 of the 12 appropriations bills, leaving the Legislative Branch appropriation bill as the sole remaining spending bill.

Below are funding levels for items that are or may be of interest to KRCD and our constituents:

### Army Corps of Engineers FY 2021 Appropriations

- Normal FY 2020 Appropriations
  - o Pine Flat Lake Corps O&M funding – \$4.772 million
  - o CAP Program funding – \$67 million in total for nine CAP program authorities
  - o Environmental Infrastructure – \$100 million in funding. In addition, the bill and report are silent on any caps in funding for new start environmental infrastructure projects which opens the door to pursue appropriations under the Pine Flat Dam Fish and Wildlife Habitat authority

- Emergency Spending
  - o \$17 billion in emergency funding
    - Investigations – \$110 million
    - Construction – \$10 billion
    - Operation and Maintenance – \$5 billion
  - o Environmental Infrastructure – \$500 million

#### U.S. Bureau of Reclamation

- Normal FY 2020 Appropriations
  - o \$1.66 billion total
  - o \$234 million for water resource projects including projects authorized in the WIIN Act
    - Additional Funding for Ongoing Work – of the \$234M provided, \$67M is for WIIN Act storage projects; not less than \$25M for repair of critical canals where capacity has been impaired due to age or land subsidence; \$15M for ongoing groundwater treatment and remediation to match non-Federal funds;
  - o \$100 million for rural water projects
  - o \$60 million for WaterSMART projects
  - o Airborne Snow Observatory/Snow Monitoring – encourages Reclamation to continue to support ASO/fund best available technology and innovation in forecasting and managing snow-fed water supplies
  - o Western Water – supports Reclamation work and investment in surface storage, reuse, desalination and water purification, and conservation projects in drought prone regions
  - o Extends CALFED Bay-Delta authorities
  - o Prohibits funds from being used on the Shasta Dam and Reservoir Enlargement Project in California
- Emergency Spending
  - o \$3 billion total
    - \$50 million for water reclamation and reuse projects authorized under Title XVI of the Reclamation Projects Authorization and Adjustment Act of 1992; water reuse and recycling grants
    - \$300 million, at least, for WaterSMART grants
    - \$200 million, at least, for construction activities. This is for the Friant-Kern Canal
    - \$100 million, at least, for rural water projects, which must include water intake and treatment facilities

#### Department of Energy

- Normal FY 2021 Appropriations
  - o \$41 billion total
  - o \$2.85 billion for energy efficiency and renewable energy
- Emergency Spending
  - o \$23.5 billion in emergency spending
  - o \$7.78 billion for energy efficiency and renewable energy

### ***Regulatory***

#### ***NEPA***

On July 15<sup>th</sup>, the Council on Environmental Quality (CEQ) announced its final rule titled "Update to the Regulations Implementing the Procedural Provisions of the National Environmental Policy Act," which streamlines environmental reviews of major infrastructure projects. The regulations have been published in the Federal Register and will be effective September 14<sup>th</sup>.

### Background

The National Environmental Policy Act (NEPA) was the first major environmental law in the country and was signed into law by President Nixon on January 1<sup>st</sup>, 1970. It requires Federal agencies to assess the environmental effects of major Federal actions and incorporate public input into that process. The NEPA statute also established the CEQ, which has responsibility for the development of guidance and regulations associated with implementation of the law. There have not been significant changes to the implementing regulations in over 40 years.

In those intervening years, the legislation has been criticized by lawmakers and industry for delaying and increasing the cost of major infrastructure projects. According to the CEQ, it now takes, on average, four and a half years to complete the law's environmental impact statements (EIS). Additionally, NEPA is the most litigated environmental law in the country, which further delays projects and increases costs.

On July 15<sup>th</sup>, the Trump Administration issued a long-anticipated overhaul of the regulations implementing NEPA. This was the first substantive amendment to the regulations since the 1970s. The Final Rule's stated goal is to comprehensively update, modernize, and clarify the current regulations "to facilitate more efficient, effective, and timely NEPA reviews by Federal agencies."

### Changes to NEPA Regulations

The updated regulations focus on enhancing the timeliness and effectiveness of the environmental review process by, among other actions, updating the processes by which NEPA-required documents are developed as well as establishing deadlines and eliminating redundancies. The Final Rule largely codifies existing case law, executive orders, and agency guidance. As a result, many of the current NEPA processes will remain the same. The rule does include certain major revisions to agency implementation of NEPA, including:

- Cumulative effects analysis is eliminated, by entirely deleting "cumulative" from the definition of "effects" and by significantly limiting the scope of the required effects analysis.
- The definition of "major Federal actions" is narrowed to exclude actions with "minimal Federal funding or minimal Federal involvement" and other specified categories.
- Project proponents will be allowed to prepare their own environmental impact statements.

The final rule does not directly address one of the issues that has led to significant recent litigation—the consideration of climate change impacts in NEPA reviews. The Final Rule "does not preclude consideration of the impacts of a proposed action on any particular aspect of the human environment," and, therefore, the "analysis of the impacts on climate change will depend on the specific circumstances of the proposed action." This leaves broad discretion to agencies to determine whether to analyze the climate change impacts of a proposed action.

The Final Rule could be vulnerable not only to a judicial challenge, but also to repeal under the Congressional Review Act (CRA). The CRA allows Congress to repeal Federal rules issued within the last 60 legislative days before the previous Congress adjourns by passing a joint resolution of disapproval, which must be signed by the President. Once a rule has been repealed under the CRA, the agency may not reissue a substantially similar rule.

### Next Steps

Under the Congressional Review Act, Congress can vote to repeal the new regulations within 60 legislative days of September 14<sup>th</sup>. Depending on the legislative calendar, 60 legislative days could stretch into next spring. If Democrats are elected to a majority in the Senate and a Democrat becomes president in November, it is likely the new regulations will be repealed. If President Trump is reelected, a 2/3 Senate majority will be required irrespective of the makeup in the Senate.



Additionally, several environmental groups intend to sue to stop or reverse the changes. Suits could hold the changes at bay for years. This of course is dependent upon whether a Federal judge issues a stay on the new regulations or allows the new regulation to go into effect while the regulation is being litigated. Projects currently going through the NEPA process may be covered by the new regulations at agency discretion.

PP/CT/cm

R20-0037  
File: 202.01

***Key Activities, Events, and Meetings***

- July 1: Call with Patrick Pulupa – SWRCB, Central Valley, Region 5
- July 2: ACWA Solar & Energy Storage Working Group Meeting
- July 6: Weekly Meeting with Leadership Team
- July 6: Meeting in Preparation for Board Closed Session Discussion
- July 7: SWRCB Meeting re: SAFER Program Fund Expenditure Plan
- July 8: Call with Joaquin Esquivel – SWRCB Chair
- July 9: VAWC Meeting
- July 10: Call with Dorene D'Adamo – SWRCB Vice Chair
- July 13: Call with Sean Maguire, P.E. – SWRCB Board Member
- July 13: Weekly Meeting with Leadership Team
- July 14: KRCD Board Meeting
- July 15: Pre-Leg. Committee Meeting Conference Call
- July 15: KBWA Board of Directors Meeting
- July 20: Weekly Meeting with Leadership Team
- July 21: KRWA Executive Committee Meeting
- July 21: Call with Keali'i Bright – California Department of Conservation (DOC) Assistant Director
- July 21: CASGEM Program Meeting
- July 22: SWRCB SAFER Meetings for Water Systems and Domestic Wells
- July 23: San Joaquin Valley Water Blueprint Large Group Meeting
- July 23: Call with Tam Doduc, P.E. – SWRCB Board Member
- July 24: Call with Laurel Firestone – SWRCB Board Member
- July 24: ACWA State Legislative Committee Meeting
- July 24: Leadership Team Meeting
- July 27: Call with Taryn Ravazzini (Deputy Director of Special Projects Statewide Groundwater Management), Tim Godwin, P.G. (Sustainable Groundwater Management Act Chief), and Melissa Sparks-Kranz (Program Manager) – DWR
- July 27: Weekly Meeting with Leadership Team
- July 28: KRWA Fish and Wildlife Committee Meeting

## State Legislation Position Matrix

Bill	KRWA	KRCD	ACWA	VAWC	Status
AB 352 (Garcia, Edurado D) Wildfire Prevention, Safe Drinking Water, Prep., Flood Protect. Bond Act 2020			FIA		Senate Environmental Quality
AB 609 (Levine D) California Environmental Quality Act: notices and documents: electronic filing and posting.		Watch			Sen Environmental Quality
AB 916 (Muratsuchi D) Pesticide use: glyphosate	Oppose	Oppose			Senate Agriculture
AB 2182 (Rubio, Blanca D) Emergency backup generators: water and wastewater facilities exemption.	Favor	Favor			FAILED to Move This Year
AB 2502 (Quirk D) GSPs: impacts on managed wetlands	Oppose	Oppose	Oppose	Oppose	FAILED to Move This Year
AB 2623 (Arambula D) Sustainable groundwater management				Watch	FAILED to Move This Year
AB 2642 (Salas D) Department of Conservation, Multibenefit Land Conversion Incentive Program: administration			SIA	Watch	FAILED to Move This Year
AB 2693 (Bloom D) Watershed Restoration Administration: Oroville, Shasta, and Trintiy Reservoirs	Watch	Watch		NFUA	FAILED to Move This Year
AB 2720 (Salas D) CEQA: negative decs and mitgated negative decs: groundwater recharge projects	Watch	Watch		Watch	FAILED to Move This Year
AB 3256 (Garcia, Eduardo D) Climate risks: bond measures	Watch	Watch		SIA	Assembly Rules Committee
ACA 3 (Mathis R) Clean Water for All Act	Watch	Watch	Watch		Assembly - reconsideration
SB 45 (Allen D) Wildfire Prevention, Safe Drinking Water, Drought Prep, and Flood Protect. Bond Act of 2020	Watch	Watch	FIA	SIA	Assembly Desk – Pending Referral
SB 69 (Wiener D) Ocean Resiliency Act of 2019	Oppose/C.	Oppose/C.	Watch		Assembly Appropriations Committee
SB 350 (Hill) The Golden State Energy Act		Watch			Signed by the Governor and Chaptered
SB 559 (Hurtado D) California Water Commission: grant: Friant-Kern Canal	Watch	Watch	Favor		Assembly Appropriations Committee
SB 797 (Wilk R) Water resources: permit to appropriate: application procedure	Watch	Watch	Oppose		FAILED to Move This Year
SB 917 (Weiner D) California Consumer Energy and Conservation Financing Authority: eminent domain: Northern California Local Energy Utility District: Northern California Energy Utility Services.		Watch			FAILED to Move This Year
SB 964 (Skinner D) Chemicals: outdoor application: residential areas				Oppose	FAILED to Move This Year
SB 1099 (Dodd D) Emergency backup generators: critical facilities: exemption.	Favor	Favor			Re-referred to Natural Resources Cmt.
SB 1215 (Stern D) Electricity: microgrids: grant program					Referred to Utilities & Energy Com.
SB 1249 (Hurtado D) Water quality: state policy: public hearing				Watch	FAILED to Move This Year
SB 1280 (Monning D) Drinking water: consolidation & extension service: at-risk systems	Watch	Watch			FAILED to Move This Year
SB 1356 (Borgeas R) Groundwater sustainability agency: financial authority				Watch	FAILED to Move This Year

NFUA = Not Favored Unless Amended

SIA = Support if Amended

Oppose/C = Oppose/Coalition

blue donates dead bill

**State Legislation Tracker**

**AB 352 (Garcia D) Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020--**Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$3,920,000,000 pursuant to the State General Obligation Bond Law to finance a wildfire prevention, safe drinking water, drought preparation, and flood protection program. The bill would provide for the submission of these provisions to the voters at the November 3, 2020, statewide general election.

**AB 609 (Levine D) California Environmental Quality Act: notices and documents: electronic filing and posting--** transformed from a bill dealing with beer to a new legislative proposal requiring a CEQA lead agency and the project applicant to post all environmental documents and public notices related to a project on their respective websites. AB 609 creates a new burden on a project applicant – one that should only be required of the lead agency since it is the entity charged with making land use decisions and taking into account the needs of the public. Not only does such a requirement create a new burden on a project applicant, it also creates the potential for notification discrepancies between the two websites should one document or notice be accidentally left off or a link to the document does not work – thus triggering the possibility of the lead agency being sued for a CEQA violation.

**AB 916 (Muratsuchi D) Pesticide use: glyphosate--**Would, until January 1, 2025, prohibit a city, county, charter city, city and county, or a special district, as defined, from using any pesticide that contains the active ingredient glyphosate. The bill would not preclude a county, city, charter city, city and county, or a special district from adopting or enforcing stricter pesticide use policies.

**AB 3256 (Garcia D) Climate risks: bond measure--**The California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018, approved by the voters as Proposition 68 at the June 5, 2018, statewide direct primary election, authorizes the issuance of bonds in the amount of \$4,000,000,000 pursuant to the State General Obligation Bond Law to finance a drought, water, parks, climate, coastal protection, and outdoor access for all program. This bill would state the intent of the Legislature to enact a bond measure that would address climate risks to the State of California.

**ACA 3 (Mathis R) Clean Water for All Act--**This measure, the Clean Water for All Act, would additionally require, commencing with the 2021–22 fiscal year, not less than 2% of specified state revenues to be set apart for the payment of principal and interest on bonds authorized pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014; water supply, delivery, and quality projects administered by the department, and water quality projects administered by the state board, as provided.

**SB 45 (Allen D) Wildfire Prevention, Safe Drinking Water, Drought Prep, and Flood Protection Bond Act of 2020--**Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$5,510,000,000 pursuant to the State General Obligation Bond Law to finance projects for a wildfire prevention, safe drinking water, drought preparation, and flood protection program.

**SB 69 (Wiener D) Ocean Resiliency Act of 2019--**Current law requires the Fish and Game Commission to establish fish hatcheries for the purposes of stocking the waters of California with fish, and requires the Department of Fish and Wildlife to maintain and operate those hatcheries.

This bill would require the department to develop and implement a plan, in collaboration with specified scientists, experts, and representatives, as part of its fish hatchery operations for the improvement of the survival of hatchery-produced salmon, and the increased contribution of the hatchery program to commercial and recreational salmon fisheries.

**SB 350 (Hill D) The Golden State Energy Act**

This bill would authorize the Governor, or the Governor's designee, to incorporate Golden State Energy (GSE) as a nonprofit public benefit corporation for the purpose of owning, controlling, operating, or managing electrical and gas services for its ratepayer and for the benefit of all Californians. Specifically, the bill would require the California Public Utilities Commission (CPUC) to begin the process of conforming PG&E's rules and processes with those of GSE within 45 days should PG&E fail to obtain confirmation of their reorganization plan by June 30th, fail to exit bankruptcy by September 30th, the CPUC revokes PG&E's license at any time for failure to achieve safe operation of its system, or should PG&E decide to exit the business and sell its assets before the conclusion of the bankruptcy. This bill was signed by the Governor on July 1 and chaptered. KRCD had a watch position.

**SB 559 (Hurtado D) California Water Commission: grant: Friant-Kern Canal--**Under current law, the United States Bureau of Reclamation operates the federal Central Valley Project and the Department of Water Resources operates the State Water Project to supply water to persons and entities in the state. Current law establishes the California Water Commission, consisting of 9 members appointed by the Governor, in the department. This bill would require the commission to make a grant of \$400,000,000 to a specified joint powers authority to restore the capacity of the Friant-Kern Canal, subject to an appropriation. The bill, among other things, would require the grant to be part of a comprehensive solution to groundwater sustainability and subsidence in the San Joaquin Valley and would require the joint powers authority to demonstrate a funding match of at least 35% from user fees, local sources, federal funding, or a combination of these sources.

**SB 797 (Wilk R) Water resources: permit to appropriate: application procedure--**Current law requires the State Water Resources Control Board to issue and deliver a notice of an application as soon as practicable after the receipt of an application for a permit to appropriate water that conforms to the law. Current law allows interested persons to file a written protest with regard to an application to appropriate water and requires the protestant to set forth the objections to the application. Current law declares that no hearing is necessary to issue a permit in connection with an unprotested application, or if the undisputed facts support the issuance of the permit and there is no disputed issue of material fact, unless the board elects to hold a hearing. This bill, if the board has not rendered a final determination on an application for a permit to appropriate water within 30 years from the date the application was filed, would require the board to issue a new notice and provide an opportunity for protests before rendering a final determination, with specified exceptions.

**SB 1215 (Stern D) Electricity: microgrids -** As amended, this bill requires the Public Utility Commission, in consultation with the Office of Emergency Services, to create a database of critical facilities and critical infrastructure, along with related critical circuits, and identify with respect to each whether it serves a high fire-threat district or vulnerable transmission area. The new amendments remove those sections viewed favorable for Kings River interests. The bill is now on the suspense file. Kings River Legislative Committee does not have a position.

SB 1099 (Dodd D) **Emergency backup generators: critical facilities: order for abatement: stipulations** - Emergency backup generators: critical facilities: exemption. Co-sponsored by California Municipal Utilities Association and the Las Virgenes Municipal Water District. The bill would require air districts to grant a variance if there is an exceedance in runtime during a Public Safety Power Shutoff, and for testing and maintenance hours if they exceed the limit but are in compliance with National Fire Protection Association (NFPA) Standard 110. A five-year sunset clause is included and the Energy Commission is required to perform a study on emergency backup generation options and opportunities to transition to clean energy technologies. This bill has been amended and now requires operators to petition the local Air Quality Management District to allow certain exemptions in times of emergency. Kings River Legislative Committee has a favor position.

# SJV Water Blueprint Project List

AGENDA ITEM 6a.

RESTORATION OF ESSENTIAL CONVEYANCE CAPACITY			AVERAGE YIELD (taf/yr)	Avg Yield (taf/yr)	Capital Cost (\$ mill.)	Annual Capital Cost (\$/af)
Friant-Kern Canal Capacity Restoration			Necessary for maintenance of exisiting spplies	150	430	\$186
Delta-Mendota Canal Capacity Restoration	400	cfs		100	TBD	
Friant-Kern Canal Reverse Flow & Recirculation	500	cfs		260	19 to 56	\$14
Calloway Canal Improvements				19	31	\$106
California Aqueduct Capacity Restoration					TBD	
NEW INFRASTRUCTURE						
Mid-Valley Canal - South Branch	3,000	cfs	Up to 2,200 taf		750	
Mid-Valley Canal - North Branch	1,000	cfs			120	
Trans-Valley Conveyance	3,000	cfs			500	
Groundwater Recharge Facilities (100,000 ac)	12,000	cfs		200	1,200	\$390
South Delta Improvement Plan						
Delta Conveyance Improvements	12,000	cfs		Up to 1,250	2,400	\$78
Enlarge Delta-Mendota Canal						
ENHANCED WATER MANAGEMENT						
Coordinated Operations between SWP, CVP and Friant			Up to 80 taf	43 to 77		
Enhanced Water Transfers and Exchanges						
Strategic, Multi-benefit Land Conversion	25,000	ac	Up to 50 taf	50	300	\$390
Non-Farm Conservation			Up to 10 taf	4 to 10	TBD	
Advanced Runoff Forecasting & Monitoring						
POLICY AND REGULATORY CHANGES TO EXPEDITE PROCESSES						
Reconsultation on Delta Operations			Included in new infrastructure estimates above	700		
Voluntary Agreements						
Expedited Safe Harbor Permits						
Expedited Permitting for Ecosystem Restoration						
Place of use Adjustements to Maximize Recharge						
Expedited Permitting for Water Markets						
WATER QUALITY						
Safe, Reliable Water for Disadvantaged Communities						
TOTAL			Up to 2.5 maf	up to 2.5 maf	5,800	\$150





**VIA EMAIL**

July 6, 2020

Mr. Patrick Pulupa, Executive Officer  
Central Valley Regional Water Quality Control Board  
Region 5  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670-6114

Re: Follow-up from July 1, 2020 Call

Dear Mr. Pulupa:

It was a pleasure speaking with you on Wednesday, July 1<sup>st</sup>. Bob Gore and I appreciate you taking the time to understand the Kings River Conservation District (KRCD), the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

While KRCD and our constituent farmers focus on SGMA, recharge, the ILRP, CV-SALTS requirements, and ensuring a sustainable water supply for the disadvantaged and disadvantaged communities, a key challenge is the myriad of fees and regulations faced by farmers, including water quality fees and regulations.

Although not critical to meeting current CV-SALTS and ILRP requirements, KRCD is independently exploring proceeding with a comprehensive and multi-benefit water resource study. Currently the study is envisioned to include well assessments in terms of facility make-up, water quality, water levels, and other data. The results of this effort would create a foundation from which issues, concerns, and problems can be clearly identified. Data generated will inform interim and ultimately long-term solutions where plans can be developed and implemented.

Receiving funding support for the various study stages (the study, interim, and long-term solutions) would be ideal. The study and associated solutions would not only benefit the ILRP and CV-SALTS (nitrate and salts), but provide critical data and solutions for mitigating other constituents of concern, which may assist in monitoring SGMA's undesirable results and help IRWM constituents with similar water resource solutions. KRCD's goal is to move forward with this effort on a parallel course with CV-SALTS implementation. Any assistance you can provide in terms of advice, direction, support, or funding avenues would be greatly appreciated.

**BOARD OF DIRECTORS**

Division I, CHRIS M. KAPHEIM, Dinuba • Division II, MASARU YOSHIMOTO, Fowler • Division III, GREGORY BEBERIAN, Fresno • Division IV, MARK McKEAN, Riverdale • Division V, D. PAUL STANFIELD, Hanford  
Division VI, CEIL W. HOWE, JR., Stratford • Division VII, DR. DAVID CEHRS, Sanger

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Another multi-benefit program we discussed was the Airborne Snow Observatory (ASO). ASO provides a near-perfect assessment of snow water content and improves forecasting with accuracy through 10-days. Thus, this new tool is critical for accurate and greatly improved snowpack and runoff predictions. With climate change and numerous other factors impacting water resources, this is a critical tool that has proven multiple benefits and is paramount to continue to fund and utilize. Benefits include helping mitigate water quality, drinking water, environmental (fishery, groundwater connected ecosystems, and others), flood control, water supply, and climate change impacts across all these and other water resource related elements.

Funding for ASO was moved from NASA to a private entity. Per flight costs are approximately \$150,000, with multiple flights required per season, and an additional \$20,000 per flight to receive vital modeling. State funding for the program was proposed, but was removed from the State budget. We realize this program does not fall under your purview, but it will benefit the programs under your purview. As such, we ask for any support you can provide to help establish and maintain funding.

Enclosed is a summary of facts and concerns as pertains to KRCD, the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

Thank you again for your time. We look forward to our continued partnership and engagement.

Sincerely,



Paul G. Peschel, P.E.  
General Manager

PP/CM/sjs

Enclosures: As Stated

L20-0046  
File: 300.29.04



## AGENDA ITEM 6a.

4886 East Jensen Avenue  
Fresno, California 93725

Tel: 559.237.5567  
Fax: 559.237.5560

www.krccd.org  
@kingsrivercd

### VIA EMAIL

July 20, 2020

Mr. Joaquin Esquivel, Chair  
State Water Quality Control Board  
1001 I Street  
Sacramento, CA 95814

Re: Follow-up from July 8, 2020 Call

Dear Mr. Esquivel:

It was Bob Gore's and my pleasure speaking with you and Ms. Sobeck on Wednesday, July 8<sup>th</sup>. We appreciate the time you took to understand the Kings River Conservation District (KRCD), the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

KRCD and our constituent farmers are focusing on SGMA, recharge, the ILRP, CV-SALTS requirements, while ensuring a sustainable water supply for the disadvantaged and disadvantaged communities. A key challenge in reaching goals associated with these programs is the myriad fees and regulations faced by farmers, including water quality fees and regulations.

As we discussed, KRCD is independently exploring proceeding with a comprehensive and multi-benefit water resource study. Currently the study is envisioned to include well assessments in terms of facility make-up, water quality, water levels, and other data. The results of this effort would create a foundation from which issues, concerns, and problems can be clearly identified. We particularly appreciated your reference to data, as data generated from this assessment will inform interim, early action plans and ultimately long-term multi-beneficial solutions where plans can be developed and implemented.

This effort appears to marry well with the recently approved State Water Resources Control Board's (SWRCB) Drinking Water Expenditure Plan that we discussed. As you noted, the Plan has a similar assessment goal of establishing a foundation for future funding plans. Receiving funding support for the study proposed by our local water quality coalition and its various stages (the study, interim, and long-term solutions), say as a pilot study, is a suggested approach for helping move the SWRCB's larger assessment effort forward.

The study proposed by our local water quality coalition and the associated solutions would not only benefit the ILRP and CV-SALTS (nitrate and salts), but provide critical data and solutions for mitigating other constituents of concern, which may assist in monitoring SGMA's undesirable results and help IRWM constituents with

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D. PAUL STANFIELD, President · GREGORY BEBERIAN, Vice President · PAUL PESCHEL, General Manager · Secretary · BRIAN TREVARROW, Auditor

similar water resource solutions. KRCD's goal is to move forward with this effort on a parallel course with CV-SALTS implementation.

Another multi-benefit program we discussed was the Airborne Snow Observatory (ASO). ASO provides a near-perfect assessment of snow water content and improves forecasting with accuracy through 10-days. Thus, this new tool is critical for accurate and greatly improved snowpack and runoff predictions. With climate change and numerous other factors impacting water resources, this is a critical tool that has proven multiple benefits and is paramount to continue to fund and utilize. Benefits include helping mitigate water quality, drinking water, environmental (fishery, groundwater connected ecosystems, and others), flood control, water supply, and climate change impacts across all these and other water resource related elements.

Funding for ASO was moved from NASA to a private entity. Per flight costs are approximately \$150,000, with multiple flights required per season, and an additional \$20,000 per flight to receive vital modeling. State funding for the program was proposed but was removed from the State budget. We realize this program does not fall under your purview, but it will benefit the programs under your purview. As such, we ask for any support you can provide to help establish and maintain funding.

Attached is a summary of facts and concerns as pertains to KRCD, the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged. Also attached are a listing of past, present, and prospective Integrated Regional Water Management (IRWM) multi-benefit projects and a listing of members and interested parties involved with our local IRWM. Additionally, included is a summary that outlines the functions of KRCD, the Kings River Water Association (KRWA; including a list of its member agencies), the Army CORPS of Engineers, and the California Fish and Wildlife Service as pertains to our region and the Kings River. The intent is to provide a sense of how our agencies' responsibilities and activities overlap, and their symbiosis. Although KRWA and KRCD are separate agencies with separate missions, we collaborate continually on State and Federal legislative, policy, and regulatory matters.

We appreciate your feedback, will be attending the upcoming July 22<sup>nd</sup> meetings and look forward to meeting with you, as suggested; shortly after the July 22<sup>nd</sup> meetings. Any additional assistance you can provide in terms of advice, direction, support, or funding avenues is greatly appreciated. Thank you again for your time. We look forward to our continued partnership and engagement.

Sincerely,



Paul G. Peschel, P.E.  
General Manager

PP/CT/CM/dmr

File: 300.29.04  
L20-0050





## AGENDA ITEM 6a.

4886 East Jensen Avenue  
Fresno, California 93725

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[@kingsrivercd](mailto:@kingsrivercd)

### VIA EMAIL

July 20, 2020

Ms. Dorene D'Adamo, Vice-Chair  
State Water Quality Control Board  
1001 I Street  
Sacramento, CA 95814

Re: Follow-up from July 10, 2020 Call

Dear Ms. D'Adamo:

It was Bob Gore's and my pleasure speaking with you on Friday, July 10th. We appreciate the time you took to understand the Kings River Conservation District (KRCD), the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

KRCD and our constituent farmers are focusing on SGMA, recharge, the ILRP, CV-SALTS requirements, while ensuring a sustainable water supply for the disadvantaged and disadvantaged communities. A key challenge in reaching goals associated with these programs is the myriad fees and regulations faced by farmers, including water quality fees and regulations.

As we discussed, KRCD is independently exploring proceeding with a comprehensive and multi-benefit water resource study. Currently the study is envisioned to include well assessments in terms of facility make-up, water quality, water levels, and other data. The results of this effort would create a foundation from which issues, concerns, and problems can be clearly identified. We believe data generated from this assessment will inform interim, early action plans and ultimately long-term multi-beneficial solutions where plans can be developed and implemented.

This effort appears to marry well with the recently approved State Water Resources Control Board's (SWRCB) Drinking Water Expenditure Plan. The Plan has a similar assessment goal of establishing a foundation for future funding plans. Receiving funding support for the study proposed by our local water quality coalition and its various stages (the study, interim, and long-term solutions), say as a pilot study, is a suggested approach for helping move the SWRCB's larger assessment effort forward.

The study proposed by our local water quality coalition and the associated solutions would not only benefit the ILRP and CV-SALTS (nitrate and salts), but provide critical data and solutions for mitigating other constituents of concern, which may assist in monitoring SGMA's undesirable results and help IRWM constituents with similar water resource solutions. KRCD's goal is to move forward with this effort on a parallel course with CV-SALTS implementation.

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Funding for ASO was moved from NASA to a private entity. Per flight costs are approximately \$150,000, with multiple flights required per season, and an additional \$20,000 per flight to receive vital modeling. State funding for the program was proposed but was removed from the State budget. We realize this program does not fall under your purview, but it will benefit the programs under your purview. As such, we ask for any support you can provide to help establish and maintain funding.

Attached is a summary of facts and concerns as pertains to KRCD, the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged. Also attached are a listing of past, present, and prospective Integrated Regional Water Management (IRWM) multi-benefit projects and a listing of members and interested parties involved with our local IRWM. Additionally, included is a summary that outlines the functions of KRCD, the Kings River Water Association (KRWA; including a list of its member agencies), the Army CORPS of Engineers, and the California Fish and Wildlife Service as pertains to our region and the Kings River. The intent is to provide a sense of how our agencies' responsibilities and activities overlap, and their symbiosis. Although KRWA and KRCD are separate agencies with separate missions, we collaborate continually on State and Federal legislative, policy, and regulatory matters.

KRCD fills our role as a collaborative regional resource agency by being involved in the programs and opportunities outlined in this letter which, along with the attachments, we hope further explains KRCD's role and effectiveness. We appreciate your questions and feedback. To further involve and educate ourselves we will be attending the upcoming July 22<sup>nd</sup> meetings. Any additional assistance you can provide in terms of advice, direction, support, or funding avenues is greatly appreciated. As it becomes available, we will follow with additional information resulting from our discussion. Thank you again for your time. We look forward to our continued partnership and engagement.

Sincerely,



Paul G. Peschel, P.E.  
General Manager

PP/CT/CM/ dmr

File: 300.29.04  
L20-0051



## AGENDA ITEM 6a.

4886 East Jensen Avenue  
Fresno, California 93725

Tel: 559.237.5567  
Fax: 559.237.5560

www.krcd.org  
@kingsrivercd

### VIA EMAIL

July 20, 2020

Mr. Sean Maguire, Board Member  
State Water Quality Control Board  
1001 I Street  
Sacramento, CA 95814

Re: Follow-up from July 13, 2020 Call

Dear Mr. Maguire:

It was Bob Gore's and my pleasure speaking with you on Monday, July 13<sup>th</sup>. Dialoguing and obtaining another Civil Engineer's perspective on the myriad of issues was helpful and engaging. We appreciate the time you took to understand the Kings River Conservation District (KRCD), the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

KRCD and our constituent farmers are focusing on SGMA, recharge, the ILRP, CV-SALTS requirements, while ensuring a sustainable water supply for the disadvantaged and disadvantaged communities. A key challenge in reaching goals associated with these programs is the myriad fees and regulations faced by farmers, including water quality fees and regulations.

KRCD is independently exploring proceeding with a comprehensive and multi-benefit water resource study. Currently the study is envisioned to include well assessments in terms of facility make-up, water quality, water levels, and other data. The results of this effort would create a foundation from which issues, concerns, and problems can be clearly identified. We believe data generated from this assessment will inform interim early action plans and ultimately long-term multi-beneficial solutions where plans can be developed and implemented.

This effort appears to marry well with the recently approved State Water Resources Control Board's (SWRCB) Drinking Water Expenditure Plan. The Plan has a similar assessment goal of establishing a foundation for future funding plans. Receiving funding support for the study proposed by our local water quality coalition and its various stages (the study, interim, and long-term solutions), say as a pilot study, is a suggested approach for helping move the SWRCB's larger assessment effort forward.

The study proposed by our local water quality coalition and the associated solutions would not only benefit the ILRP and CV-SALTS (nitrate and salts), but provide critical data and solutions for mitigating other constituents of concern, which may assist in monitoring SGMA's undesirable results and help IRWM constituents with similar water resource solutions. KRCD's goal is to move forward with this effort on a parallel course with CV-SALTS implementation.

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Sincerely,



Paul G. Peschel, P.E.  
General Manager

PP/CT/CM/dmr

File: 300.29.04  
L20-0052



## AGENDA ITEM 6a.

4886 East Jensen Avenue  
Fresno, California 93725

Tel: 559.237.5567  
Fax: 559.237.5560

[www.krcd.org](http://www.krcd.org)  
[@kingsrivercd](https://twitter.com/kingsrivercd)

### VIA EMAIL

July 27, 2020

Ms. Tam Doduc, Board Member  
State Water Quality Control Board  
1001 I Street  
Sacramento, CA 95814

RE: Follow-up from July 23, 2020 Call

Dear Ms. Doduc:

It was Bob Gore's and my pleasure speaking with you on Thursday, July 23<sup>rd</sup>. We appreciate the time you took to understand the Kings River Conservation District (KRCDD), the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

KRCDD and our constituent farmers are focusing on the Safe and Affordable Funding for Equity and Resilience (SAFER) and accompanying drinking water expenditure plan, the Sustainable Groundwater Management Act (SGMA), the Irrigated Lands Regulatory Program (ILRP), Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS), Integrated Regional Water Management (IRWM), and other related programs, projects, and requirements. One goal is to ensure a sustainable water supply for the disadvantaged and disadvantaged communities. A key challenge in reaching goals associated with these programs is the myriad of fees and regulations faced by farmers, including water quality fees and regulations.

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Ms. Tam Doduc, Board Member  
July 27, 2020  
Page 2

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Sincerely,

  
Paul G. Peschel, P.E.  
General Manager

PP/CT/cm



VIA EMAIL

July 27, 2020

Ms. Laurel Firestone, Board Member  
State Water Quality Control Board  
1001 I Street  
Sacramento, CA 95814

RE: Follow-up from July 24, 2020 Call

Dear Ms. Firestone:

It was Bob Gore's and my pleasure speaking with you on Friday, July 24<sup>th</sup>. We appreciate the time you took to understand the Kings River Conservation District (KRCD), the Kings River region, the challenges farmers face, and the impacts those challenges have on farming and the disadvantaged.

KRCD and our constituent farmers are focusing on the Safe and Affordable Funding for Equity and Resilience (SAFER) and accompanying drinking water expenditure plan, the Sustainable Groundwater Management Act (SGMA), the Irrigated Lands Regulatory Program (ILRP), Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS), Integrated Regional Water Management (IRWM), and other related programs, projects, and requirements. One goal is to ensure a sustainable water supply for the disadvantaged and disadvantaged communities. A key challenge in reaching goals associated with these programs is the myriad of fees and regulations faced by farmers, including water quality fees and regulations.

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Ms. Laurel Firestone, Board Member  
July 27, 2020  
Page 2

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Sincerely,



Paul G. Peschel, P.E.  
General Manager

PP/CT/cm



**VIA EMAIL**

July 27, 2020

Mr. Keali'i Bright, Assistant Director  
California Department of Conservation  
801 K Street, MS 14-15  
Sacramento, CA 95814

RE: Follow-up from July 21, 2020 Call

Dear Mr. Bright:

It was Bob Gore's and my pleasure speaking with you on Tuesday, July 21<sup>st</sup>. We appreciate the time you took to understand the Kings River Conservation District (KRCD), the Kings River region, and the water resource challenges for our area, as well as your follow up email. As we discussed, KRCD and our constituents are focusing on a holistic approach to solving water resource challenges for ensuring a sustainable water supply for all, including the disadvantaged and disadvantaged communities. This effort includes the Sustainable Groundwater Management Act (SGMA), the Irrigated Lands Regulatory Program (ILRP), Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS), Integrated Regional Water Management (IRWM), Safe and Affordable Funding for Equity and Resilience (SAFER), and other related programs, projects, and requirements.

The Department of Conservation's (DOC) goals align extremely well with KRCD's collaborative stakeholder process, which focuses on multi-beneficial, watershed-scale improvements for our diverse stakeholders. As we discussed, the DOC provides resources, unique to Resource Conservation Districts (RCD), for helping meet water resource goals. KRCD will continue to review the potential for becoming and/or coordinating with Resource Conservation District's (RCD) to leverage additional DOC resources that you mentioned, including KRCD's ability to leverage streamlined contracting. We are also in the process of applying for the Watershed Coordinator position funding.

One item worth reiterating is KRCD's consideration of a comprehensive water resource study. Currently the study is envisioned to include well assessments in terms of facility make-up, water quality, water levels, and other data. The results of this effort would create a foundation from which issues, concerns, and problems can be clearly identified. We believe data generated from this assessment will inform interim and early action plans, and ultimately long-term multi-beneficial solutions where plans can be developed and implemented.

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This is one of many efforts that appear to marry very well with both DOC's goals and the intent of the Watershed Coordinator position funding. In addition to aligning with DOC goals, KRCD's proposed water resource study would provide a foundation for and benefit to the programs and associated projects delineated in the introductory paragraph. KRCD's goal is to move forward with these efforts on a parallel course to maximize their efficiency and effectiveness.

Another multi-benefit program we discussed was the Airborne Snow Observatory (ASO). ASO provides a near-perfect assessment of snow water content and improves forecasting with accuracy through 10-days. Thus, this new tool is critical for accurate and greatly improved snowpack and runoff predictions. With climate change and numerous other factors impacting water resources, this is a critical tool that has provided multiple proven water resource and watershed benefits and is paramount to continue to fund and utilize. Benefits include helping mitigate water quality, drinking water, environmental (fishery, groundwater connected ecosystems, and others), flood control, water supply, and climate change impacts across all these and other water resource related elements.

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Attached is a summary of facts and concerns as pertains to KRCD, the Kings River region, the challenges our constituents face, and the impacts those challenges have on our constituents, including the disadvantaged. Also attached are listings of past, present, and prospective IRWM multi-benefit projects, as well as members and interested parties involved with our local IRWM.

We have also included a summary that outlines the functions of KRCD, the Kings River Water Association (KRWA; including a list of its member agencies), the Army Corps of Engineers, and the California Fish and Wildlife Service as pertains to our region and the Kings River. The intent is to provide a sense of how our agencies' responsibilities and activities overlap, and their symbiosis. Although KRWA and KRCD are separate agencies with separate missions, we collaborate continually on State and Federal legislative, policy, and regulatory matters.

KRCD fills our role as a collaborative regional resource agency by being involved in the programs and opportunities outlined in this letter which, along with the attachments, we hope further explains KRCD's role and effectiveness. Any additional assistance you can provide in terms of advice, direction, support, or funding avenues is greatly appreciated. Thank you again for your time. We look forward to our continued partnership and engagement.

Regards,



Paul G. Peschel, P.E.  
General Manager

PP/CT/cm



**VIA EMAIL**

July 30, 2020

Ms. Taryn Ravazzini, Deputy Director  
Statewide Groundwater Management  
California Department of Water Resources  
1416 9th Street  
Sacramento, CA 95814

RE: Follow-up from July 27, 2020 Call

Dear Ms. Ravazzini:

It was Bob Gore's, Charlotte Gallock's, and my pleasure speaking with you, Tim Godwin, and Melissa Sparks-Kranz on Monday, July 27<sup>th</sup>. We appreciate the time you took to understand the Kings River Conservation District (KRCDD), the Kings River region, and the water resource challenges for our area. As we discussed, KRCDD and our constituents are focusing on a holistic approach to solving water resource challenges for ensuring a sustainable water supply, including for the disadvantaged and disadvantaged communities. This effort includes the Sustainable Groundwater Management Act (SGMA), the Irrigated Lands Regulatory Program (ILRP), Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS), Integrated Regional Water Management (IRWM), Safe and Affordable Funding for Equity and Resilience (SAFER), and other related programs, projects, and requirements.

The Department of Water Resources' (DWR) goals align extremely well with KRCDD's collaborative stakeholder process, which focuses on multi-beneficial, watershed-scale improvements for our diverse stakeholders. In that regard, one item worth reiterating is KRCDD's consideration of a comprehensive and multi-benefit water resource study.

Currently the study is envisioned to include well assessments in terms of facility make-up, water quality, water levels, and other data. The results of this effort would create a foundation from which issues, concerns, and problems can be clearly identified. We believe data generated from this assessment will inform interim and early action plans, and ultimately long-term multi-beneficial solutions where plans can be developed and implemented.

This is one of many efforts that appear to marry very well with what Mr. Godwin described as DWR's goals and a holistic water resource management approach. In aligning with DWR's goals and approach, KRCDD's proposed water resource study would provide a foundation for and benefit to the programs and associated projects delineated in the introductory paragraph. KRCDD's goal is to move forward with these efforts on a parallel course to maximize their efficiency and effectiveness.

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Regards,



Paul G. Peschel, P.E.  
General Manager

PP/CT/cm

Enclosures: As Stated

CC: Tim Goodwin, P.G.  
Melissa Sparks-Kranz



## Agency Profile

Established in 1951 by a special act of the State legislature, the Kings River Conservation District is a multi-county, special district formed to manage the lower Kings River watershed, serving all the constituents within 1.2 million acres in portions of Fresno, Kings and Tulare counties. KRCRD is governed by an elected board of seven directors. The District is a collaborative resource agency responsible for water, energy, and environmental resources in the Kings River region. Activities include:

**Flood Control** Responsible for maintaining more than 170 miles of flood control levees on the Kings River.

**Hydroelectric Generation** Owner/operator since 1984 of the Pine Flat Power Plant, providing reliable, low-cost power to the State Water Project pumping facilities.

**SGMA** Supporting implementation of SGMA for the Kings and Tulare Lake Subbasins. KRCRD provides staff support to six of the 12 GSAS in the service area.

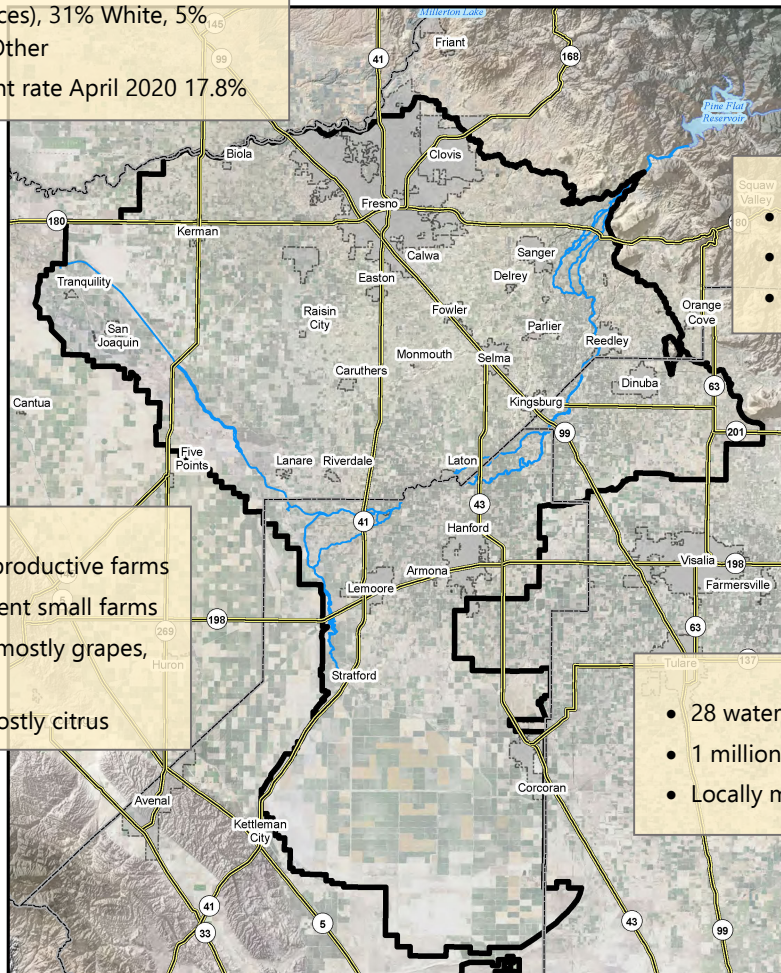
**Water Quality** Leading implementation of the Irrigated Lands Regulatory Program and CV-SALTS in the region.

**IRMWP** Managing and participating in the Kings Basin Water Authority, the governing body implementing the Kings Basin Integrated Regional Water Management Plan for the Kings Subbasin.

**Fisheries** A party to the Kings River Fishery Management Program, providing financial, biological, engineering, and project construction support to enhance the fishery of the Kings River below Pine Flat Dam.

### Socioeconomic Facts

- Median Household income \$46,000
- 52% Hispanic (of all races), 31% White, 5% Black, 10% Asian, 2% Other
- Average unemployment rate April 2020 17.8%



### Urban Facts

- 14 incorporated cities
- Over 100 DACs
- Population 1.6 million

### Ag Facts

- 1 mill. acres of highly productive farms
- 60% of acreage represent small farms
- Northern service area mostly grapes, tree fruits, & nuts.
- Eastern service area mostly citrus

### Water Facts

- 28 water delivery agencies
- 1 million-acre Pine Flat Reservoir
- Locally managed river system



# Regulatory & Other Impacts Affecting Farmers

Farmers abilities to continue farming is increasingly threatened due to the variety of pressures on their operations. Regulations and other impacts effect their ability to feasibly and economically farm. Impacts to farmers have a ripple effect in the ag-based economy of the Kings River service area. Below are just some of the issues that challenge growers and their ability to compete in national and international markets. Their concern is the ongoing layering of new laws and regulations. The daily challenges continue to become more compounded.

## Water Regulations



Water regulations imposed on growers greatly increase farming operations costs. These include, new and changing reporting requirements, new agencies to interact with, additional fees, and time constraints to name a few.

Some Irrigated Lands Regulatory Program requirements include:

- Keeping irrigation water from flowing off farms and into rivers and streams
- Tracking and reporting total nitrogen applied
- Preparing and implementing a “certified” Nitrogen Management Plan for every crop
- Testing drinking water and providing notice to consumer and regional board
- Paying fees to the State Board and to their local Coalition
- Attending mandatory outreach events

It is estimated that the Sustainable Groundwater Management Act will remove over million acres out of production. The administration of CV-SALTS will come with enforcement actions to provide drinking water to consumers who live on ag lands.

## Other Regulations & Concerns



### Labor laws

- Ongoing minimum wage increases
- Additional overtime requirement
- Farm labor contractor regulations
- Heat illness prevention regulations



### Environment

- Strictest in the nation crop protection regulations
- Additional pesticide restrictions
- Stricter emissions reduction targets
- Local air district requirements on water pumping equipment, other stationary sources, dust control



### General Business

Farming operations are businesses and face all the issues specific to employers in California including:

- Employer liability concerns
- Meal and rest period regulation
- Documentation requirements
- Fluctuating commodity prices
- Increasing in operating costs



### Food Safety

- Food safety regulations at the state and federal level
- Food safety regulations that often conflict with water quality regulations

## Water Supply Challenges

### Farm Acreage Increases

- Fresno Co. 48% acreage increase since 1985

### Population Increases

- Fresno Co. 45% increase in population 1980 – 2010
- Central Valley cities are generally groundwater dependent

### Water Supply Depleting

- Surface water due to natural and regulatory conditions
- Groundwater due to natural and regulatory conditions

### Increased costs

- Building new infrastructure
- Maintaining aging water infrastructure

### Hardened Demand

- About 50% farmland is hardened demand due to permanent crops
- Additional 11% is hardened urban demand

## Kings Basin Water Authority Board Members and Interested Parties

### Members

#### Cities

City of Kerman  
City of Parlier  
City of Dinuba  
City of Clovis  
City of Reedley  
City of Selma  
City of Fresno  
City of Sanger

#### Counties

County of Fresno  
County of Tulare

#### Water Agencies

Fresno Metropolitan Flood Control District  
Raisin City Water District  
Kings County Water District  
Alta Irrigation District  
Consolidated Irrigation District  
Fresno Irrigation District  
Kings River Conservation District

### Interested Parties

#### CSDs/PUDs

Armona Community Services District  
Biola Community Services District  
East Orosi Community Services District  
Easton Community Services District  
Laton Community Service District  
Lanare Community Services District  
Riverdale Public Utility District  
Cutler Public Utilities District  
Orosi Public Utilities District  
London Community Services District  
Sultana Community Services District

#### NGOs

Community Water Center  
Self-Help Enterprises

#### Environmental Organizations

Sierra Club, Tehipite Chapter  
California Native Plant Society, Sequoia Chapter  
El Rio Reyes Conservation Trust  
Tulare Basin Wildlife Partners  
Sanger Environmental Fund  
Kings River Conservancy

#### Cities/County

County of Kings  
City of Kingsburg  
City of Orange Cove  
City of San Joaquin

#### Water Agencies

Liberty Canal Company  
Crescent Canal Company  
Hardwick Water Company  
Bakman Water Company  
Reed Ditch Company  
James Irrigation District  
Laguna Irrigation District  
Liberty Water District  
Riverdale Irrigation District  
Mid-Valley Water District  
Malaga County Water District  
Pinedale County Water District  
Kings River Water Association

#### GSAs

North Fork Kings GSA  
McMullin Area GSA

#### Others

Terranova Ranch, Inc  
California State University Fresno  
U.C. Cooperative Extension – Fresno  
Sierra Resource Conservation District

## Kings Basin Water Authority – Past & Present Grant Contracts

Last updated: July 9, 2020

Program & Agency	Project Title	Project Proponents	Project Description	Grant Award/Request	Status
Prop 13 Groundwater Storage Construction Grant Program (CDWR)	Alta Irrigation District Coordinated Groundwater Storage Project	KRCD Alta ID City of Dinuba	Dinuba project is a twenty-eight acre, three-cell stormwater retention and recharge basin located within the City of Dinuba*. AID's Traver Pond project is the enlargement of an existing five-acre recharge basin to a size of sixteen-acres.	Grant: \$2,737,753 Project Cost: \$2,974,651  Contract executed with CDWR, June 2006	Completed in 2011
Prop 13 Groundwater Storage Construction Grant Program (CDWR)	Fresno Irrigation District Waldron Pond Banking Facility Expansion	FID	The Waldron Pond Banking Facility is a groundwater recharge and recovery project that provides water to urban suppliers, agriculture suppliers, and facilitates the environmental benefits of improving the Kings River fishery. The project constructed eight recovery wells, five monitoring wells, and thirteen new recharge basins expanding the existing facility to 270 aggregate acres of recharge area.	Grant: \$4,615,072 Project Cost: \$10,500,000	Completed in 2008
Prop 50 IRWM Planning Grant Program (CDWR)	Upper Kings Basin Water Forum Integrated Regional Water Management Plan	KRCD/Water Forum	Initial development of the Upper Kings Basin IRWMP.	Grant: \$500,000 Project Cost: \$1,000,000	Completed July 2007
Prop 50 IRWM – Discretionary Funds – Integrated Regional Groundwater Model Demonstration (CDWR)	Kings Basin Integrated Groundwater Surface-water Model (Kings IGSM)	KRCD/Water Forum	The Kings IGSM was developed to support the planning analysis required for the Upper Kings Basin IRWMP project. It provides an analytical tool for the region that can represent the groundwater and surface water flow systems and their interactions; and can provide quantitative information on a comparative basis to help evaluate alternative conjunctive water management strategies.	Grant: \$500,000 Project Cost: \$1,000,000	Completed model development Spring 2007; calibration report published November 2007
Prop 84 River Parkways and Urban Streams Restoration Grant Programs (CA Resources Agency)	Kings Ribbon of Gems – North Riverside Park	Kings River Conservancy KRCD/Water Forum	Implementation of a project identified in the "Kings Ribbon of Gems" plan. 38-acre river parkway located below Pine Flat on the north bank of the Kings River upstream of Choinumni Park. Two components: 1) 1.5-mile river access trail with 0.5-mile ADA compliant section plus picnic areas, 2) ADA restroom, with adjacent ADA parking area.	Grant: \$284,674 Project Cost: 298,374  Contract executed with Resources Agency Summer 2011.	Project is complete. Ribbon cutting ceremony occurred in Spring 2013.

AGENDA ITEM 6a.

Prop 50 Round 2 IRWM Implementation Grant Program (SWRCB)	Upper Kings Basin Water Forum Project	KRCD/Water Forum Alta ID City of Fresno Fresno ID	AID Traver Pond Project provides dry year supply and is a component of a surface water exchange agreement w/ Cutler & Orosi PUDs. City of Fresno project installs 10k of a planned 110k residential water meters*. FID Jameson Pond Expansion adds sixty additional acres to an existing forty-acre recharge facility.	Grant: \$6,064,375 Project Cost: \$18,112,895  Contract executed with SWRCB, December 2008	Completed September 2013.
Prop 50 Supplemental – AKA Mini 50 – Grant Program (CDWR)	The Fresno Irrigation District Jameson Pond Expansion Project Phase II  The City of Fresno Residential Water Meter Project Phase II	UKBIRWMA City of Fresno Fresno ID	Fresno ID's Jameson Pond Phase II Expansion enhances water supply capacity by constructing an addition recovery well. The City of Fresno Phase II meter project installs an additional 5k meters (of planned 110k) complete with AMR devices and software*.	Grant: \$2,099,868 Project Cost: \$4,661,500  Contract executed with CDWR, September 2011	Completed December 2015.
Prop 84 IRWM Disadvantaged Communities Pilot Program (CDWR)	UKBIRWMA – Disadvantaged Communities (DAC) Outreach & Planning Pilot	UKBIRWMA	Project seeks to map DACs and their water needs; develop mechanisms to effectively engage and integrate DACs into the IRWM planning process; develop conceptual project descriptions and cost estimates to include in the IRWMP project list; and identify/facilitate partnerships between member agencies and DACs*.	Grant: \$500,000 Project Cost: \$500,000  Contract executed with CDWR, January 2012	Completed June 2014.
Prop 84 Round 1 IRWM Planning Grant Program (CDWR)	UKBIRWMA – Integrated Regional Water Management Plan Update	UKBIRWMA	The objective of the project is to update the 2007 Upper Kings Basin IRWMP to: 1) Satisfy new State guidelines for IRWMPs; 2) More thoroughly address Statewide Priorities and Program Preferences; 3) Update the plan to include recent information; 4) Address inadequacies in the existing IRWMP; 5) Expand the focus on Disadvantaged Communities; 6) Document successes and lessons learned since the original plan was drafted; 7) Document governance and policy improvements since the original plan was drafted; 8) Engage more stakeholders; and 9) Improve the overall regional planning process.	Grant: \$236,890 Project Cost: \$336,850  Contract executed with CDWR, September 2011	Completed April 2014.

Prop 1E Round 1 IRWM Stormwater Flood Management Grant Program (CDWR)	Fancher Creek Flood Control Improvement Project	City of Fresno w/ Fresno Metropolitan FCD  (project is included in the Kings Basin IRWMP project list)	The Fancher Creek Detention Basin removes 682 acres from the 100-year floodplain, redirects runoff that may contain pollutants into stormwater management basins, and result in approximately 740 acre feet of additional surface water recharge per year. Once complete, the basin will have sufficient capacity to provide the 100-year control of the Fancher Creek flows.	Grant: \$2,231,086 Project Cost: \$4,613,734  Contract executed with CDWR, Sept. 5, 2012.	Grant completion date: 12/31/16.
Prop 84 Round 1 IRWM Implementation Grant Program (CDWR)	UKBIRWMA – Groundwater Overdraft Reduction and Disadvantaged Community Water Supply Reliability Projects	UKBIRWMA Bakman WC w/ FID Consolidated ID County of Fresno City of Clovis City of Fresno East Oroquieta CSD w/ AID	Bakman WC's project entails installation of 2,453 residential water meters (This project was not awarded). Consolidated ID's project develops a 75-acre groundwater banking facility. County of Fresno Drummond Jensen project removes an unincorporated neighborhood from septic by connecting to City of Fresno*. City of Clovis' project entails expansion of its surface water treatment facility to reduce groundwater pumping. City of Fresno's project would install an additional 10k residential water meters*. And East Oroquieta CSD's project rehabilitates two existing muni wells in a DAC to extract from a higher quality zone of the aquifer*.	Grant: \$8,496,000 Project Cost: \$15,404,340  Contract executed with CDWR, July 2012	Grant completion date: 6/30/18
Prop 84 Local Levee Grant Program (CDWR)	Kings River Levee Evaluation Project	KRCD  (project is included in the Kings Basin IRWMP project list)	The objective of this project is to reduce flood risk on the Kings River by evaluating flood project levees, identifying deficiencies, and recommending appropriate management actions.	Grant: \$2,000,000 Project Cost: \$2,292,922  Contract executed with CDWR, February 2013	Anticipated completion December 2020
Prop 1E Round 1 Flood Corridor Grant Program (CDWR)	McMullin On-Farm Flood Capture and Recharge Project	KRCD Terranova Ranch McMullin Recharge Group Raisin City WD James ID  (project is included in the Kings Basin IRWMP project list)	Project is Phase 1 in a multi-phase project to capture North Fork Kings flood flows for on-farm recharge activities (direct/in-lieu recharge, irrigation). Objectives will be achieved through flood easements on 250 acres; upgrade to turnout along Kings River, McMullin Grade Crossing, Terranova Canal, and implementation of Flood Flow Capture on 1250 acres. Project will divert flood flows up to 500 cfs.	Grant: \$5,039,950 Project Cost: \$14,551,689.13  Contract executed with CDWR, February 2013	DWR provided an additional \$39,950 for flow meter and telemetry. Agreement extended to Nov. 2020.

AGENDA ITEM 6a.

California Water Foundation	Kings Basin Remote Groundwater Monitoring Project	KRCD	Installation of satellite-based remote groundwater monitoring equipment on nine existing wells located on or near Manning Avenue between James ID and Alta ID.	Grant \$44,763 Project Cost ~\$55,000  Contract executed with CWF, Summer 2012	Completed May 2013.
California Water Foundation	Implementation of Interlinked Groundwater Management Strategies in the Kings Basin	KRCD	Installation of constructed monitoring wells within Management Areas A & B, update of the Kings IGSM and model run of IRWMP projects, and land use outreach.	Grant \$1,000,000 Project Cost ~\$1,080,000  Contract executed with CWF, February 2013	Completed April 2016
Prop 1E Round 2 IRWM Stormwater Flood Management Grant Program (CDWR)	Dry Creek Flood Control Improvement Project	Fresno Metropolitan FCD  (project is included in the Kings Basin IRWMP project list)	The project consists of modifications to FMFCD's flood control facilities in the Big Dry Creek and Pup Creek watersheds. The project's primary goal is to provide better flood protection for the Cities of Fresno and Clovis, and surrounding areas. The project includes improving the structural integrity of the Big Dry Creek Dam, and channel improvements to allow more effective and flexible routing of flood waters at three points downstream of the Dam along the Dry Creek system. In addition, the project includes construction of one floodwater detention basin and expansion of an existing flood water detention basin in order to increase stormwater storage capacity, increase groundwater recharge, and improve groundwater quality.	Grant: \$6,891,011 Project Cost: \$13,782,021  Contract executed May 12, 2014	Grant completion date: 9/30/2017.

AGENDA ITEM 6a.

Prop 84 Round 2 IRWM Implementation Grant Program (CDWR)	KBWA IRWM Implementation Grant Projects	UKBIRWMA City of San Joaquin Fresno ID Bakman Water Co. Laguna ID City of Kerman	The City of San Joaquin's project provides drinking water supply and quality benefits to DAC residents through well rehabilitation and installation of residential water meters*. Fresno ID's project partners with James ID to utilize flood water for banking and recharge in the lower Kings Basin. Bakman's project provides drinking water supply and quality benefits to DAC residents through well head treatment of DBCP and installation of residential water meters*. Laguna's project involves construction of a 52-acre recharge and banking facility between Laton and Riverdale. City of Kerman's project installs 665 residential water meters of the City's planned program to meter all residential users*.	Grant: \$8,734,000 Project Cost: \$11,105,913  Contract executed July 2014	Grant completion date: 6/30/2018.
Prop 1 IRWM Planning Grant Program (CDWR)	2016 KBWA IRWM Plan Update	KBWA	Update of the Kings Basin IRWM Plan to meet 2016 IRWM Plan Standards. Update will include the development of a Stormwater Resources Plan.	Grant: \$202,817 (only used \$201,402.26) Project Cost: \$257,162.40  Contract executed June 2017	Completed December 31, 2018.
Prop 1 DAC Involvement Grant Program (CDWR)	Tulare-Kern Funding Area DACI Program	KBWA Southern Sierra IRWM Kaweah River Basin IRWM Poso-Creek IRWM Kern County IRWM Westside-San Joaquin IRWM Tule River Basin IRWM County of Tulare is applicant on behalf of IRWMS	The purpose of this grant is to engage DAC/SDACS/EDA in the IRWM planning process. Project activities include: Needs Assessment web portal, DAC Engagement and Education Program, and DAC project development.	Grant: \$3,400,000 to the Tulare-Kern FA (of which \$392,000 directly allocated to KBWA for DAC projects) Project Cost: \$392,000  Contract executed February 13, 2018	County of Tulare created a Project Advisory Committee (PAC) to guide implementation of grant activities. PAC has been meeting regularly. Scope includes: DAC Needs Assessment, DAC Engagement and Education Program, project development, and project administration. KBWA DAC projects awarded*: <ul style="list-style-type: none"> <li>• EOCSD: \$159,144</li> <li>• MCWD: \$90,856</li> <li>• SCSD: \$142,000</li> </ul> Project is continuing
Prop 1 IRWM Implementation Grant, Round 1 (CDWR)	KBWA IRWM Implementation Grant Projects	Fresno ID Consolidated ID Laguna ID	Six projects were submitted for this grant solicitation, but only the Fresno Metropolitan Flood Control District (FMFCD) Basin "CF" Stormwater Recharge and Flood Protection Project	Grant: \$1,113,033 Awaiting grant agreement from DWR	Awaiting grant agreement from DWR



		Fresno Metropolitan Flood Control District (Only FMFCD Project Funded)	was awarded funding. FMFCD's project will construct basin improvements to FMFCD's existing Basin "CF". The basin improvements include a basin pump station, telemetry system, internal basin pipeline, basin relief pipeline, canal intertie structure and appurtenant facilities. The basin's primary purpose is to capture stormwater and prevent localized flooding. This project will provide a direct benefit to the disadvantaged community of Malaga*.		
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\*Highlighted Projects provided a direct benefit to a disadvantaged community.

Cumulative Award: **\$53,683,292**

Cumulative Projects Cost: **\$102,919,051.53**



# Kings River Agency Roles

The Kings River Conservation District (KRCDD) is one of four agencies with primary responsibilities and/or jurisdiction over the Kings River and river-related rights, uses, facilities, surroundings and services. The other agencies include the Kings River Water Association (KRWA), U.S. Army Corps of Engineers (Corps) and California department of Fish and Wildlife (CDFW).

KRWA and KRCDD are often confused with one another. Although they share the same office building and have many common interests, KRCDD and KRWA are totally separate organizations with different missions; however, KRCDD and KRWA do work together on many overlapping regulatory, legislative and resource issues and projects. This paper summarizes the various roles, jurisdictions, authorities and historical backgrounds of the four agencies.

## KINGS RIVER CONSERVATION DISTRICT

### General Description

KRCDD is a political subdivision of the State of California, serving 1.24 million acres in portions of Fresno, Kings and Tulare counties. The KRCDD includes all one million acres of the Kings River service area. There are approximately 20,000 agricultural users of Kings River water within the service area. Hundreds of properties benefit directly from lower Kings River flood management. The District also owns and operates the Pine Flat Power Plant and is involved in a wide range of other power, environmental, engineering and water management activities.

### The Proposal to Form KRCDD

The movement to form KRCDD was begun in 1950 by the KRWA, which at that time needed an overall public agency empowered to contract with the United States for storage and capital repayment in connection with the new Pine Flat Dam and Reservoir, then under construction and completed in 1954. KRCDD was also envisioned as a public power agency, as well as a public agency that might provide support to the region in water resource management.

### Legislative Authority

The District was established under authority granted by the Legislature in the KRCDD Act, special legislation signed into law June 8, 1951. Organization of the District followed. Voters confirmed the District's organization December 18, 1951. The KRCDD Act granted powers to KRCDD to furnish water and power, acquire and dispose of property, construct water works, appropriate and conserve water, maintain actions involving water rights, incur indebtedness, enter into contracts, issue bonds and control floodwater.

### KRCDD's Boundaries

KRCDD, as organized, included all territory generally considered to be part of the Kings River service area, except for cities that were not a part of irrigation districts. A 1979 change to the KRCDD Act excluded all incorporated cities. Annexations to cities are now simultaneously detached from KRCDD through a reorganization of territory process. There are 14 cities (Fresno, Clovis, Sanger, Reedley, Parlier, Fowler, Selma, Kingsburg, Kerman, San Joaquin, Hanford, Lemoore, Corcoran and Dinuba) surrounded by the KRCDD. In 1989, KRCDD annexed some 200,000 acres outside (but largely surrounded by) the Kings River service area, bringing the District's size to 1.24 million acres, or 1,950 square miles.

## KINGS RIVER WATER ASSOCIATION

KRWA is a private association established in 1927 by irrigation districts and mutual water companies (known on the Kings River as “units”). The KRWA and its Watermaster administer Kings River water rights, entitlements, deliveries and storage operations governed by the Kings River Agreement of 1963 (supplanting earlier 1927 and 1949 Agreements). The KRWA protects the water rights of its members. The Association also serves as a unified “voice” for the member units, which include 13 public irrigation, water and reclamation districts and 15 mutual water companies listed below.

Alta Irrigation District	Liberty Canal Company
Burrel Ditch Company	Liberty Mill Race Company
Clark’s Fork Reclamation District #2069	Lovelace Water Corporation
Consolidated Irrigation District	Peoples Ditch Company
Corcoran Irrigation Company	Reed Ditch Company
Crescent Canal Company	Riverdale Irrigation District
Empire West Side Irrigation District	Southeast Lake Water Company
Fresno Irrigation District	Stinson Canal & Irrigation Company
John Heinlen Mutual Water Company	Stratford Irrigation District
James Irrigation District	Tranquillity Irrigation District
Kings River Water District	Tulare Lake Basin Water Storage District
Laguna Irrigation District	Tulare Lake Canal Company
Last Chance Water Ditch Company	Tulare Lake Reclamation District #761
Lemoore Canal & Irrigation Company	Upper San Jose Water Company

## U.S. ARMY CORPS OF ENGINEERS

The Corps from 1947-54 developed and has since operated and maintained Pine Flat Dam on behalf of the United States. In 1936, Congress assigned responsibility for the nation’s overall flood control to the Corps. The Pine Flat Project was one of many works authorized by Congress in the Flood Control Act of 1944. As discussed earlier, KRCD’s establishment was prompted by a desire among members of the KRWA, a private association, to have a public agency with which to negotiate contracts for shares of storage and repayment obligations. Those agreements, negotiated between the KRCD and U.S. Bureau of Reclamation (designated as the government’s agent in the process), were completed and signed in 1963. The Corps in 1959 reached agreement with KRCD under which the District assumed responsibility as the lead agency in downstream channel and levee improvement projects. Work continued for the next 16 years. Improved channel capacity preserved the amount of conservation storage space available in Pine Flat Reservoir. The Corps manages Pine Flat Dam with a staff at Piedra and support from the agency’s Sacramento District.

## CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

The CDFW administers fish and wildlife regulations and provides other fishery-related services, including, along the Kings River. The CDFW as a manager of the river and reservoir fisheries is a partner with the KRCD and KRWA in the Kings River Fisheries Management Program, which became reality in 1999.



# Kings River Federal Legislative Tracker

Last Updated: July 30, 2020

## Overview

The following legislative tracker provides the status of legislation introduced in the 116th Congress pertaining to the interests of Kings River. Each of the bill numbers is hyperlinked to the bill text, FiscalNote (FN) Outlook information and other related details.

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

This legislative tracker is developed in coordination with The Ferguson Group.

## Bills by Issue

### Recently Updated Bills (2)

Bill Number

HR 7575

Last Action

Order Of Business Mr Defazio Asked Unanimous Consent That Debate Under Clause 1 C Of Rule Xv On The Motion To Suspend The Rules Relating To H R 7575 Be Extended To One Hour Agreed To Without Objection 2020 07 29

Status

In Senate

FN Outlook

2.4%

51.2%

Title

Water Resources Development Act of 2020

Primary Sponsors

Peter DeFazio

Introduction Date:

2020-07-13

Bill Number

HR 1957

Last Action

Presented To President 2020 07 24

Status

Passed Senate

FN Outlook

21.2%

48.2%

Title

Great American Outdoors Act

Primary Sponsors

John Lewis

Bill Summary:

Last edited by TFG Reports at Jul 7, 2020, 7:10 PM  
This bill establishes the National Parks and Public Land Legacy Restoration Fund to support deferred maintenance projects on federal lands. Additionally, the bill makes funding for the Land and Water Conservation Fund (LWCF) permanent.

Introduction Date:

2019-03-28

## Kings River - Corps of Engineers (3)

<p>Bill Number</p> <p><b>HR 7575</b></p>	<p>Last Action</p> <p><b>Order Of Business Mr Defazio Asked Unanimous Consent That Debate Under Clause 1 C Of Rule Xv On The Motion To Suspend The Rules Relating To H R 7575 Be Extended To One Hour Agreed To Without Objection 2020 07 29</b></p>	<p>Status</p> <p><b>In Senate</b></p>	<p>FN Outlook</p> <p>2.4% 51.2%</p>
<hr/>			
<p><b>Title</b></p> <p>Water Resources Development Act of 2020</p>	<p><b>Introduction Date:</b> 2020-07-13</p>		
<p><b>Primary Sponsors</b></p> <p>Peter DeFazio</p>			

<p>Bill Number</p> <p><b>S 3591</b></p>	<p>Last Action</p> <p><b>S Amdt 1593 Senate Amendment Submitted 2020 06 08</b></p>	<p>Status</p> <p><b>In Senate</b></p>	<p>FN Outlook</p> <p>5.6% 85.4%</p>
<hr/>			
<p><b>Title</b></p> <p>America's Water Infrastructure Act of 2020</p>	<p><b>Bill Summary:</b> Last edited by TFG Reports at Jun 16, 2020, 5:51 PM This bill provides roughly \$17 billion in new federal authorizations to invest in our infrastructure for projects across the country.</p>		
<p><b>Primary Sponsors</b></p> <p>John Barrasso</p>	<p><b>Introduction Date:</b> 2020-05-04</p>		
<p><b>Organizational Notes</b></p> <p>Last edited by Kristi More at Jul 6, 2020, 9:41 PM #TFGWater Bill included as part of Senate WRDA reauthorization.</p>			

<p>Bill Number</p> <p><b>S 3590</b></p>	<p>Last Action</p> <p><b>Placed On Senate Legislative Calendar Under General Orders Calendar No 452 2020 05 11</b></p>	<p>Status</p> <p><b>In Senate</b></p>	<p>FN Outlook</p> <p>4.4% 85.3%</p>
<hr/>			
<p><b>Title</b></p> <p>Drinking Water Infrastructure Act of 2020</p>	<p><b>Bill Summary:</b> Last edited by TFG Reports at Jun 16, 2020, 5:50 PM This bill reauthorizes Safe Drinking Water Act programs that support drinking water infrastructure and provide resources and technical assistance to communities facing critical drinking water needs.</p>		
<p><b>Primary Sponsors</b></p> <p>John Barrasso</p>	<p><b>Introduction Date:</b> 2020-05-04</p>		
<p><b>Organizational Notes</b></p> <p>Last edited by Kristi More at Jul 6, 2020, 9:42 PM #TFGWater Bill included as part of Senate WRDA reauthorization.</p>			

<div>Bill Number</div> <div>S 4188</div>	<div>Last Action</div> <div>Committee On Energy And Natural Resources Subcommittee On Water And Power Hearings Held 2020 07 22</div>	<div>Status</div> <div>In Senate</div>	<div>FN Outlook</div> <div>4.3%80.2%</div>
<div>Title</div> <div>Water for Tomorrow Act of 2020</div>	<div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 9, 2020, 3:32 PM</div> <div>This bill would provide for drought preparedness and improved water supply reliability, and for other purposes.</div>		
<div>Primary Sponsors</div> <div>Kamala Harris</div>	<div>Introduction Date:</div> <div>2020-07-02</div>		

<div>Bill Number</div> <div>S 4189</div>	<div>Last Action</div> <div>Committee On Energy And Natural Resources Subcommittee On Water And Power Hearings Held 2020 07 22</div>	<div>Status</div> <div>In Senate</div>	<div>FN Outlook</div> <div>2.4%87.0%</div>
<div>Title</div> <div>Water for Conservation and Farming Act</div>	<div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 9, 2020, 3:33 PM</div> <div>This bill would provide for drought preparedness and improved water supply reliability.</div>		
<div>Primary Sponsors</div> <div>Ron Wyden</div>	<div>Introduction Date:</div> <div>2020-07-02</div>		

<div>Bill Number</div> <div>S 3811</div>	<div>Last Action</div> <div>Committee On Energy And Natural Resources Subcommittee On Water And Power Hearings Held 2020 07 22</div>	<div>Status</div> <div>In Senate</div>	<div>FN Outlook</div> <div>2.1%83.2%</div>
<div>Title</div> <div>Restoration of Essential Conveyance Act</div>	<div>Bill Summary:</div> <div>Last edited by TFG Reports at Jun 1, 2020, 7:59 PM</div> <div>This bill addresses the impacts of groundwater subsidence on major portions of California's water delivery system, and authorizes \$600 million in federal funding for three major projects to repair California's water delivery system. The bill provides \$200 million for the Friant-Kern Canal, \$200 million for the Delta-Mendota Canal, and \$200 million for the California Aqueduct. The bill also provides an additional \$200 million in funding for restoration of the San Joaquin River, including environmental protective infrastructure such as fish screens, fish bypass projects, and control structures necessary to successfully implement the San Joaquin River Restoration Settlement.</div>		
<div>Primary Sponsors</div> <div>Dianne Feinstein</div>	<div>Introduction Date:</div> <div>2020-05-21</div>		
<div>Organizational Notes</div> <div>Last edited by Kristi More at Jul 9, 2020, 6:40 PM</div> <div>#TFGWater Provisions in this bill are essentially the same as those included in HR 5752 (Costa) and HR 5316 (Cox).</div>			

Bill Number	Last Action	Status	FN Outlook
HR 2	Received In The Senate 2020 07 20	In Senate	81.1% 46.2%
<div> <div> <b>Title</b> Moving Forward Act </div> <div> <b>Primary Sponsors</b> Peter DeFazio </div> </div> <div> <b>Bill Summary:</b> Last edited by TFG Reports at Jul 1, 2020, 8:25 PM This bill addresses provisions related to federal-aid highway, transit, highway safety, motor carrier, research, hazardous materials, and rail programs at the Department of Transportation, among other provisions, including the Bureau of Reclamation </div> <div> <b>Introduction Date:</b> 2020-06-11 </div>			
<b>Organizational Notes</b>  Last edited by Kristi More at Jul 6, 2020, 10:04 PM #kingsriver The Family Farm Alliance sent a comment letter on the FUTURE Drought Resiliency Act on 2/7/20.  Last edited by Kristi More at Jul 6, 2020, 10:01 PM #TFGWater HR 2 serves as the official introduction of Rep. Harder's FUTURE Drought Resiliency Act. Rep. Huffman had previously called for comments on the discussion draft in January and February of 2020. Prior to the introduction of HR 2, the FUTURE bill had only been released in draft form.			
Bill Number	Last Action	Status	FN Outlook
HR 7482	Introduced In House 2020 07 02	In House	5.4% 85.4%
<div> <div> <b>Title</b> Future of Agricultural Resiliency And Modernization Act </div> <div> <b>Primary Sponsors</b> Josh Harder </div> </div> <div> <b>Bill Summary:</b> Last edited by TFG Reports at Jul 30, 2020, 7:14 PM The bill would provide over \$2.5 billion in funding to help farmers reduce greenhouse gas (GHG) emissions, increase carbon sequestration, improve air, water, and soil quality, and convert agriculture byproducts to efficient uses. The bill would also establish a first-of-its-kind Pyrolysis grant program to help tree nut farmers convert by-products into climate-friendly biocarbon products. </div> <div> <b>Introduction Date:</b> 2020-07-02 </div>			
Bill Number	Last Action	Status	FN Outlook
HR 6617	Referred To The Subcommittee On Water Oceans And Wildlife 2020 04 29	In House	6.5% 85.6%
<div> <div> <b>Title</b> Western Water Storage Infrastructure Act </div> <div> <b>Primary Sponsors</b> TJ Cox </div> </div> <div> <b>Bill Summary:</b> Last edited by TFG Reports at May 12, 2020, 3:45 PM This bill would provide additional funding for surface storage, groundwater storage, and the supporting conveyance facilities. </div> <div> <b>Introduction Date:</b> 2020-04-24 </div>			

Bill Number	Last Action	Status	FN Outlook
HR 4891	Subcommittee On Water Oceans And Wildlife Discharged 2020 03 11	In House	24.5% 90.2%
<b>Title</b>	<b>Bill Summary:</b> Last edited by TFG Reports at May 12, 2020, 3:45 PM		
Western Water Security Act of 2019	This bill would give an additional \$120 million to the Bureau of Reclamation's WaterSMART program; authorize an additional \$65 million to support desalination design and construction, setting aside \$15 million for rural desalination projects; and authorizes the Cooperative Watershed Management Program.		
<b>Primary Sponsors</b>	<b>Introduction Date:</b> 2019-10-28		
Xochitl Torres Small			
<b>Organizational Notes</b>			
Last edited by Kristi More at Jul 6, 2020, 9:50 PM			
#TFG #TFGWater Bill was included in the Moving Forward Act, H.R. 2.			

Bill Number	Last Action	Status	FN Outlook
HR 3723	Subcommittee On Water Oceans And Wildlife Discharged 2020 03 11	In House	40.9%85.2%
Title	Bill Summary: Last edited by TFG Reports at Jul 1, 2020, 5:20 PM		
Desalination Development Act	The bill would require projects to comply with all state environmental laws, such as California's Ocean Plan; and prioritize projects with subsurface intakes, projects that use renewable energy and more efficient desalination processes, and projects that reduce imported water use.		
Primary Sponsors	Introduction Date: 2019-07-11		
Mike Levin			
Organizational Notes			
Last edited by Kristi More at Jul 6, 2020, 9:51 PM			
#TFG #TFGWater Bill was included in the Moving Forward Act, H.R. 2.			

Bill Number

HR 2473

Last Action

Subcommittee On Water Oceans And Wildlife  
Discharged 2020 03 11

Status

In House

FN Outlook

5.4%

89.3%

#### Title

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

#### Primary Sponsors

Josh Harder

**Bill Summary:** Last edited by TFG Reports at May 12, 2020, 3:45 PM

This is the companion bill to H.R. 116, the Water Recycling Investment and Improvement Act. The bill provides a broad approach to addressing water issues facing the Central Valley by increasing storage opportunities, spurring innovation, and making investments in our aging infrastructure. The bill also leverages federal resources to identify prime locations for groundwater storage and recharge in California and across the Western United States. This bill requires the Bureau of Reclamation to expedite feasibility studies for four specific storage projects in the Central Valley, including: Sites Reservoir, Del Puerto Canyon Reservoir, Los Vaqueros and San Luis Reservoirs and provides \$100 million in storage funding. The bill also invests in water reuse and recycling by increasing funding for WaterSMART programs from \$50 million to \$500 million and extending the program's authorization. It also establishes a water infrastructure and drought resolutions fund to provide \$300 million for water surface and groundwater storage, reclamation and reuse, and WaterSMART program projects. The bill would create a innovating financing program which would provide low-interest federal loans to fund local water infrastructure projects, and would reauthorize the Rural Water Supply Act.

**Introduction Date:** 2019-05-02

#### Organizational Notes

Last edited by Kristi More at Jul 6, 2020, 9:27 PM

#TFGWater The groundwater recharge provisions of the bill were included in the Moving Forward Act, H.R. 2. The other provisions of the bill, including the authorizations for a water infrastructure fund and a financing program through Reclamation (RIFIA) were not included.

Last edited by Kristi More at Jul 6, 2020, 9:27 PM

#TFGWater The House Natural Resources Subcommittee on Water, Oceans, and Wildlife held a hearing on this bill on June 13, 2019.

Bill Number

HR 5347

Last Action

Committee Consideration And Mark Up  
Session Held 2020 02 12

Status

In House

FN Outlook

17.9%

87.2%

#### Title

Disadvantaged Community Drinking Water Assistance Act

#### Primary Sponsors

TJ Cox

**Bill Summary:** Last edited by TFG Reports at Jul 1, 2020, 5:22 PM

The bill would require the Secretary of the Interior to establish a grant program to close gaps in access to safe drinking water in disadvantaged communities.

**Introduction Date:** 2019-12-06

#### Organizational Notes

Last edited by Kristi More at Jul 6, 2020, 9:52 PM

#TFGWater Bill was included in the Moving Forward Act, H.R. 2.



Bill Number

HR 5316

Last Action

Committee Consideration And Mark Up  
Session Held 2020 02 12

Status

In House

FN Outlook

7.7%88.9%

Title

Move Water Now Act

Primary Sponsors

TJ Cox

Bill Summary:

Last edited by TFG Reports at May 12, 2020, 3:46 PM  
This legislation aims to address the severely limited capacity of the Friant-Kern Canal in California's San Joaquin Valley, issues caused by severe land subsidence over the past 7 decades.

Introduction Date:

2019-12-05

Organizational Notes

Last edited by Kristi More at Jul 9, 2020, 6:43 PM  
#TFGWater Provisions of this bill were included almost verbatim in S. 3811 (Feinstein).

Last edited by Kristi More at Jul 6, 2020, 9:52 PM  
#TFGWater Bill was included in the Moving Forward Act, H.R. 2.

Bill Number <b>HR 5217</b>	Last Action <b>Referred To The Subcommittee On Conservation And Forestry 2019 12 11</b>	Status <b>In House</b>	FN Outlook 7.8% 76.8%
<hr/>			
<b>Title</b> WOW Act	<b>Bill Summary:</b> Last edited by TFG Reports at May 12, 2020, 3:46 PM The bill streamlines water districts' contact renewals, expedites water transfers and gives the Secretary of the Interior discretion to modify dam operations in the Central Valley Project to provide reasonable water flows of suitable quality, quantity, and timing to protect migrating fish.		
<b>Primary Sponsors</b> Tom McClintock	<b>Introduction Date:</b> 2019-11-21		

Bill Number	Last Action	Status	FN Outlook
S 1932	Committee On Energy And Natural Resources Senate Subcommittee On Water And Power Hearings Held 2019 07 18	In Senate	3.5%86.2%
<b>Title</b> Drought Resiliency and Water Supply Infrastructure Act		<b>Bill Summary:</b> Last edited by TFG Reports at Jan 16, 2020, 10:27 PM This bill would support water infrastructure in the nation's Reclamation states, as well as extend federal funding an additional five years, including \$670 million in surface and groundwater storage projects; \$100 million for water recycling projects; and \$60 million for desalination projects. The bill would also establish a new loan program for water agencies designed to spur investment in new water supply projects. Key provisions include but are not limited to expanding and updating the Bureau of Reclamation funding authorizations in the Water Infrastructure Improvements for the Nation Act (WIIN) to fund portions of federal (50%) and non-federal (25%) surface and groundwater storage and conveyance facilities, as well as cost share (25%) additional water reuse and recycling and desalination projects; and creating a new loan program at 30-year Treasury rates for water supply projects under what would be established under the Reclamation Infrastructure Financing and Innovation Act (RIFIA). These loans would use criteria (49% maximum loan) modeled after the well-established Water Infrastructure Financing Innovation Act (WIFIA) program at the Environmental Protection Agency (EPA). The legislation would also authorize \$140 million for restoration and environmental compliance projects, including forest, meadow and watershed restoration projects with water benefits and projects to help restore threatened and endangered species affected by Reclamation water projects.	
<b>Primary Sponsors</b> Cory Gardner		<b>Introduction Date:</b> 2019-06-20	
<b>Organizational Notes</b>			
Last edited by Kristi More at Jul 6, 2020, 9:57 PM #TFGWater Revised language for S. 1932 was circulated for comment in February 2020. New bill text has not been introduced yet.			
Last edited by Kristi More at Jul 6, 2020, 9:53 PM #kingsriver Kings River Conservation District wrote letter of support on 12/11/19.			
Last edited by Kristi More at Jul 6, 2020, 9:53 PM #TFGWater On July 18, 2019, the Senate Committee on Energy and Natural Resources Subcommittee on Water and Power held a hearing on the bill.			

## Kings River - Other (11)

Bill Number	Last Action	Status	FN Outlook
HR 1957	Presented To President 2020 07 24	Passed Senate	21.2% 48.2%
<hr/>			
<b>Title</b> Great American Outdoors Act		<b>Bill Summary:</b> Last edited by TFG Reports at Jul 7, 2020, 7:10 PM This bill establishes the National Parks and Public Land Legacy Restoration Fund to support deferred maintenance projects on federal lands. Additionally, the bill makes funding for the Land and Water Conservation Fund (LWCF) permanent.	
<b>Primary Sponsors</b> John Lewis		<b>Introduction Date:</b> 2019-03-28	

<div> <div>Bill Number</div> <div>HR 7613</div> </div>	<div> <div>Last Action</div> <div>Placed On The Union Calendar Calendar No 361 2020 07 15</div> </div>	<div> <div>Status</div> <div>In House</div> </div>	<div> <div>FN Outlook</div> <div>17.1%83.2%</div> </div>
<div> <div>Title</div> <div>Energy and Water Development and Related Agencies Appropriations Act, 2021</div> </div>	<div> <div>Primary Sponsors</div> <div>Marcy Kaptur</div> </div>	<div> <div>Introduction Date: 2020-07-15</div> </div>	
<div> <div>Bill Number</div> <div>S 3922</div> </div>	<div> <div>Last Action</div> <div>Introduced In Senate 2020 06 09</div> </div>	<div> <div>Status</div> <div>In Senate</div> </div>	<div> <div>FN Outlook</div> <div>5.7%80.0%</div> </div>
<div> <div>Title</div> <div>Coronavirus Regulatory Repeal Act of 2020</div> </div>	<div> <div>Primary Sponsors</div> <div>Rand Paul</div> </div>	<div> <div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 6, 2020, 10:24 PM The bill would require Congress to justify restoring regulations that were either modified or waived in response to the COVID-19 pandmeic.</div> </div>	<div> <div>Introduction Date: 2020-06-09</div> </div>
<div> <div>Bill Number</div> <div>S 3926</div> </div>	<div> <div>Last Action</div> <div>Read Twice And Referred To The Committee On Environment And Public Works 2020 06 09</div> </div>	<div> <div>Status</div> <div>In Senate</div> </div>	<div> <div>FN Outlook</div> <div>3.1%78.9%</div> </div>
<div> <div>Title</div> <div>Federal Permitting Modernization Act of 2020</div> </div>	<div> <div>Primary Sponsors</div> <div>Ted Cruz</div> </div>	<div> <div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 6, 2020, 10:22 PM This bill amends the FAST Act to improve the federal permitting process.</div> </div>	<div> <div>Introduction Date: 2020-06-09</div> </div>
<div> <div>Bill Number</div> <div>S 3927</div> </div>	<div> <div>Last Action</div> <div>Read Twice And Referred To The Committee On Environment And Public Works 2020 06 09</div> </div>	<div> <div>Status</div> <div>In Senate</div> </div>	<div> <div>FN Outlook</div> <div>2.7%80.5%</div> </div>
<div> <div>Title</div> <div>A bill to establish a 90-day limit to file a petition for judicial review of a permit, license, or approval for a highway or public transportation project, and for other purposes.</div> </div>	<div> <div>Primary Sponsors</div> <div>Ted Cruz</div> </div>	<div> <div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 6, 2020, 10:23 PM The bill would establish a 90-day limit to file a petition for judicial review of a permit, license or approval for a highway or public transportation project.</div> </div>	<div> <div>Introduction Date: 2020-06-09</div> </div>
<div> <div>Bill Number</div> <div>HR 7130</div> </div>	<div> <div>Last Action</div> <div>Referred To The Subcommittee On Highways And Transit 2020 06 09</div> </div>	<div> <div>Status</div> <div>In House</div> </div>	<div> <div>FN Outlook</div> <div>11.0%78.8%</div> </div>
<div> <div>Title</div> <div>One Federal Decision Act of 2020</div> </div>	<div> <div>Primary Sponsors</div> <div>Rodney Davis</div> </div>	<div> <div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 6, 2020, 10:25 PM This bill would streamline the environmental review process for major projects.</div> </div>	<div> <div>Introduction Date: 2020-06-08</div> </div>

<div>Bill Number</div> <div>HR 6691</div>	<div>Last Action</div> <div>Referred To The Committee On Oversight And Reform And In Addition To The Committee On The Judiciary For A Period To Be Subsequently Determined By The Speaker In Each Case For Consideration Of Such Provisions As Fall Within The Jurisdiction Of The Committee Concerned 2020 05 01</div>	<div>Status</div> <div>In House</div>	<div>FN Outlook</div> <div>13.1% 72.2%</div>
<div>Title</div> <div>Coronavirus Regulatory Repeal Act of 2020</div>	<div> <div>Primary Sponsors</div> <div>Chip Roy</div> </div>		
		<div> <div>Bill Summary:</div> <div>Last edited by TFG Reports at Jul 6, 2020, 10:26 PM</div> <div>This bill repeals or modifies any agency rule that is temporarily waived or modified during the COVID-19 (i.e., coronavirus disease 2019) public health emergency, subject to a review process. The bill specifies procedures for Congress and the heads of agencies to analyze, review, and recommend whether the waiver or modification of a rule should continue and such waiver or modification expires only if a law is enacted in accordance with a recommendation that the rule be reinstated when the emergency period ends</div> </div>	
		<div> <div>Introduction Date:</div> <div>2020-05-01</div> </div>	
<div>Bill Number</div> <div>HR 6643</div>	<div>Last Action</div> <div>Referred To The House Committee On Ways And Means 2020 04 28</div>	<div>Status</div> <div>In House</div>	<div>FN Outlook</div> <div>7.7% 89.8%</div>
<div>Title</div> <div>Supporting State and Local Leaders Act</div>	<div> <div>Primary Sponsors</div> <div>Brad Schneider</div> </div>		
		<div> <div>Bill Summary:</div> <div>Last edited by TFG Reports at May 11, 2020, 2:30 PM</div> <div>The Supporting State and Local Leaders Act would make states and local governments eligible for the emergency paid leave payroll tax credits, which would help state and local budgets stretched thin by the COVID-19 pandemic.</div> </div>	
		<div> <div>Introduction Date:</div> <div>2020-04-28</div> </div>	
<div>Organizational Notes</div> <div> <div>Last edited by Kristi More at Jul 6, 2020, 9:43 PM</div> <div>#kingsriver On 4/14/20, the Kings River Conservation District sent a letter to House and Senate leadership supporting a change in the law to provide public employers access to the tax relief available to offset the added expense of meeting new emergency paid leave requirements. The letter supports provisions of this bill.</div> </div> <div> <div>Last edited by Kristi More at Jul 6, 2020, 9:46 PM</div> <div>#TFG Press Release: <a href="https://schneider.house.gov/media/press-releases/schneider-katko-cox-king-degette-introduce-bipartisan-legislation-make-states">https://schneider.house.gov/media/press-releases/schneider-katko-cox-king-degette-introduce-bipartisan-legislation-make-states</a></div> </div>			

Bill Number	Last Action	Status	FN Outlook
HR 1162	Subcommittee On Water Oceans And Wildlife Discharged 2020 03 11	In House	36.7% 84.1%

**Title**  
Water Recycling Investment and Improvement Act

**Primary Sponsors**  
Grace Napolitano

**Bill Summary:** Last edited by TFG Reports at May 12, 2020, 3:46 PM  
The bill aims to assist water agencies with the expansion, planning, design, and building of water recycling plants and modernizing water infrastructure in California and other western states. Specifically, the bill would increase funding authorization for the Bureau of Reclamation's Title XVI water recycling competitive grant program to \$500 million from \$50 million. It would also make the program permanent as it currently expires in 2021, and funds water recycling and reuse projects for 17 western states.

**Introduction Date:** 2019-02-13

#### Organizational Notes

Last edited by Kristi More at Jul 6, 2020, 9:47 PM  
#TFG Bill was included in the Moving Forward Act, H.R. 2.

Last edited by Kristi More at Jul 6, 2020, 9:47 PM  
#TFG The House Natural Resources Subcommittee on Water Oceans and Wildlife held a hearing on this bill on June 13, 2019.

Bill Number	Last Action	Status	FN Outlook
S 3422	Read The Second Time Placed On Senate Legislative Calendar Under General Orders Calendar No 438 2020 03 10	In Senate	3.7% 88.4%

**Title**  
Great American Outdoors Act

**Primary Sponsors**  
Cory Gardner

**Bill Summary:** Last edited by TFG Reports at Jul 1, 2020, 5:26 PM  
This bill establishes the National Parks and Public Land Legacy Restoration Fund to support deferred maintenance projects on federal lands.

**Introduction Date:** 2020-03-09

#### Organizational Notes

Last edited by Kristi More at Jul 6, 2020, 9:46 PM  
#TFG See status of companion bill H.R. 1957.

Bill Number	Last Action	Status	FN Outlook
S 2657	S Amdt 1407 Considered By Senate Consideration Cr S 1644 2020 03 10	In Senate	3.8% 85.8%

**Title**  
Advanced Geothermal Innovation Leadership Act of 2019

**Primary Sponsors**  
Lisa Murkowski

**Bill Summary:** Last edited by TFG Reports at Jul 6, 2020, 10:28 PM  
The bill would accelerate geothermal energy development in the U.S. The bill includes provisions for research and development of both existing and enhanced geothermal systems, resource assessment updates, grant program authorization, and improved permitting.

**Introduction Date:** 2019-10-22

## ***The Snow Water Supply Forecasting Program Authorization Act***

### **Background: Aerial Snowpack Observatory (ASO) and Snowpack Measurement Technologies**

ASO technology is an aerial snow monitoring tool that provides precise measurement of depth and water content for every square meter of snow in a watershed that, when combined with conventional snow surveys, provides a near-perfect picture of snow water content. The technology measures snow depth and water content using an airplane-mounted light detection (LiDAR) instrument coupled with an imaging spectrometer.

When the data obtained through ASO surveys are combined with computer-based snowmelt models, they can provide future runoff forecasts for entire seasons, expanding snowpack and runoff forecast accuracies from the current 50-90% to 96-99%. Expanding the use of ASO technology and other similar technologies will be critical to more accurately predict snowpack and runoff – modeling that will be especially important in better managing competing missions of Western water storage reservoirs for flood control and water supply amidst a changing climate and growing population.

### **By the numbers** Improves water reservoir management:

- Errors in water-storage management can cost hundreds of millions of dollars in unnecessary releases from reservoirs and extra groundwater pumping.
- ASO technology predicts seasonal runoff forecasts with 96 to 99% accuracy.
- Investment in additional ASO flights to better measure snowpack often has a high return on investment, as much as 40:1 for water supply benefits, and 80:1 for all benefits.

### **Need for Legislation**

After several years developing and refining the deployment of snowpack measurement technology, in December 2019, NASA concluded management of the Airborne Snow Observatory (ASO) program and transferred it to the private sector. While a beneficial step in effective deployment of the program as it is currently understood, such a step reduces the certainty for federal support of a program with significant public benefits, including improved water conservation, supply and delivery forecasts across the West.

### **Purpose**

The bill establishes a program within the Department of the Interior which will improve the understanding, management, and deployment of snowpack measurement technologies used for seasonal water forecasting and preserve key elements of the basic technology elements of the ASO program, thus allowing the federal government to remain a key partner in partnership based efforts to increase water supply storage, improve water management efficiencies, and enhance flood control measures.

In particular, formal establishment of the program would provide continued strong benefits across the West, including but not limited to: Sierra Nevada and Cascade Mountains; the front range of the Rocky Mountains of Colorado, Wyoming and New Mexico; the Colorado River tributaries in Utah and Arizona, and the Pacific Northwest.

\$15 million would be authorized for the program from fiscal years 2022 to 2026.





*Bringing  
Water  
Together*

**July 14, 2020**

**The Honorable Peter DeFazio  
Chairman – U.S. House Transportation and  
Infrastructure Committee  
2134 Rayburn House Office Building  
Washington, D.C. 20515**

**The Honorable Sam Graves  
Ranking Member – U.S. House  
Transportation and Infrastructure  
Committee  
1135 Longworth House Office Building  
Washington, D.C. 20515**

**The Honorable Grace Napolitano  
Chairwoman – Subcommittee on Water  
Resources and Environment  
1610 Longworth House Office Building  
Washington, D.C. 20515**

**The Honorable Bruce Westerman  
Ranking Member – Subcommittee on  
Water Resources and Environment  
209 Cannon House Office Building  
Washington, D.C. 20515**

**RE: ACWA Support for Advancement of WRDA 2020**

Dear Representatives DeFazio, Graves, Napolitano and Westerman:

The Association of California Water Agencies (ACWA) is pleased to support the advancement of your Water Resources Development Act of 2020 (WRDA). ACWA's 455 public water agency members supply over 90 percent of the water delivered in California for residential, agricultural, and municipal uses. As the largest statewide coalition of public water agencies, ACWA knows the importance of water to our nation.

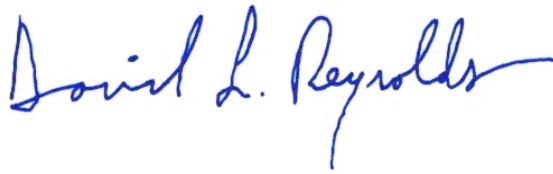
WRDA 2020 provides authority for the U.S. Army Corps of Engineers (Corps) to carry out water resources development projects and studies, as well as reforms and policy direction to the Corps for implementation of its civil works missions. Passage of this legislation out of the House Transportation and Infrastructure Committee is an important step in providing federal assistance and guidance to our nation's water systems. The bill contains numerous important provisions, including sections pertaining to navigation, flood control improvements, national dam safety, and use of natural infrastructure.

ACWA looks forward to assisting you and your staffs as the WRDA 2020 process continues to move forward. Thank you for your leadership on this vital water legislation.

**SACRAMENTO** 980 9th Street, Suite 1000, Sacramento, CA 95814 • (916) 441-4545  
**WASHINGTON, D.C.** 400 North Capitol Street NW, Suite 357, Washington, DC 20001 • (202) 434-4760

[www.acwa.com](http://www.acwa.com)

Sincerely,



David Reynolds  
Director of Federal Relations

CC:

U.S. House Transportation and Infrastructure Committee, California Delegation



Bringing  
Water  
Together

July 17, 2020

**The Honorable Lisa Murkowski**  
**Chairwoman – Senate Committee on**  
**Energy & Natural Resources**  
**522 Hart Senate Building**  
**Washington, D.C. 20510**

**The Honorable Joe Manchin**  
**Ranking Member – Senate Committee on**  
**Energy & Natural Resources**  
**306 Hart Senate Building**  
**Washington, D.C. 20510**

**RE: ACWA Support for S. 3811, Restoration of Essential Conveyance Act**

Dear Chairwoman Murkowski and Ranking Member Manchin,

The Association of California Water Agencies (ACWA) is pleased to support S. 3811, the Restoration of Essential Conveyance Act. ACWA's 455 public water agency members supply over 90 percent of the water delivered in California for residential, agricultural, and municipal uses.

S. 3811 raises the critical issue of deteriorating canal infrastructure across the American west. Subsidence, in addition to the age of canal infrastructure, continues to put California water users at a risk of supply shortages due to an inability to transfer water across the state. The Restoration of Essential Conveyance Act will help ensure water resiliency for Californians by providing funding for subsidence mitigation projects.

ACWA appreciates Senator Feinstein's efforts and specific actions this legislation takes to address these issues. We look forward to working with you to advance S. 3811 during this Congress and if you have any questions, feel free to contact ACWA's DC office at (202) 434 – 4760.

Sincerely,

David Reynolds  
Director of Federal Relations

CC:

U.S. Senator Dianne Feinstein

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4886 East Jensen Avenue  
Fresno, California 93725

Tel: 559-237-5567  
Fax: 559-237-5560

www.krcd.org

August 3, 2020

## ***Memorandum***

TO: Paul G. Peschel, P.E., General Manager

FROM: Cristel L. Tufenkjian, Director of External Affairs *CT*

SUBJECT: Monthly Status Report – July 2020

### **STRATEGIC PLAN OBJECTIVE 6A**

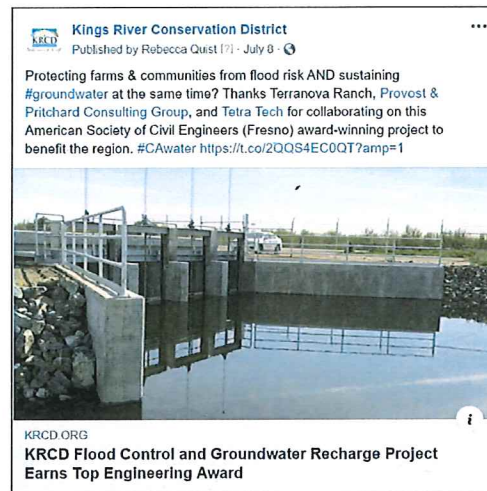
Increase awareness around KRCD's activities and how they relate to/impact our constituents and the general public through relevant, timely, clear, and transparent communications.

### KRCD Communications Campaign

**E-Updates:** Staff attended regional SGMA meetings to write status updates for the July SGMA E-News update. Staff also coordinated across departments to increase efficiency on meeting attendance, exchanging notes from water resources staff attending on water resource department's behalf. A July update was sent to the SGMA E-News email list of 356 recipients on July 9, 2020. Staff also supported outreach efforts of the Kings River Quality Coalition to encourage permitted dischargers to attend a Nitrate Control Program pathways workshop.

Date	Email Topic	Audience	Recipients	Open rate	Click-through
7/9/2020	SGMA E-Update, July	SGMA E-News	356	44%	21%
	Nitrate Control Pathway				
7/21/2020	Workshop	ILRP	105	47%	22%

**Social Media:** External Affairs staff members continued developing content via Hootsuite content manager across social channels. In addition, research was conducted on SEO (Search Engine Optimization) to implement processes to optimize the visibility of KRCD's managed websites by search engines, like Google. KRCD's Facebook page saw a 265% increase in engagement, largely thanks to the top performing post announcing KRCD's American Society of Civil Engineers award.



KRCD's LinkedIn account gained six new followers, and the page saw a 97% increase in visits. The top post received 846 impressions, 30 reactions, and 37 link clicks to a KRCD website article.

**KRCD website:** KRCD staff developed a website analytics tracking matrix to help optimize content and usability. The matrix will help aid staff in future content development efforts for the website.

New content on the website includes the July SGMA E-News update and a blog post highlighting the Terranova Project award from the American Society of Civil Engineers. The engineering award post received 125 views, accounting for 8% of total pageviews on the website for the month of March. Of the 125 views on the award post, 90% can be attributed to referrals from KRCD's social media article posts across Twitter, Facebook, and LinkedIn. These analytics highlight the importance of integrated communications, wherein diverse communications mediums (website, social media, email) are harnessed to engage audiences with content that provides valuable information and supports the reputation of KRCD.

**Water Safety Council:** External Affairs staff assisted the Water Safety Council with its monthly Facebook advertisement run over the July 4<sup>th</sup> weekend. A graphic with a photo background of Avocado Lake included messaging urging the public to ensure an adult is always supervising children around lakes and rivers. Messaging also included instruction to wear a flotation device and learn CPR. A single ad promoting this messaging was run for a total of \$200. The post reached 30,000 individual people and received 2,300 engagements, including 465 post shares.

**Kings River Fisheries Management Program:** External Affairs highlighted the KRFMP via social media channels, sharing the snorkel survey video. KRCD's tweet of the KRFMP snorkel survey video received a like and retweet from ACWA. ACWA's twitter account has 11.8 thousand followers.





**Media:** Provided suggested contacts in Tulare County to Stanford Water in the West Writer in Residence Felicity Barringer regarding the agricultural perspective on COVID-19.

#### **STRATEGIC PLAN OBJECTIVE 6B**

Strengthen relationships with external audiences including Federal, State, and local influencers.

#### **Federal and State Legislative and Regulatory Advocacy**

To support General Manager Paul Peschel's recent outreach efforts with State Water Resources Control Board and DWR staff, External Affairs developed a handout on the primary responsibilities and jurisdictions within the Kings River system of KRCD, KRWA, CDFW & U.S. Army Corps of Engineers.

External Affairs staff members compiled and wrote summaries on State and Federal legislative and regulatory information to support KRCD advocacy efforts. KRCD's quarterly lobbyist report was filed with the Secretary of State.

Valley Ag Water Coalition quarterly lobbyist report was completed and filed with the Secretary of State, along with monthly administrative support was provided to the Coalition.

#### **STRATEGIC PLAN OBJECTIVE 6C**

Educate and support constituents in successfully implementing regulatory and regional programs

#### **Groundwater Sustainability Plans Implementation Campaigns and Outreach**

##### **KINGS SUBBASIN OUTREACH SERVICES**

**McMullin Area GSA:** Several outreach services for the McMullin Area GSA were performed.

- Technical support for a Zoom board meeting
- Published 3 website articles highlighting board meeting updates
- Sent Email Update on July board meeting via Constant Contact to interested persons
- Emailed Stakeholder Alert on new draft board policy
- Developed social media calendar via Hootsuite to ensure continuous content flow
- Coordinated KRCD support with the water market study outreach team for event promotion and website posting
- Began brainstorming upcoming special campaign for FY2020-21

**North Fork Kings GSA:** Several outreach services for the North Fork Kings GSA were performed.

- Developed a Fiscal Year 2020-21 outreach budget tracking document
- Published four website articles highlighting board meetings and subsidence monitoring agreement with KRCD
- Administrated Rural Communities Advisory Committee meeting via Zoom
- Began coordinating with technical staff to initiate a landowner survey campaign both online and via direct mail. Work to date on the campaign includes:
  - Campaign kick-off with all staff
  - Campaign brief, general timeline, and budget
  - Draft survey questions

**North Kings GSA:** Several outreach services for the North Kings GSA were performed.

- Developed an August social media post calendar
- Developed FY 2020-21 budget tracking document
- Developed two campaign briefs for two stakeholder segments: schools and domestic well owners

#### TULARE LAKE SUBBASIN OUTREACH SERVICES

**South Fork Kings GSA:** Several outreach services for the South Fork Kings GSA were performed.

- External Affairs staff continues to coordinate with the GSA's technical consultant to develop a landowner survey with the goal of collecting data on groundwater extractions within the agencies services area. Planning to date includes:
  - Campaign budget and general timeline
  - Survey questions and direct mail piece layout
  - Survey audience segments
  - SFK updated map and segmented mailing list

#### Implementation of Educational Programs for ILRP and CV-SALTS

**CV-SALTS:** External Affairs staff supported outreach efforts via Constant Contact email to promote the July 29<sup>th</sup> Nitrate Control Program workshop hosted by the Kings River Water Quality Coalition.

CT/sjs

R20-0036  
File: 202.03



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August 5, 2020

## Memorandum

TO: David M. Merritt, Deputy General Manager, Chief Operating Officer

FROM: Charlotte Gallock, Director of Water Resources

SUBJECT: Monthly Status Report for Water Resources and Environmental Division – July 2020

My report on water quality policy and implementation, water resources, and Water Resources and Environmental Division activities was prepared this month with assistance from Debra Dunn, Eric Athorp, Soua Lee, Jose Soto, Sonja Thiede, Jarrett Winther, Vincent Sambrano, Heidi Isner and Lori Werner.

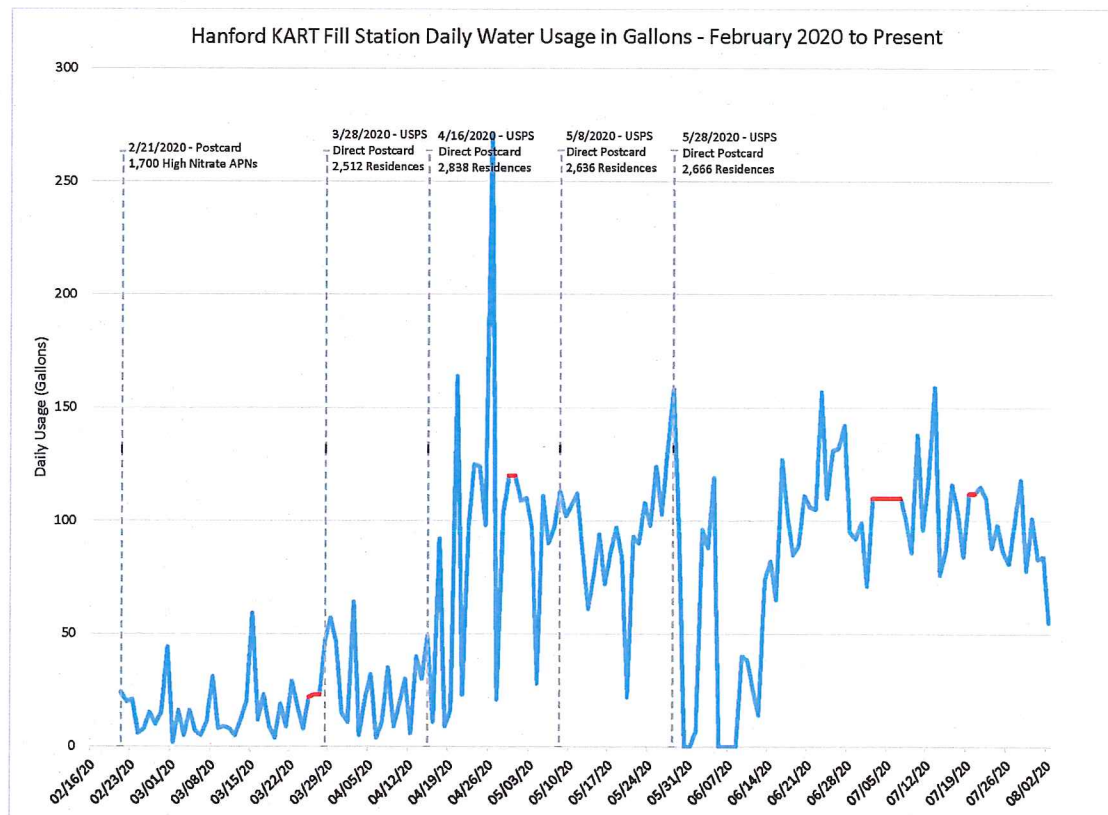
### WATER QUALITY

#### Kings River Water Quality Coalition (KRWQC or Coalition)

##### KRWQC Board Meeting

The next KRWQC meeting is August 18<sup>th</sup>; no meeting was held in July.

##### Fill Station Development and Construction



The Hanford fill station was fully operational for the month of July and averaged 103 gallons daily water usage. Bacteria samples collected at the fill station in July resulted in

David M. Merritt, Deputy General Manager, Chief Operating Officer  
August 4, 2020  
Page 2

absent results. Staff continue to implement solutions and modify maintenance schedules as necessary at the fill station.

On June 12<sup>th</sup>, comments were received from the City of Kerman on the Kerman fill station permit. The City requested additional construction details for the shade structure, accessibility (ADA) requirements, electrical conduit, and pipeline materials. Resubmittal was completed on July 10<sup>th</sup> with the requested details. Approval of the building permit was received on August 3, 2020. Construction and fill station delivery is anticipated to be completed by the end of September.

Coalition staff and consultants have been working with Tulare County to finalize a site plan and agreement for the Dinuba fill station located at the Dinuba Public Library. A legal description from the preliminary design (rendering) of the site was submitted on June 24<sup>th</sup> for incorporation into the fill station agreement. The legal description continues to be under review with the County Surveyor. The Coalition continues to work through necessary insurance requirements.

#### Nitrate Management Zones

KRWQC policy committee and board has determined to use the Coalition boundary as the Kings Management Zone for the Preliminary Management Zone Proposal due to the Regional Water Quality Control Board on March 8, 2021. Management Zone participants will need to develop an Early Action Plan that will provide short-term water supply solutions to areas with nitrate impacted wells. The Coalition held a Management Zone informational workshop on July 28, 2020 at 10:00 a.m. for dischargers and interested parties in the Kings Management Zone area. Over 70 individuals accepted the invitation with over 60 attending the event. Collaboration, planning, follow-up and outreach efforts occurred throughout July to promote maximum participation.

#### Isotope Study – Phase 2

Nothing to report in July.

#### KRWQC Membership Activities

As of July 31, 2020, 3,865 members have submitted payments totaling in \$2,375,693 covering approximately 750,998 acres. A final invoice was sent in July to all members who have not yet made a payment and to any member with a balance on their account of ten dollars or more.

On July 11, 2020, the ILRP database portal was taken offline to be transferred to a new program firm (MLJ Environmental). Access to the user portal should be regained in the next 4 - 6 weeks.

Prior to access being halted, members continued to submit reports using hard copy templates, KRWQC online reporting database, or by utilizing a third party. Membership use of the online reporting database continued to increase with a total of 1,812 members reporting online.

Of the 3,486 members required to submit a Farm Evaluation and Nitrogen Management Plan Summary Report this year, 183 Farm Evaluations have been submitted this month totaling in 3,412 and 188 Nitrogen Management Plan Summary Reports submitted this month totaling 3,381 for the 2019 crop year.

On July 31, 2020, the final Participant List was submitted to the Central Valley Regional Water Quality Control Board. As part of that list, 3,865 members will remain enrolled in the Coalition. Seventy-nine of those members will receive a termination letter due to non-payment.



David M. Merritt, Deputy General Manager, Chief Operating Officer  
August 4, 2020  
Page 3

### Web-Based Submittal Database

The Coalition continues discussions with developers to prepare a new web-based portal for the new reporting year. Discussions include the migration of member data from the Coalition's previous database, design of the web-portal's login page and design of the web-portal's member dashboard.

### Outreach Activities

Emails and postcards were sent to all Coalition members reminding them of the State's upcoming December 31, 2020 deadline for on-farm drinking water wells.

All growers who successfully completed a KRWQC self-certification course were notified by email of upcoming self-study and live webinar continuing education courses made available on the CURES website.

In addition, a robust outreach program is being developed for the new Management Zone.

### Surface Water Quality Monitoring Plan Revisions

The consultant continues to prepare the updates to the Surface Water Monitoring Plan. A modified pesticide monitoring program has been implemented where site and time of usage-specific constituents are monitored at 2 of the 8 available sample sites. Sites represent an "upper" and "lower" river location and will be rotated yearly. Physical parameters and digital photographs are collected as before.

### Surface Water Quality Sampling Activities

Surface water samples were collected from Gould Canal, Manning Avenue, Lemoore Weir, Jackson Avenue, and Empire Weir 2 on July 20, 2020. Field sheets and photo documentation were collected at all sites including the three dry sites of Tivy Valley, Crescent Weir, and Stinson Weir.

### Drain Survey Activities

The monthly drain survey was conducted on July 24, 2020, for the upper river from Army Corps Bridge to Hwy 41. The south fork drains were also completed on July 31, 2020 along with the drains on the north fork, the vast majority which were dry.

### Groundwater Quality Trend Monitoring Plan

The Coalition has submitted to the Regional Board a professional review of the existing monitoring network and consequently, removed nearly forty sites from the network based on proximity to other wells or known sources of non-irrigated agriculture related discharges. The revised list was approved for use in 2020. Efforts continue to fill in other areas of the groundwater basin for future monitoring, using the same methodology to vet the proposed well locations.

### Groundwater Quality Trend Monitoring Activities

Nothing to report in July.

### Comprehensive Groundwater Quality Management Plan

The Management Practices Implementation Report (MPIR) was submitted to the Regional Board staff on July 15<sup>th</sup>; it is anticipated that it will be made available for a forty-five-day public comment period. The proposal is to present a limited MPIR to the Board now, and when certain revisions to the Comprehensive Groundwater Management Plans (related to groundwater protection targets) are made later this year, a revised MPIR will also be

David M. Merritt, Deputy General Manager, Chief Operating Officer  
 August 4, 2020  
 Page 4

submitted. This allows the coalitions to provide synthesized data from the FE reports in 2021 (covering the 2020 crop year) and add additional elements as the requirements are adjusted later.

### **Southern San Joaquin Valley Management Practices Evaluation Program (MPEP) Committee**

The monthly MPEP/CVSALTS committee meeting was held on July 1st. The Committee received updates on Fiscal status and on PlanTierra activities. John Dickey, PlanTierra, reported that the CIG (Conservation Innovation Grant) application was completed and submitted on June 26th. The grant application was for \$2 million, with focus on specific research to validate the SWAT model, incorporate a new Salinity module into SWAT, and continued Outreach. Integration of SWAT with CropManage (a UC developed Irrigation and Nutrient management tool) is also included in the proposed CIG effort. A proactive search for cooperating growers is underway, so that if awarded, the proposed field work can begin in 2021. It was reported later in July that the FREP grant was approved for an extension, thus allowing for more crops to be evaluated for N removed. Sarah Rutherford reported that the Surface Water Expert Panel that is reviewing the East San Joaquin Coalition's surface water monitoring program is still pushing for in-person meetings in August, but concern over panelist's health due to COVID may force a remote meeting instead. *KRWQC/KRCD serves as the Fiscal Agent for this Committee. (Participants: Kings, Kaweah, Tule, Kern, Cawelo, Westside, Buena Vista Coalitions).*

### **Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)**

The next CV-SALTS Executive Committee is August 20th; no meeting was held in July. *KRWQC/KRCD is the fiscal agent for this group. (Participants: Kings, Kaweah, Tule, Kern)*

### **Central Valley Groundwater Monitoring Collaborative (CVGMC)**

The QAPP for the CVGMC has been approved and the document signed by all parties. A revised workplan has been prepared and accepted by Regional Board staff. Updates for the 2019 and 2020 Trend Monitoring activities and other changes were requested by MLJ Environmental by July 31st (completed) so that the CQAP (new name) can be updated quickly. 2020 data input should begin shortly. The next scheduled meeting is August 14th.

*KRWQC/KRCD is the fiscal agent for this group. (Participants: Cawelo, Buena Vista, East San Joaquin, Kern, Kings, Kaweah, Kern, Westside, Westlands)*

### **Regional Water Quality Control Board (RWQCB) Activities**

Regional Board staff have not taken any enforcement actions during the month of July 2020. This is likely due to continued reduced Board staffing.

### **State Water Board Petition of the East San Joaquin General Order**

Nothing to report for July.

## **WATER RESOURCES**

### **Sustainable Groundwater Management Act of 2014 (SGMA)**

#### **Groundwater Sustainability Planning (GSP) Related Activities**

*North Fork Kings Groundwater Sustainability Agency (GSA) Implementation*



David M. Merritt, Deputy General Manager, Chief Operating Officer  
 August 4, 2020  
 Page 5

The North Fork Kings GSA Policy Committee is currently meeting regularly to develop the GSA's recharge and measurement policies to recommend to the GSA board.

#### *North Fork Kings GSA Grant Activities*

DWR found a clerical error in the amended Prop 1 Round 3 grant agreement that excluded language for the eligible cost dates, which must be added back into the agreement. The amendment to the grant agreement was executed by DWR on July 9, 2020. Submittal of the first quarterly progress report and invoice package for the Round 3 grant funds is delayed due to DWR continuing to make changes to the reporting format.

#### *South Fork Kings GSA Implementation*

The South Fork Kings GSA board created a standing Policy committee to develop and discuss policies related to the implementation of the GSP. In the July South Fork Kings GSA board meeting, members received an informational presentation on the LandIQ ETC methodology and program to calculate the amount of groundwater used in the GSA. The Technical Group and Policy committee will further explore the options to determine groundwater extraction for the GSA.

#### *South Fork Kings GSA Grant Activities*

The South Fork Kings GSA will be conducting a grower survey as a part of the California Resilience Challenge. In addition, the GSA is developing the Aquifer Storage and Recovery program plan for the pilot study also funded by the California Resilience Challenge.

#### **California Statewide Groundwater Elevation Monitoring Program – SBx7 6 (CASGEM)**

DWR staff have indicated that the reporting system for groundwater elevation monitoring will change in the next year. Since all the KRCD monitoring area is covered by Groundwater Sustainability Agencies, it is possible that all the KRCD monitoring will be absorbed by the various agencies.

#### **KRCD Subsidence Monitoring**

Staff developed a Subsidence Monitoring Program Extension and Implementation Plan that is currently under review. A cost-sharing agreement has been crafted and submitted to the Kings and Tulare Lake Subbasin GSA's for approval. Three GSA's have approved the agreement, as of this report: North Fork Kings, South Fork Kings, and Southwest Kings. Planning and preparation are underway for the 2020 survey scheduled for September/October.

#### **Kings Basin Water Authority (KBWA)**

##### Board of Directors

The KBWA Board of Directors held a meeting on July 15, 2020 via Microsoft Teams. The Board received staff reports and approved the following: quarterly financial reports, Fiscal Year 2020-21 Budget, XiO, Inc. As an Interested Party, and eight new projects to the IRWMP project list.

##### Advisory Committee

The Outreach Committee formed under the direction of the Advisory Committee held a meeting on July 22, 2020 to review and discuss updates made to the KBWA highlight

David M. Merritt, Deputy General Manager, Chief Operating Officer  
 August 4, 2020  
 Page 6

brochure. Staff continue to work with Provost & Pritchard on updates to the brochure. The next meeting is scheduled for August 26, 2020.

### **Prop 1 Disadvantaged Communities (DACs) Involvement Grant**

The next meeting of the Project Advisory Committee is scheduled for September 17, 2020.

### **Prop 1, Round 1 IRWM Implementation Grant**

Prop 1 Round 1 IRWM Implementation Grant Program awarded the Fresno Metropolitan Flood Control District \$1,113,033 for their Basin "CF" Groundwater Recharge and Flood Protection Project. This project would provide a direct benefit to the community of Malaga. The updated workplan, budget, schedule and project eligibility certification were submitted to DWR on July 20, 2020. Staff are awaiting a draft grant agreement from DWR.

### **Inter-regional and Statewide Coordination**

Staff participated in a quarterly meeting of the Roundtable of Regions. The Roundtable received updates on legislation, Steering Committee activities, status of the Water Resilience Portfolio, Tribal Engagement Webinar, and DAC Involvement work group activities. At this meeting, staff member Soua Lee was confirmed as a new representative on the Steering Committee. The role of the Steering Committee is to guide the efforts of the Roundtable and oversee the work of the Network Coordinator.

### **Kings River Conservation District Grants**

#### **McMullin On-Farm Flood Water Capture and Recharge Project**

Staff are preparing the quarterly progress report and invoice.

#### **Prop 84 Statewide Flood Emergency Response Grant Program**

Staff are preparing the quarterly progress report and invoice.

## **WATER RESOURCES DIVISION ACTIVITIES**

### **Geographic Information System (GIS) Projects**

#### **General**

Land Use data and parcel data updates were received and processed. Staff fulfilled map and data product requests for both. Staff continue to participate in training, as available, to update and hone their skills. Staff regularly participate in local, regional, and state GIS forums/organizations to remain up-to-date and help represent our regional interests in the ongoing development of GIS resources and issues that may affect KRCD and its various programs/interests.

#### **SGMA**

Staff researched parcel tax questions for NFKGSA and SFKGSA. Staff created a map and generated a mailing list for an upcoming External Affairs SFKGSA project. Subsidence data and project components are being reviewed and updated for better use in ongoing SGMA monitoring. Staff are creating a system to store, and map well permits in NFKGSA and working with Kings County for well permits/reports for SFKGSA.

#### **KRWQC**

Trend monitoring maps for the 2019 and 2020 sampling events were provided for report updates. Staff updated parcel and land use data for the Coalition area.

David M. Merritt, Deputy General Manager, Chief Operating Officer  
August 4, 2020  
Page 7

### Flood Maintenance

Staff are creating a pipeline profile from a previous survey. Staff completed maps, analyses, and research for the Proposition 68 application submitted in July. Staff are overseeing and reviewing the scanning of KRCD easement files to digital file storage.

### KBWA

Revised maps were created for the KBWA brochure update. Web map development is being planned. Data and information were provided in response to various queries.

## **ENVIRONMENTAL DIVISION**

### **Administrative Items**

#### Reservoir Profile

Staff conducted the reservoir profile on July 7<sup>th</sup> with assistance from Power Plant Staff. Temperatures between the penstocks and lower level of the reservoir ranged between 12-11C. Dissolved oxygen at the penstock level was just under 10 mg/L, decreasing to just over 3 mg/L at the lower level of the reservoir. Visibility in the lake was 20', algae was clearly present deeper within the lake as water had a distinct green cast to it. High levels of dissolved oxygen noted approximately 20' below the surface suggests high levels of oxygen production due to photosynthesis.

#### Flood O&M Support

Heidi Isner conducted a pre-project survey NE of Army Weir on July 21, 2020.

#### Meetings

Heidi Isner attended the Kings River Conservancy meeting on July 7<sup>th</sup> via Zoom. Key topics included potential fund-raising strategies during shelter-in-place restrictions, cancellation of the annual Game Warden Fund BBQ, plans to make the ACOE wildlife area ADA accessible as planned by ACOE staff.

### **Fisheries Management Program (FMP)**

#### Incubator Building

Two rounds of rainbow trout eggs were ordered from Cold Springs Hatchery for Winter 2020-21. 100k eggs will ship on December 28 and an additional 100k will ship on February 15, 2021.

#### Proposed Habitat Projects

Environmental staff researched and put together metrics and benchmarks of success as related to the projects proposed by Cramer Fish Sciences. Heidi Isner contacted Cramer Fish Sciences about following up on project proposals.

### **Executive Committee Meeting (ExCom)**

ExCom did not meet in July. The next meeting is scheduled for August 20, 2020.

### **Technical Steering Committee (TSC)**

Staff met with the TSC on July 28th. Items discussed included 1) current and projected water conditions in the river and reservoir, 2) status of fish stocking by the CDFW, 3) plans for the upcoming incubator season, 4) a status update regarding the reservoir habitat

David M. Merritt, Deputy General Manager, Chief Operating Officer  
August 4, 2020  
Page 8

meeting with the USACE and CDFW from June, and 5) a discussion how an upcoming grant opportunity could be applicable to a river enhancement project Cramer Fish Sciences had recommended to the FMP. Staff are still awaiting additional feedback from USACE regarding their desire to move forward with additional habitat enhancement within the reservoir this funding year. The next regular meeting of the TSC is slated for August 25, 2020.

### **Public Advisory Group (PAG)**

The PAG did not hold an in-person meeting in July. The next PAG meeting is tentatively scheduled for August 18, 2020.

### **Stocking**

#### **Supplemental Stocking Plan**

Supplemental stocking through Calaveras Trout Farm (CTF) is on track for the 2020/2021 fiscal year. Through the FMP, approximately 50,000 catchable-sized (9-10" fork length long and 3 fish per pound) rainbow trout and approximately 1,000 super-catchable sized (16-19" fork length long and 1.5-2.5 lbs. each) rainbow trout will be stocked. In July 2020, the KRCD entered into an additional contract with Calaveras Trout Farm to deliver up to 4,500 additional super-catchable sized trout for stocking in two to four locations.

Stocking will begin in October as long as water temperatures remain below 23C (73F) and continue through March. Supplemental fish purchased by the FMP are expected to be delivered 75% into the Put and Take zone (reach 1) and 25% into the Catch and Release zone (Reach 2) of the river while fish purchased by the KRCD are expected to be equally distributed.

#### **CDFW Annual Budgeted Stocking**

Staff have been informed by CDFW that stocking of the lower Kings River with trout by the CDFW occurred on a weekly basis during July. Weekly stocking by CDFW is expected to continue through August unless water temperature releases exceed 23C (73F).

CDFW indicated reductions in stocking may be on the horizon for the next fiscal year (2021/2022) due to budget shortfalls as a result of Covid-19 response by the state.

CG/dmr

R20-0040  
File: 202.03



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August 3, 2020

## ***Memorandum***

TO: Paul G. Peschel, P.E., General Manager

FROM: David M. Merritt, Deputy GM 

SUBJECT: Monthly Status Report – July 2020

This report covers the activities of the Jeff L. Taylor Pine Flat Power Plant, Kings River Flood Operations & Maintenance, Environmental / Fisheries, Capital and Grant Projects. Accounting / Business Operations and Water Resources are provided separately from the CFO and Director of Water Resources, respectively.

## **JEFF L. TAYLOR PINE FLAT POWER PLANT**

### **Reservoir Status:**

The reservoir elevation began the month at 883.03 feet (ft.) and storage of 640,410 acre-feet (AF). As of August 1, 2020, the reservoir elevation was 807.06 ft. and storage of 338,758 AF. Turbine discharge for the month was 363,713 AF. Discharge through the turbine bypass system was zero AF. Spill from the dam for the month was zero AF. Flow from Mill and Hughes Creeks was 0 AF.

### **Power Plant Generation:**

Net facility generation – 89,510 MWhrs.

### **Unit Status:**

Unit #	Gross MWhrs	In-Service Hours	Standby Hours	Out of Service Hours
1	29,752.04	744	0	0
2	29,382.47	743.8	0	0.2
3	31,184.21	744	0	0
<b>TOTAL</b>	<b>90,318.72</b>	<b>Note: Unit 2 trip on 7/18 due to cooling water flow</b>		

### **Administrative:**

COVID19 preventative measures:

- Continue to abide by Fresno County and State orders/recommendations
- Increased preventative measures are in place

FERC License Renewal – our consultant and I completed the DRAFT boundary amendment and forwarded it to DWR for review and comment. I expect their response the first week of August and will engage our FERC attorney prior to submittal to FERC.



Power Market Price Shaping – Model development continues.

Continue to work with DWR on the required facility data submittal to CAISO and PG&E – the initial submission was rejected due to use of our  $P_{\max}$  value and not aligning with installed equipment / installed capacity.

#### **Operations & Maintenance:**

- Routine monthly preventative maintenance tasks completed.
- Unit 2 tripped on July 18 at 1659 hours and restarted at 1711 hours. Issue occurred just post operator cleaning the cooling water strainer due to a low flow cooling water alarm – root caused undetermined.
- The USACE has started work on the right bank slope just downstream of the dam. This work will include additional sloping of the hillside and the addition of a rock fall protection fence.
- Work on the facility drainage pumps continued – both pumps will be overhauled by an outside service and installed post repair.
- The potential and current transformer inputs were verified to each generator protection relay.
- Through support of HDR (engineer contractor), we are developing additional enhancements to add into the newly installed microprocessor relays

#### **Environmental, Health and Safety (EH&S):**

Facility safety record as of August 1, 2020 - 918 days without a lost-time incident.

Monthly safety meetings covered heat exhaustion, USACE north slope work and COVID19 related items.

Updated lockout tag out forms to address facility changes as part of the microprocessor relay upgrade.

Zurich Insurance (Boiler and Machine) completed their remote inspection of records and provided the District a DRAFT report – currently under review.

#### **Regulatory Compliance:**

The following items were completed:

- Energy Information Administration - Form 923M – July production report.

#### **NERC/WECC Compliance:**

All monthly inspections were completed, and the reports filed in the program – North American Electric Reliability Corporation (NERC) Generating Availability Data System (GADS) updated.

#### **Personnel:**

Recruiting for an operations position – offer was made and accepted. Expected start date is August 3, 2020.

#### **Forecast / Reports:**

The monthly Power Generation and Reservoir Forecast for the twelve-month period commencing August 1, 2020, attached.

<b>2020/21 Power Revenue Budget to Actual – Budget was based on \$7.6/MWhr – Escalation is \$7.7/MWhr</b>			
Month	Budgeted Revenue - Gross	Actual (AR) / Forecasted (FR) Revenue	Over / (Short)
July	\$557,680	\$689,227 - AR	\$131,547
August	\$404,040	\$282,230 - FR	
September	\$74,480	-	
October	-	-	
November	-	-	
December	-	-	
January	-	-	
February	-	-	
March	-	-	
April	-	\$173,030 - FR	
May	\$267,070	\$336,430 - FR	
June	\$715,730	\$701,960 - FR	
<b>Total:</b>	<b>\$2,019,000</b>	<b>\$2,182,877 = AR+FR</b>	<b>\$131,547</b>

## **FUTURE POWER / WATER STORAGE RELATED ITEMS**

### **Pine Flat – Unit 4:**

We completed the Request for Information concerning the turbine generator selection – we have distributed it to six potential manufacturers with a response due by September 4, 2020.

### **Water Storage Opportunity Projects:**

Stantec continues to update the models for climate change projections – a meeting is planned in early August to review this portion of the project.

## **ENVIRONMENTAL DIVISION**

### **Administrative Items:**

I have had conversations with CDFW concerning upcoming Supplemental Stocking by Calaveras Trout Farm, along with KRCD wanting to add approximately 4,400 supper catchables on top of this effort. CDFW is alignment and arrangements have been made with Calaveras contractually.

### **Fisheries Management Program (FMP):**

The Public Advisory Group (PAG) has cancelled all meetings until further notice due to COVID19 – monthly updates continue to be provided to them electronically from KRCD, KRW and CDFW.

### **Executive Committee Meeting (ExCom):**

No report

### **Technical Steering Committee (TSC):**

The committee continues to evaluate potential projects from the Cramer report and aligning potential grant opportunities with them.

### **Stocking:**

**Supplemental Stocking Plan:** Program will restart October 2020 with the following target:

- 50,000 catchable rainbow trout at 3/pound.
- 1,000 supper catchable at 1.5 to 2.5 pounds/fish

- 200,000 trout fry – only two rounds are planned this year due to potential water quality (temperature) challenges.

**KRCD Stocking:** In addition to the supplemental and CDFW budgeted allotment, approximately 4,500 super catchable at 1.5 to 2.5 pounds/fish

**CDFW Annual Budgeted Stocking:** Continues on a weekly basis – annual allotment is 19,000 catchables. The CDFW southern California hatcheries have experienced biological issues and required to euthanize all fish and decontaminate the facilities. So far the issue has not occurred in the Central / Northern facilities; however, could put strain on stocking requirements.

**Personnel:**

No updates

## **FLOOD DIVISION**

**Administrative:**

COVID19 preventative measures:

- Maintenance staff continues to work on an individual basis to allow for social distancing
- Continue to abide by Fresno County and State orders/recommendations
- Increased routine cleaning of common areas

System Wide Improvement Framework (SWIF) – review and update continue regarding USACE comments and questions. The USACE expects a revised SWIF from us by August 31, 2020.

**Operations and Maintenance Activities:**

- Job 203 is in planning process – this concerns the left bank levee in proximately to the City of Lemoore well field. This area has been subject to excessive seepage over the years and bank stability has been a concern. We will place a landside bench to add mass.
- Levee mowing – 10.25 miles
- Channel mowing – 50 acres
- Weed control (spraying) along levee – 10 miles
- Rodent control program – continuous over month
- Sediment removed from channel – none over the month due to irrigation flows

**Environmental, Health and Safety (EH&S):**

Safety record as of August 1, 2020 – 729 days without a lost time incident.

Monthly safety topics covered COVID19, Heat Stress, Stress Management and Drug Free Workplace.

**Personnel:**

An offer has been made to a potential candidate to fill one open position on the Flood Project. A solicitation for a Flood Maintenance Worker position is in the works and expected to be posted early July.

## **GRANT / RESOURCE ACTIVITIES**

**McMullin On-Farm Flood Water Project (Terranova):**

Work over the month:

- All major construction has been completed on the project – the entire team plans to meet onsite August 13 to go over any additional needs / punch list items.
- The grant extension request continues to go through DWR review – plan is to extend to November of next year.
- Project governance structure planning and development continues. I have met / forwarded the current DRAFT to KRCD legal for review and input.

**Levee Evaluation Grant:**

All significant activities are completed under this program and pulling together final documents.

**Statewide Flood Emergency Response Grant Program:**

Provost continues development of the plan based on model scenarios from GEI.

**Prop 68 – Invasive Plant Species:**

Staff submitted our application July 15.

**Weather Modification Services:**

Received the DRAFT annual wrap up report – under review.

DMM/dmr

R20-0039  
File: 202.03

## PINE FLAT POWER PLANT MONTHLY REPORT

Month: July  
Year: 2020

### RESERVOIR

Start Elevation 883.03  
End Elevation 807.06

Start Storage 640410 AF  
End Storage 338758 AF  
Thru Plant 363713 AF  
Spill 0 AF  
Mill Creek & Hughes 0 AF  
Turbine Bypass 0 AF

### POWER PLANT

Unit #	MW	HRS		
		In Service	Standby	OOS
1	29752.04	744.00	0.00	0.00
2	29382.47	743.80	0.00	0.20
3	31184.21	744.00	0.00	0.00
Total	90318.72	2231.80	0.00	0.20
			ULH	0.00

#### Station Service Use

P.G.E (kWhrs)	0
Station Transf.(kWhrs)	134800
Diesel Gen. Run (Hrs)	1

**MWh Generated                      89510**

#### Comments - Include Major Equipment Problems:

32 Work Authorizations issued. 918 Days worked without a lost time accident or injury.

7-18-2020 at 16:59 U/2 Generator/Turbine cooling water shutdown. The SER showed #153 U/2 Generator/Turbine cooling water shutdown. 7-18-2020 at 17:11 U/2 was restarted and synched.

File: 512.09.07

KRCD 512138

**KINGS RIVER CONSERVATION DISTRICT  
PINE FLAT POWER PLANT - RESERVOIR OPERATION FORECAST**

DATE OF FORECAST : 1-August-2020

RESERVOIR STORAGE : 338758 AF

BASIS OF DATA :

1. BASED ON 50% CNRFC PROBABILITY FOR AUGUST THROUGH DECEMBER, AND 100% OF KRWA AVERAGE THEREAFTER.
2. IRRIGATION DEMAND PROJECTIONS BY KRWA AS OF 7/31/2020.
3. PINE FLAT RESERVOIR INFLOW ADJUSTED FOR EFFECTS OF ANTICIPATED UPSTREAM RESERVOIR OPERATIONS.

		EOM STORAGE AF	EOM ELEV FT	INFLOW AF	OUTFLOW AF	GAIN OR (LOSS) AF	AVG INFLOW CFS	AVG OUTFLW CFS
AUG	2020	165,321	745	41,770	215,207	(173,437)	679	3,500
SEP	2020	162,096	743	35,452	38,678	(3,226)	596	650
OCT	2020	181,342	751	31,544	12,298	19,246	513	200
NOV	2020	198,017	758	25,600	8,926	16,674	430	150
DEC	2020	222,739	768	33,946	9,223	24,723	552	150
JAN	2021	289,044	791	75,528	9,223	66,305	1,228	150
FEB	2021	363,496	814	82,782	8,331	74,451	1,491	150
MAR	2021	443,606	836	110,854	30,744	80,110	1,803	500
APR	2021	545,552	861	191,202	89,256	101,946	3,213	1,500
MAY	2021	756,133	906	364,300	153,719	210,581	5,925	2,500
JUN	2021	819,442	919	360,830	297,521	63,309	6,064	5,000
JUL	2021	604,947	875	185,174	399,669	(214,495)	3,012	6,500
<b>12 MONTH TOTALS :</b>				<b>1,538,982</b>	<b>1,272,793</b>		<b>2,126</b>	<b>1,758</b>

EOM - End of Month

AF - Acre Feet

CFS - Cubic Feet per Second

NOTE: The above forecast is subject to possible drastic changes from month to month depending on weather and other factors.  
Accordingly it should not be considered reliable for planning purposes.

512.03.07



**KINGS RIVER CONSERVATION DISTRICT  
PINE FLAT POWER PLANT - POWER GENERATION FORECAST**

DATE OF FORECAST : **1-August-2020**

RESERVOIR STORAGE : **338,758 AF**

BASIS OF DATA :

1. BASED ON 50% CNRFC PROBABILITY FOR AUGUST THROUGH DECEMBER, AND 100% OF KRWA AVERAGE THEREAFTER.
2. IRRIGATION DEMAND PROJECTIONS BY KRWA AS OF 7/31/2020.
3. PINE FLAT RESERVOIR INFLOW ADJUSTED FOR EFFECTS OF ANTICIPATED UPSTREAM RESERVOIR OPERATIONS.
4. ENERGY PAYMENT RATE ASSUMED TO BE \$0.0077/kWhr (\$7.7/MWH)

		EOM STORAGE AF	EOM ELEV FT	AVG INFLOW CFS	AVG OUTFLOW CFS	AVG TURB Q CFS	AVG SPILL CFS	AVG GEN MW	MIN GEN MW	MAX GEN MW	GEN MWH	ENERGY PAYMENT \$1000
AUG	2020	165,321	745	679	3,500	3,500	0	49.27	36.93	58.10	36,653	282.23
SEP	2020	162,096	743	596	650	0	650	0.00	0.00	0.00	0	0.00
OCT	2020	181,342	751	513	200	0	200	0.00	0.00	0.00	0	0.00
NOV	2020	198,017	758	430	150	0	150	0.00	0.00	0.00	0	0.00
DEC	2020	222,739	768	552	150	0	150	0.00	0.00	0.00	0	0.00
JAN	2021	289,044	791	1,228	150	0	150	0.00	0.00	0.00	0	0.00
FEB	2021	363,496	814	1,491	150	0	150	0.00	0.00	0.00	0	0.00
MAR	2021	443,606	836	1,803	500	0	500	0.00	0.00	0.00	0	0.00
APR	2021	545,552	861	3,213	1,500	1,500	0	31.21	29.48	32.85	22,471	173.03
MAY	2021	756,133	906	5,925	2,500	2,500	0	58.73	55.13	62.13	43,692	336.43
JUN	2021	819,442	919	6,064	5,000	5,000	0	126.62	124.75	128.50	91,164	701.96
JUL	2021	604,947	875	3,012	6,500	6,253	247	151.75	136.80	166.40	112,899	869.32
<b>12 MONTH TOTALS :</b>				2126	1758	1575	183	<b>35.03</b>			306,880	<b>\$ 2,363</b> <b>77.8% of normal</b> <b>generation yr.</b>

512.03.07



4886 East Jensen Avenue  
Fresno, California 93725


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August 1, 2020

*Memorandum*

TO: Paul G. Peschel, P.E., General Manager

FROM: Brian Trevarrow, CFO 

SUBJECT: Monthly Status Report of Activities for the Month of July 2020

This is the monthly status report for the CFO for the month of July 2020, and includes input from the Finance, Human Resources and Admin Departments.

I attended the Kings Basin Water Authority July meeting and presented the FY2020-2021 Budget. The budget was approved.

I attended meetings of the McMullin Area Groundwater Sustainability Agency (MAGSA), the North Fork Kings Groundwater Sustainability Agency (NFKGSA), the NFKGSA Rural Community Advisory Committee and the South Fork Kings Groundwater Sustainability Agency during the month.

The year-end close for KRCD and the entities for which KRCD acts as fiscal agent is in process. The fiscal staff will be involved in audits of five agencies this year.

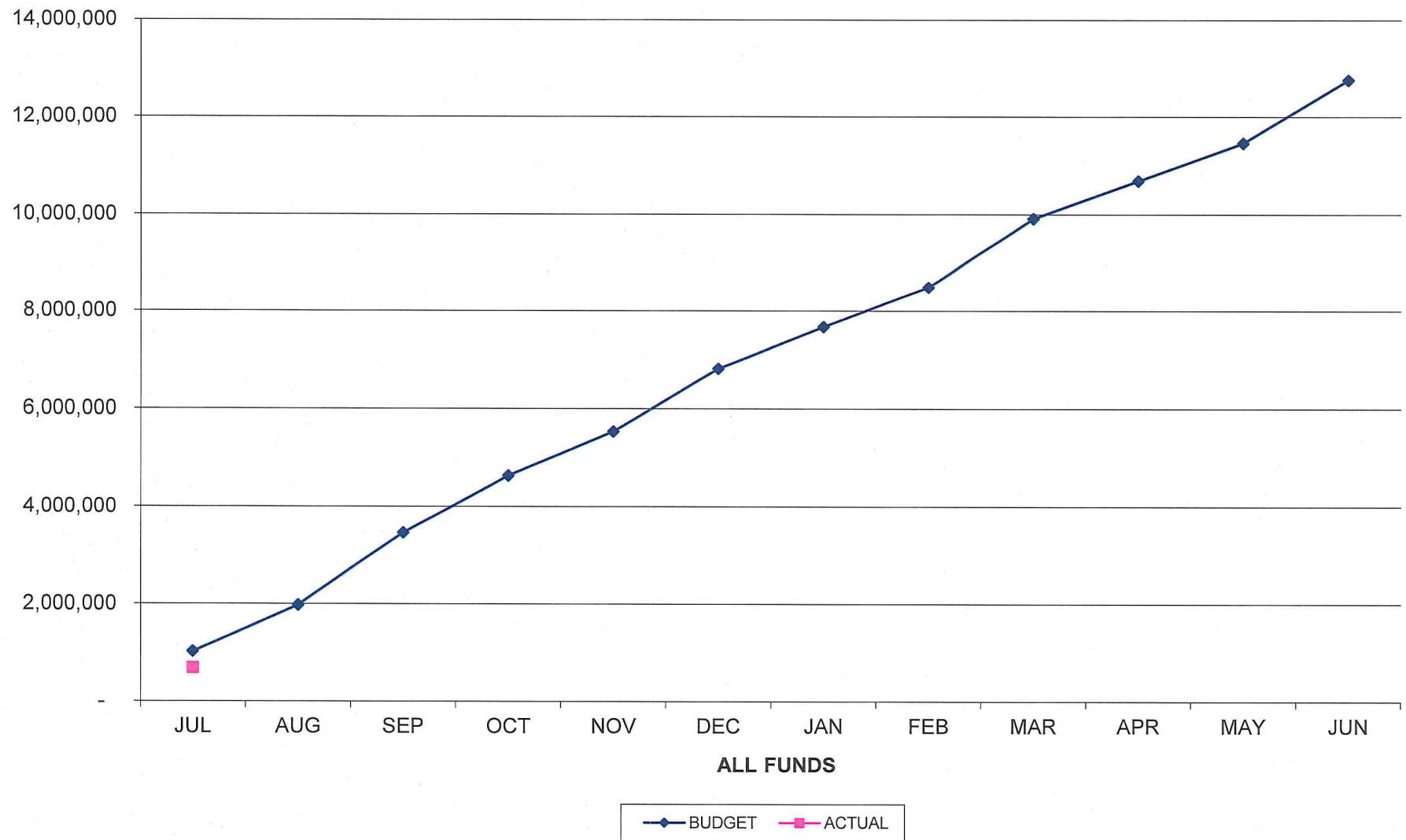
Stacy Wright, Manager of Human Resources, attended various meetings, webinars, and training sessions to keep her understanding of ever-changing HR issues and laws up to date. A focus of many of the sessions was the status and ongoing changes in the laws as they are affected by the COVID-19 pandemic. Throughout the month, Stacy coordinated multiple employment interviews for three vacant positions-Operator, Controller, and Flood Maintenance Worker. Ms. Wright processed the pre-employment requirements and prepared for the orientations for all three new hires happening in August.

BT/CM/dmr

R20-0038  
File: 202.03

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# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON

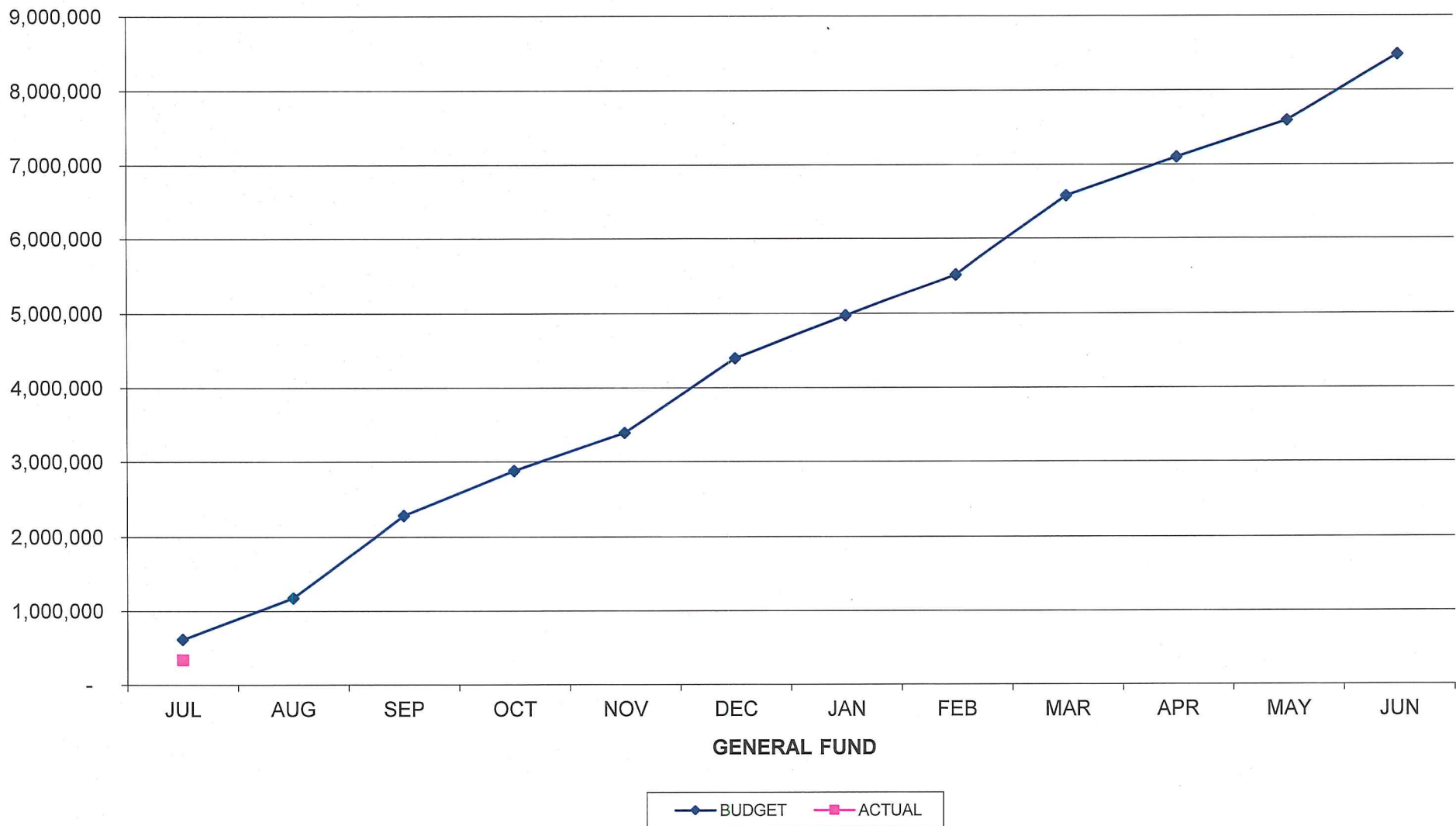


**KINGS RIVER CONSERVATION DISTRICT**  
**Summary Budget Comparison - ALL FUNDS (201.17.04)**

From 7/1/2020 Through 7/31/2020

Account Code	Account Title	Current Period Actual	Current Period Budget - Original	Total To Date Actual	2020-2021 Budget	Total Budget Variance YTD	Percent of Budget Used
51000	SALARIES & WAGES	301,708.17	326,166.00	301,708.17	4,317,268.00	4,015,559.83	6.98%
51011	DIRECTORS COMPENSATION	3,500.00	3,500.00	3,500.00	42,000.00	38,500.00	8.33%
51021	PENSION PLAN	21,052.09	23,685.00	21,052.09	307,903.00	286,850.91	6.83%
51022	PAYROLL TAXES	22,230.04	24,802.00	22,230.04	322,428.00	300,197.96	6.89%
51030	EMPLOYEE HEALTH INSURANCE	69,456.31	79,963.00	69,456.31	959,559.00	890,102.69	7.23%
51033	UNEMPLOYMENT INSURANCE	0.00	417.00	0.00	5,000.00	5,000.00	0.00%
52050	SAFETY SUPPLIES	605.51	2,458.00	605.51	31,479.00	30,873.49	1.92%
52060	COMMUNICATIONS	2,838.03	5,768.00	2,838.03	69,804.00	66,965.97	4.06%
52090	HOUSEHOLD EXPENSE	291.36	1,058.00	291.36	12,745.00	12,453.64	2.28%
52100	INSURANCE & BONDS	9,442.76	15,566.00	9,442.76	463,956.00	454,513.24	2.03%
52120	MAINTENANCE - EQUIPMENT	11,920.59	22,622.00	11,920.59	300,654.00	288,733.41	3.96%
52130	MAINTENANCE - STRUCTURES	1.87	43,634.00	1.87	748,075.00	748,073.13	0.00%
52140	FMP PROGRAM	0.00	8,071.00	0.00	111,848.00	111,848.00	0.00%
52150	MEMBERSHIPS	2,500.00	3,331.00	2,500.00	44,360.00	41,860.00	5.63%
52160	MISCELLANEOUS	85.50	962.00	85.50	99,002.00	98,916.50	0.08%
52170	OFFICE EXPENSE	6,192.29	26,326.00	6,192.29	181,520.00	175,327.71	3.41%
52181	LEGAL SERVICES	0.00	8,458.00	0.00	101,500.00	101,500.00	0.00%
52182	ACCOUNTING SERVICES	0.00	2,000.00	0.00	39,600.00	39,600.00	0.00%
52183	ENGINEERING SERVICES	0.00	61,142.00	0.00	433,700.00	433,700.00	0.00%
52184	WEATHER MODIFICATION	0.00	0.00	0.00	391,550.00	391,550.00	0.00%
52186	PROFESSIONAL & SPECIAL SERVICE	12,308.21	47,959.00	12,308.21	594,287.00	581,978.79	2.07%
52188	BANK SERVICE FEES	249.73	217.00	249.73	2,600.00	2,350.27	9.60%
52190	PUBLICATIONS & LEGAL NOTICES	0.00	283.00	0.00	3,400.00	3,400.00	0.00%
52200	RENTS & LEASES - EQUIPMENT	0.00	3,150.00	0.00	44,450.00	44,450.00	0.00%
52210	RENTS & LEASES - STRUCTURES	0.00	0.00	0.00	97,100.00	97,100.00	0.00%
52220	SMALL TOOLS & INSTRUMENTS	257.18	3,514.00	257.18	46,215.00	45,957.82	0.55%
52230	DISTRICT SPECIAL EXPENSE	0.00	7,485.00	0.00	107,670.00	107,670.00	0.00%
52250	TRANSPORTATION & TRAVEL	4,350.03	13,266.00	4,350.03	167,740.00	163,389.97	2.59%
52260	UTILITIES	1,338.29	2,799.00	1,338.29	253,190.00	251,851.71	0.52%
53280	PAYMENTS TO OTHER AGENCIES	7,000.00	0.00	7,000.00	1,496,900.00	1,489,900.00	0.46%
53300	FERC	201,520.00	169,258.00	201,520.00	743,856.00	542,336.00	27.09%
54000	CAPITAL OUTLAYS	(79.75)	105,000.00	(79.75)	204,000.00	204,079.75	(0.03)%
Report Difference		678,768.21	1,012,860.00	678,768.21	12,745,359.00	12,066,590.79	5.33%

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON





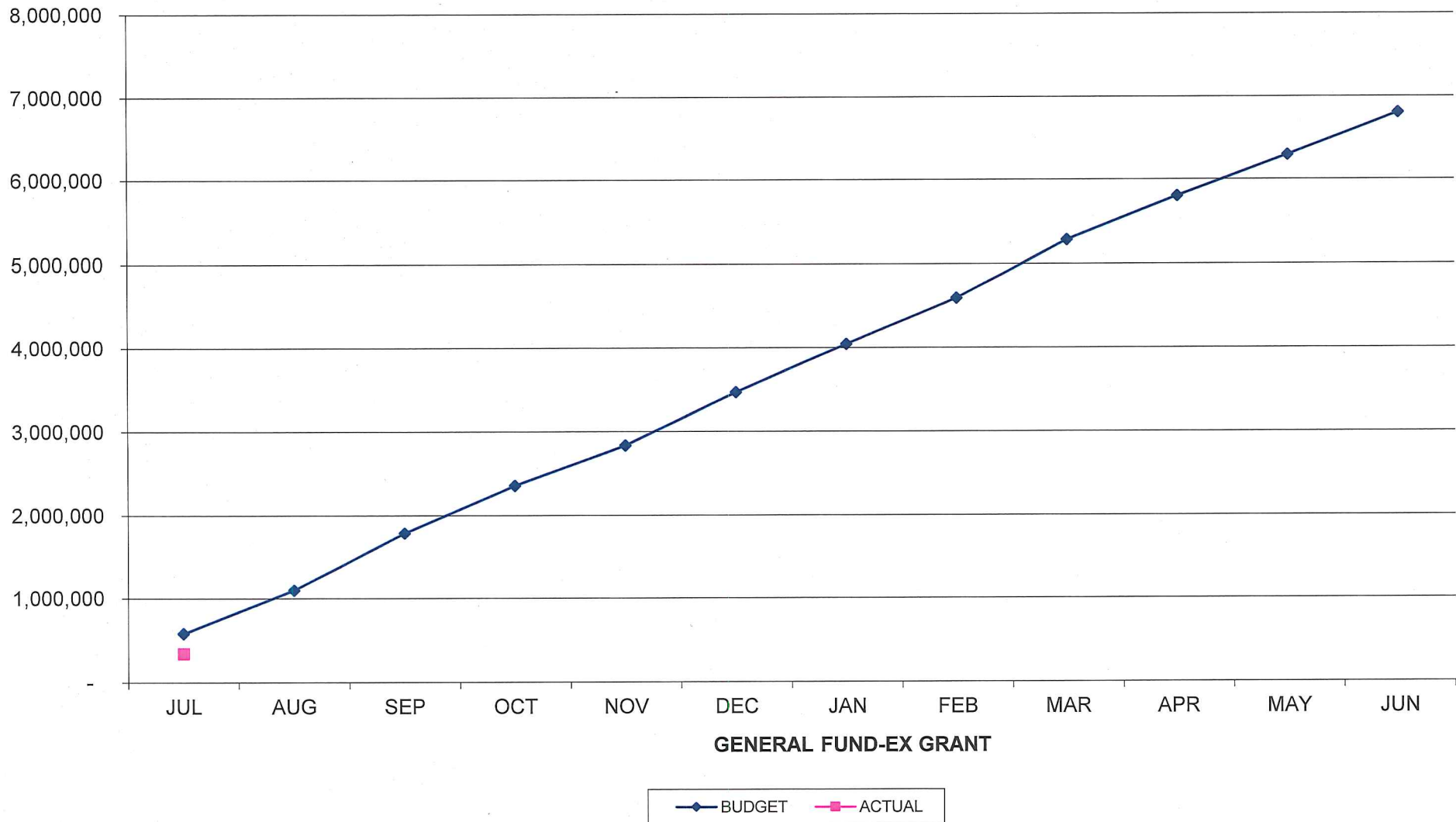
**KINGS RIVER CONSERVATION DISTRICT**  
**Summary Budget Comparison - GENERAL FUND (201.17.04)**

AGENDA ITEM 7a.

EXP  
From 7/1/2020 Through 7/31/2020

Account Code	Account Title	Current Period Actual	Current Period Budget - Original	Total To Date Actual	2020-2021 Budget	Total Budget Variance YTD	Percent of Budget Used
51000	SALARIES & WAGES	178,454.67	189,349.00	178,454.67	2,538,664.00	2,360,209.33	7.02%
51011	DIRECTORS COMPENSATION	3,500.00	3,500.00	3,500.00	42,000.00	38,500.00	8.33%
51021	PENSION PLAN	21,052.09	23,685.00	21,052.09	307,903.00	286,850.91	6.83%
51022	PAYROLL TAXES	22,230.04	24,802.00	22,230.04	322,428.00	300,197.96	6.89%
51030	EMPLOYEE HEALTH INSURANCE	69,456.31	79,963.00	69,456.31	959,559.00	890,102.69	7.23%
51033	UNEMPLOYMENT INSURANCE	0.00	417.00	0.00	5,000.00	5,000.00	0.00%
52050	SAFETY SUPPLIES	513.64	1,258.00	513.64	17,079.00	16,565.36	3.00%
52060	COMMUNICATIONS	1,037.59	2,228.00	1,037.59	27,324.00	26,286.41	3.79%
52090	HOUSEHOLD EXPENSE	0.00	258.00	0.00	3,145.00	3,145.00	0.00%
52100	INSURANCE & BONDS	9,442.76	12,066.00	9,442.76	218,456.00	209,013.24	4.32%
52120	MAINTENANCE - EQUIPMENT	3,538.20	8,532.00	3,538.20	105,275.00	101,736.80	3.36%
52130	MAINTENANCE - STRUCTURES	0.00	40,484.00	0.00	710,275.00	710,275.00	0.00%
52140	FMP PROGRAM	0.00	8,071.00	0.00	111,848.00	111,848.00	0.00%
52150	MEMBERSHIPS	2,500.00	3,331.00	2,500.00	41,410.00	38,910.00	6.03%
52160	MISCELLANEOUS	85.50	812.00	85.50	15,902.00	15,816.50	0.53%
52170	OFFICE EXPENSE	6,161.70	23,381.00	6,161.70	143,280.00	137,118.30	4.30%
52181	LEGAL SERVICES	0.00	4,458.00	0.00	53,500.00	53,500.00	0.00%
52182	ACCOUNTING SERVICES	0.00	2,000.00	0.00	19,000.00	19,000.00	0.00%
52183	ENGINEERING SERVICES	0.00	43,142.00	0.00	217,700.00	217,700.00	0.00%
52184	WEATHER MODIFICATION	0.00	0.00	0.00	352,395.00	352,395.00	0.00%
52186	PROFESSIONAL & SPECIAL SERVICE	9,792.21	17,479.00	9,792.21	211,245.00	201,452.79	4.63%
52188	BANK SERVICE FEES	249.73	217.00	249.73	2,600.00	2,350.27	9.60%
52190	PUBLICATIONS & LEGAL NOTICES	0.00	83.00	0.00	1,000.00	1,000.00	0.00%
52200	RENTS & LEASES - EQUIPMENT	0.00	3,000.00	0.00	38,400.00	38,400.00	0.00%
52210	RENTS & LEASES - STRUCTURES	0.00	0.00	0.00	95,100.00	95,100.00	0.00%
52220	SMALL TOOLS & INSTRUMENTS	70.02	2,164.00	70.02	25,015.00	24,944.98	0.27%
52230	DISTRICT SPECIAL EXPENSE	0.00	5,485.00	0.00	78,670.00	78,670.00	0.00%
52250	TRANSPORTATION & TRAVEL	3,814.80	11,171.00	3,814.80	139,800.00	135,985.20	2.72%
52260	UTILITIES	97.04	499.00	97.04	10,840.00	10,742.96	0.89%
53280	PAYMENTS TO OTHER AGENCIES	7,000.00	0.00	7,000.00	1,495,700.00	1,488,700.00	0.46%
54000	CAPITAL OUTLAYS	0.00	105,000.00	0.00	168,000.00	168,000.00	0.00%
	Total EXP	338,996.30	616,835.00	338,996.30	8,478,513.00	8,139,516.70	4.00%
Report Difference		338,996.30	616,835.00	338,996.30	8,478,513.00	8,139,516.70	4.00%

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON



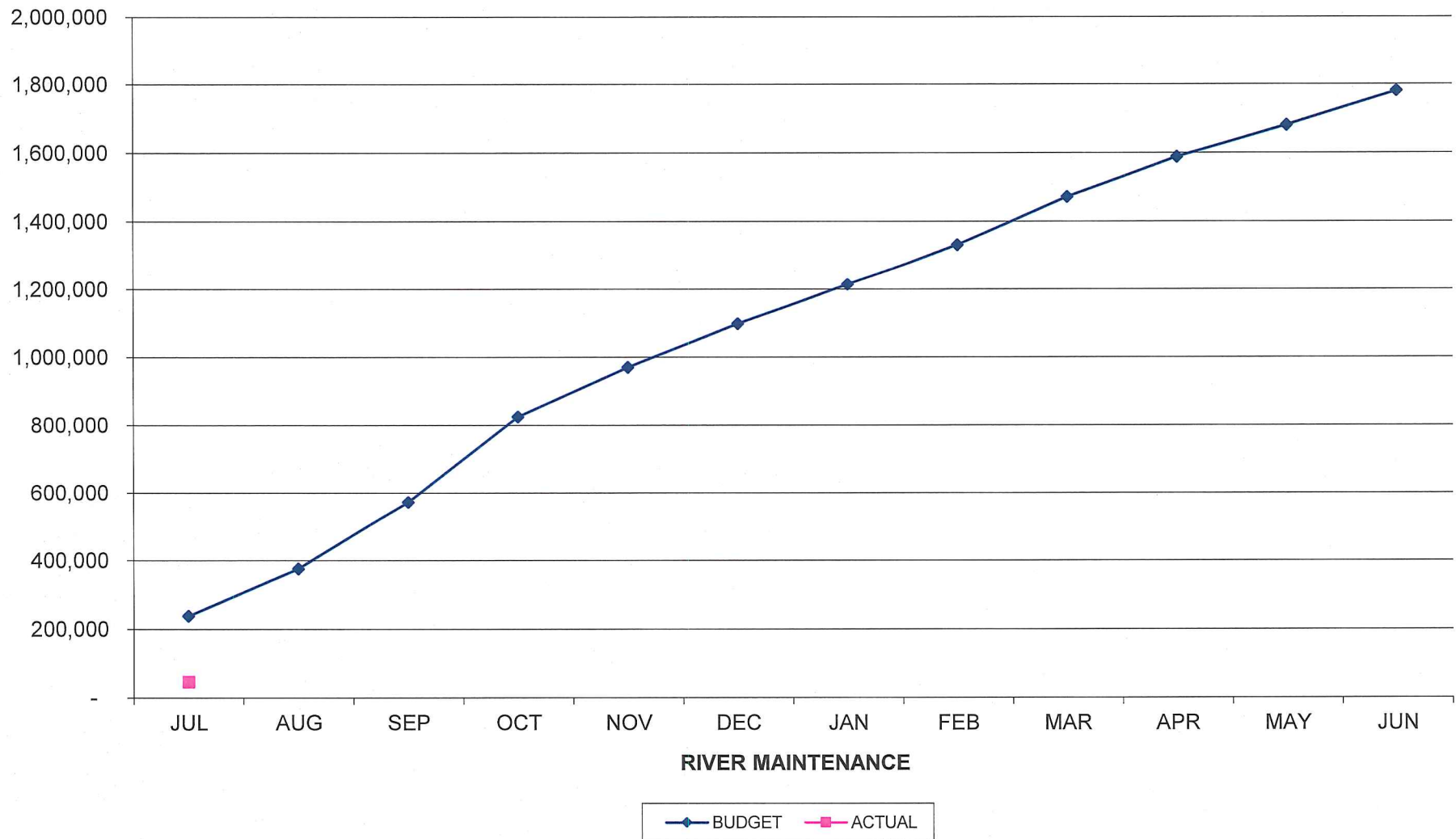
**KINGS RIVER CONSERVATION DISTRICT**  
**Summary Budget Comparison - GENERAL FUND (201.17.04) EX GRANTS**

AGENDA ITEM 7a.

EXP  
From 7/1/2020 Through 7/31/2020

Account Code	Account Title	Current Period Actual	Current Period Budget - Original	Total To Date Actual	2020-2021 Budget	Total Budget Variance YTD	Percent of Budget Used
51000	SALARIES & WAGES	177,280.95	187,997.00	177,280.95	2,521,082.00	2,343,801.05	7.03%
51011	DIRECTORS COMPENSATION	3,500.00	3,500.00	3,500.00	42,000.00	38,500.00	8.33%
51021	PENSION PLAN	21,052.09	23,685.00	21,052.09	307,903.00	286,850.91	6.83%
51022	PAYROLL TAXES	22,230.04	24,802.00	22,230.04	322,428.00	300,197.96	6.89%
51030	EMPLOYEE HEALTH INSURANCE	69,456.31	79,963.00	69,456.31	959,559.00	890,102.69	7.23%
51033	UNEMPLOYMENT INSURANCE	0.00	417.00	0.00	5,000.00	5,000.00	0.00%
52050	SAFETY SUPPLIES	513.64	1,258.00	513.64	17,079.00	16,565.36	3.00%
52060	COMMUNICATIONS	1,037.59	2,228.00	1,037.59	27,324.00	26,286.41	3.79%
52090	HOUSEHOLD EXPENSE	0.00	258.00	0.00	3,145.00	3,145.00	0.00%
52100	INSURANCE & BONDS	9,442.76	12,066.00	9,442.76	218,456.00	209,013.24	4.32%
52120	MAINTENANCE - EQUIPMENT	3,538.20	8,532.00	3,538.20	105,275.00	101,736.80	3.36%
52130	MAINTENANCE - STRUCTURES	0.00	40,484.00	0.00	710,275.00	710,275.00	0.00%
52140	FMP PROGRAM	0.00	8,071.00	0.00	111,848.00	111,848.00	0.00%
52150	MEMBERSHIPS	2,500.00	3,331.00	2,500.00	41,410.00	38,910.00	6.03%
52160	MISCELLANEOUS	85.50	812.00	85.50	15,902.00	15,816.50	0.53%
52170	OFFICE EXPENSE	6,155.38	23,381.00	6,155.38	143,280.00	137,124.62	4.29%
52181	LEGAL SERVICES	0.00	4,458.00	0.00	53,500.00	53,500.00	0.00%
52182	ACCOUNTING SERVICES	0.00	2,000.00	0.00	19,000.00	19,000.00	0.00%
52183	ENGINEERING SERVICES	0.00	3,142.00	0.00	37,700.00	37,700.00	0.00%
52184	WEATHER MODIFICATION	0.00	0.00	0.00	352,395.00	352,395.00	0.00%
52186	PROFESSIONAL & SPECIAL SERVICE	9,792.21	17,479.00	9,792.21	211,245.00	201,452.79	4.63%
52188	BANK SERVICE FEES	249.73	217.00	249.73	2,600.00	2,350.27	9.60%
52190	PUBLICATIONS & LEGAL NOTICES	0.00	83.00	0.00	1,000.00	1,000.00	0.00%
52200	RENTS & LEASES - EQUIPMENT	0.00	3,000.00	0.00	38,400.00	38,400.00	0.00%
52210	RENTS & LEASES - STRUCTURES	0.00	0.00	0.00	95,100.00	95,100.00	0.00%
52220	SMALL TOOLS & INSTRUMENTS	70.02	2,164.00	70.02	25,015.00	24,944.98	0.27%
52230	DISTRICT SPECIAL EXPENSE	0.00	5,485.00	0.00	78,670.00	78,670.00	0.00%
52250	TRANSPORTATION & TRAVEL	3,814.80	11,171.00	3,814.80	139,800.00	135,985.20	2.72%
52260	UTILITIES	97.04	499.00	97.04	10,840.00	10,742.96	0.89%
53280	PAYMENTS TO OTHER AGENCIES	7,000.00	0.00	7,000.00	19,700.00	12,700.00	35.53%
54000	CAPITAL OUTLAYS	0.00	105,000.00	0.00	168,000.00	168,000.00	0.00%
	Total EXP	337,816.26	575,483.00	337,816.26	6,804,931.00	6,467,114.74	4.96%
Report Difference		337,816.26	575,483.00	337,816.26	6,804,931.00	6,467,114.74	4.96%

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON

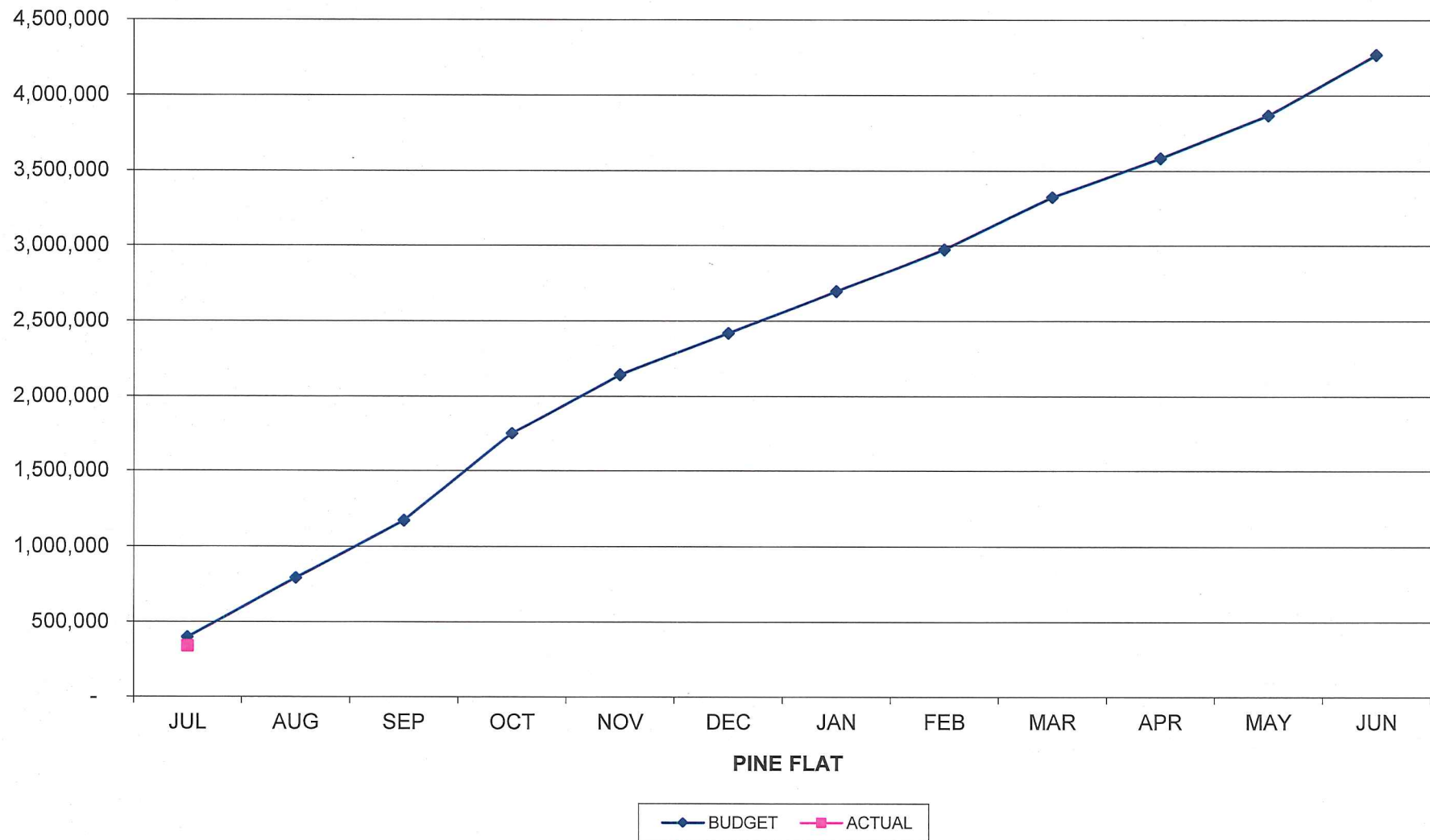


**KINGS RIVER CONSERVATION DISTRICT**  
**Summary Budget Comparison - RIVER MAINTENANCE FUND (201.17.04)**

EXP  
From 7/1/2020 Through 7/31/2020

Account Code	Account Title	Current Period Actual	Current Period Budget - Original	Total to Date Actual	2020-2021 Budget	Total Budget Variance YTD	Percent of Budget Used
51000	SALARIES & WAGES	39,933.11	38,863.00	39,933.11	505,216.00	465,282.89	7.90%
52050	SAFETY SUPPLIES	244.64	1,204.00	244.64	14,450.00	14,205.36	1.69%
52060	COMMUNICATIONS	157.30	225.00	157.30	2,700.00	2,542.70	5.82%
52090	HOUSEHOLD EXPENSE	0.00	237.00	0.00	2,895.00	2,895.00	0.00%
52100	INSURANCE & BONDS	0.00	0.00	0.00	15,700.00	15,700.00	0.00%
52120	MAINTENANCE - EQUIPMENT	1,079.74	5,921.00	1,079.74	70,950.00	69,870.26	1.52%
52130	MAINTENANCE - STRUCTURES	0.00	40,242.00	0.00	692,775.00	692,775.00	0.00%
52150	MEMBERSHIPS	0.00	0.00	0.00	900.00	900.00	0.00%
52160	MISCELLANEOUS	0.00	75.00	0.00	5,350.00	5,350.00	0.00%
52170	OFFICE EXPENSE	16.84	305.00	16.84	4,065.00	4,048.16	0.41%
52181	LEGAL SERVICES	0.00	500.00	0.00	6,000.00	6,000.00	0.00%
52183	ENGINEERING SERVICES	0.00	32,725.00	0.00	182,700.00	182,700.00	0.00%
52186	PROFESSIONAL & SPECIAL SERVICE	550.65	0.00	550.65	500.00	(50.65)	110.13%
52200	RENTS & LEASES - EQUIPMENT	0.00	3,000.00	0.00	36,000.00	36,000.00	0.00%
52220	SMALL TOOLS & INSTRUMENTS	0.00	1,000.00	0.00	10,500.00	10,500.00	0.00%
52230	DISTRICT SPECIAL EXPENSE	0.00	2,360.00	0.00	7,370.00	7,370.00	0.00%
52250	TRANSPORTATION & TRAVEL	3,546.25	5,800.00	3,546.25	71,600.00	68,053.75	4.95%
52260	UTILITIES	97.04	449.00	97.04	10,240.00	10,142.96	0.94%
54000	CAPITAL OUTLAYS	0.00	105,000.00	0.00	140,000.00	140,000.00	0.00%
Total EXP		45,625.57	237,906.00	45,625.57	1,779,911.00	1,734,285.43	2.56%
Report Difference		45,625.57	237,906.00	45,625.57	1,779,911.00	1,734,285.43	2.56%

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON





**KINGS RIVER CONSERVATION DISTRICT**  
**Summary Budget Comparison - PINE FLAT O & M (201.17.04)**

EXP  
From 7/1/2020 Through 7/31/2020

Account Code	Account Title	Current Period Actual	Current Period Budget - Original	Total To Date Actual	2020-2021 Budget	Total budget Variance YTD	Percent of Budget Used
51000	SALARIES & WAGES	123,253.50	136,817.00	123,253.50	1,778,604.00	1,655,350.50	6.92%
52050	SAFETY SUPPLIES	91.87	1,200.00	91.87	14,400.00	14,308.13	0.63%
52060	COMMUNICATIONS	1,800.44	3,540.00	1,800.44	42,480.00	40,679.56	4.23%
52090	HOUSEHOLD EXPENSE	291.36	800.00	291.36	9,600.00	9,308.64	3.03%
52100	INSURANCE & BONDS	0.00	3,500.00	0.00	245,500.00	245,500.00	0.00%
52120	MAINTENANCE - EQUIPMENT	8,382.39	14,090.00	8,382.39	195,379.00	186,996.61	4.29%
52130	MAINTENANCE - STRUCTURES	1.87	3,150.00	1.87	37,800.00	37,798.13	0.00%
52150	MEMBERSHIPS	0.00	0.00	0.00	2,950.00	2,950.00	0.00%
52160	MISCELLANEOUS	0.00	150.00	0.00	83,100.00	83,100.00	0.00%
52170	OFFICE EXPENSE	30.59	2,945.00	30.59	38,240.00	38,209.41	0.07%
52181	LEGAL SERVICES	0.00	4,000.00	0.00	48,000.00	48,000.00	0.00%
52182	ACCOUNTING SERVICES	0.00	0.00	0.00	20,600.00	20,600.00	0.00%
52183	ENGINEERING SERVICES	0.00	18,000.00	0.00	216,000.00	216,000.00	0.00%
52184	WEATHER MODIFICATION	0.00	0.00	0.00	39,155.00	39,155.00	0.00%
52186	PROFESSIONAL & SPECIAL SERVICE	2,516.00	30,480.00	2,516.00	383,042.00	380,526.00	0.65%
52190	PUBLICATIONS & LEGAL NOTICES	0.00	200.00	0.00	2,400.00	2,400.00	0.00%
52200	RENTS & LEASES - EQUIPMENT	0.00	150.00	0.00	6,050.00	6,050.00	0.00%
52210	RENTS & LEASES - STRUCTURES	0.00	0.00	0.00	2,000.00	2,000.00	0.00%
52220	SMALL TOOLS & INSTRUMENTS	187.16	1,350.00	187.16	21,200.00	21,012.84	0.88%
52230	DISTRICT SPECIAL EXPENSE	0.00	2,000.00	0.00	29,000.00	29,000.00	0.00%
52250	TRANSPORTATION & TRAVEL	535.23	2,095.00	535.23	27,940.00	27,404.77	1.91%
52260	UTILITIES	1,241.25	2,300.00	1,241.25	242,350.00	241,108.75	0.51%
53280	PAYMENTS TO OTHER AGENCIES	0.00	0.00	0.00	1,200.00	1,200.00	0.00%
53300	FERC	201,520.00	169,258.00	201,520.00	743,856.00	542,336.00	27.09%
54000	CAPITAL OUTLAYS	(79.75)	0.00	(79.75)	36,000.00	36,079.75	(0.22)%
	Total EXP	339,771.91	396,025.00	339,771.91	4,266,846.00	3,927,074.09	7.96%
Report Difference		339,771.91	396,025.00	339,771.91	4,266,846.00	3,927,074.09	7.96%

KINGS RIVER CONSERVATION DISTRICT  
**Monthly General Fund Investment Report**  
 July, 2020

General Fund Operating and Investment Funds of the Kings River Conservation District are disposed as follows:

	Balance at End of Month	% of Portfolio	Maximum % of Portfolio	Interest Received this Month	Interest Rate	Interest Accrued this Month	Interest Accrued But Not Yet Received	Market Value
<b>General Fund Bank Accounts:</b>								
Chase Bank, N.A. Operating Accounts	\$ 1,748,332.13	7.3%	No Max	\$ -	0.00%	\$ -	\$ -	\$ 1,748,332.13
Subtotal General Fund Bank Accounts	\$ 1,748,332.13			\$ -		\$ -	\$ -	\$ 1,748,332.13
<b>General Fund Investment Pools :</b>								
Local Agency Investment Fund (LAIF)	\$ 3,014,662.01	12.6%	No Max	\$ 10,940.45	0.93%	\$ 2,376.99	\$ 2,376.99	\$ 3,017,039.00
Fresno County Investment Pool	\$ 12,391,523.12	52.0%	No Max	\$ 3,884.34	1.99%	\$ 19,273.19	\$ 62,288.03	\$ 12,453,811.15
Fresno County Investment Pool - Stabilization Fund	\$ 5,432,011.35	22.8%	No Max	\$ 1,923.52	1.99%	\$ 9,163.86	\$ 33,936.06	\$ 5,465,947.41
CalTRUST Medium Term Fund	\$ 256,251.10	1.1%	No Max	\$ 248.29	1.20%			\$ 256,251.10
Subtotal General Fund Investment Pools:	\$ 21,094,447.58			\$ 16,996.60		\$ 30,814.04	\$ 98,601.08	\$ 21,193,048.66
<b>Total KRCD Operating Funds:</b>	<b>\$ 22,842,779.71</b>			<b>\$ 16,996.60</b>		<b>\$ 30,814.04</b>	<b>\$ 98,601.08</b>	<b>\$ 22,941,380.79</b>
<b>Warrants:</b>								
	\$ -	0.0%	No Max	\$ -	0.00%	\$ -	\$ -	\$ -
Subtotal Investments in Notes and Warrants:	\$ -			\$ -		\$ -	\$ -	\$ -
<b>General Fund Investment Accounts :</b>								
J.P. Morgan Securities								
Commercial Paper	\$ -	0.0%	25%	\$ -	0.00%	\$ -	\$ -	\$ -
Corporate Bonds	\$ 1,004,960.00	4.2%	30%	\$ 13,000.00	2.63%	\$ 3,849.31	\$ 7,437.50	\$ 1,012,397.50
								\$ -
Subtotal Investment Funds:	\$ 1,004,960.00			\$ 13,000.00		\$ 3,849.31	\$ 7,437.50	\$ 1,012,397.50
<b>Total General Fund Cash &amp; Investments</b>	<b>\$ 23,847,739.71</b>			<b>\$ 29,996.60</b>		<b>\$ 34,663.35</b>	<b>\$ 106,038.58</b>	<b>\$ 23,953,778.29</b>

Weighted Average Earnings (based on month-end balance)

1.72%

The Fresno County Investment Pool interest rate is based on the last published rate, 1.987% at June 30, 2020.

*Brian Trevanor*

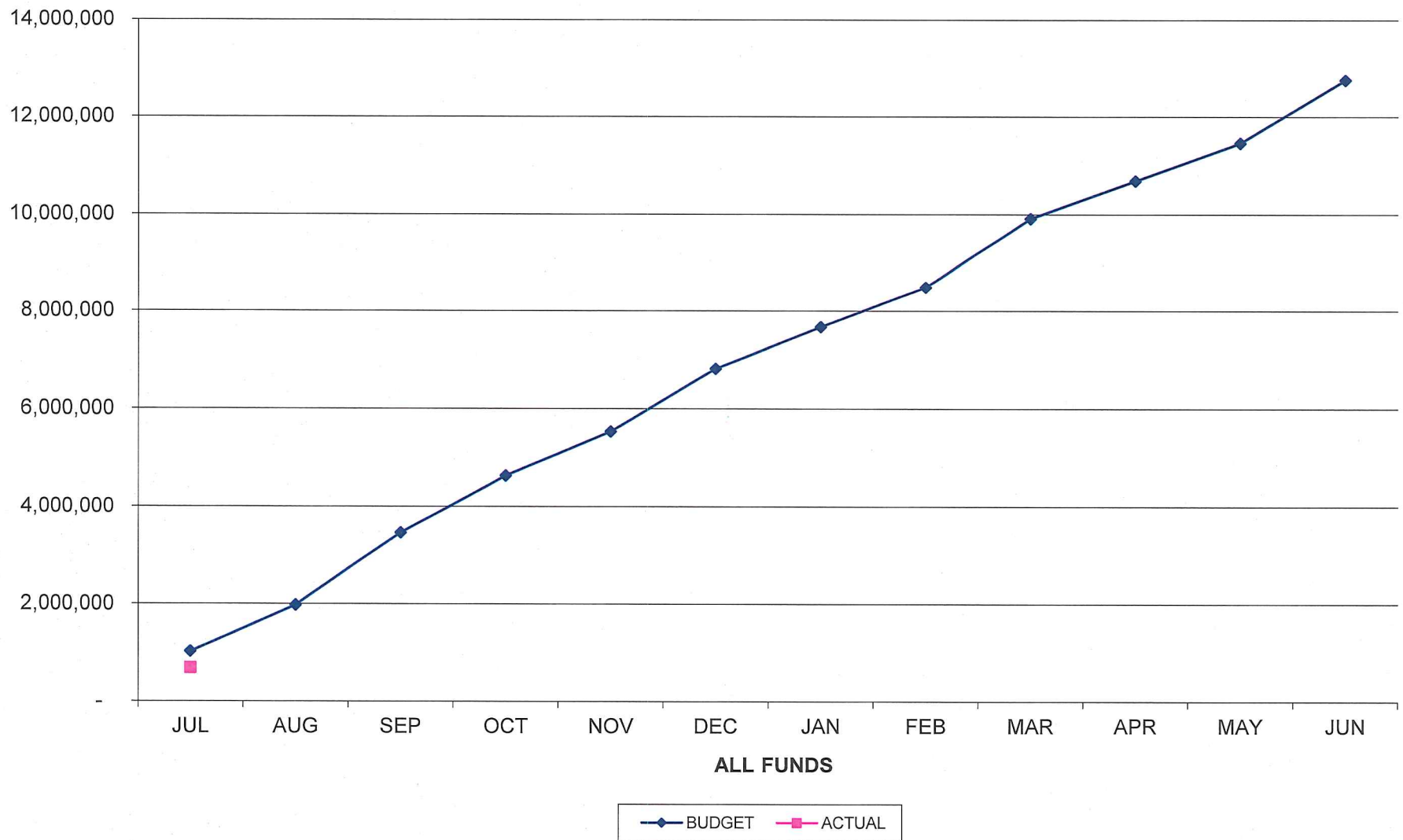
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File Code: 201.24

Kings River Conservation District  
 Detail of J.P. Morgan Securities Account  
 July, 2020 - June, 2021 as of July 31, 2020

CUSIP	Description	Par Value	Cost	Maturity Date	Coupon Rate	Purchased Interest	Accrued Interest	Interest Received this Period	Interest Received Fiscal YTD	Change in Value	Account Value With Accrued Interest	Est. Annual Income	Yield to Maturity	S&P Rating
	<b>Short-Term Commercial Paper</b>													
46640QYC9	J P MORGAN SECURITIES	-	-			-	-	-	-	-	-			
	Sub-total	-	-			-	-	-	-	-	-	-		
	<b>Medium-Term Notes</b>													
94974BGM6	WELLS FARGO & CO			7/22/2020	2.60%	-	-	13,000.00	13,000.00	-	-	26,000.00	3.160%	A-
06051GFT1	BANK AMERICA FUNDING CORP	1,000,000.00	999,870.00	10/19/2020	2.63%	-	7,437.50	-	-	5,090.00	1,012,397.50	26,250.00	2.630%	A-
	Sub-total	1,000,000.00	999,870.00			-	7,437.50	13,000.00	13,000.00	5,090.00	1,012,397.50	52,250.00	2.630%	
	Total	1,000,000.00	999,870.00			-	7,437.50	13,000.00	13,000.00	5,090.00	1,012,397.50	52,250.00	2.630%	

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON



Kings River Conservation District  
Detail of J.P. Morgan Securities Account  
July, 2020 - June, 2021 as of July 31, 2020

CUSIP	Description	Par Value	Cost	Maturity Date	Coupon Rate	Purchased Interest	Accrued Interest	Interest Received this Period	Interest Received Fiscal YTD	Change in Value	Account Value With Accrued Interest	Est. Annual Income	Yield to Maturity	S&P Rating
	<b>Short-Term Commercial Paper</b>													
46640QYC9	J P MORGAN SECURITIES	-	-			-	-	-	-	-	-			
	Sub-total	-	-			-	-	-	-	-	-	-		
	<b>Medium-Term Notes</b>													
949748GM6	WELLS FARGO & CO			7/22/2020	2.60%	-	-	13,000.00	13,000.00	-	-	26,000.00	3.160%	A-
06051GFT1	BANK AMERICA FUNDING CORP	1,000,000.00	999,870.00	10/19/2020	2.63%	-	7,437.50	-	-	5,090.00	1,012,397.50	26,250.00	2.630%	A-
	Sub-total	1,000,000.00	999,870.00			-	7,437.50	13,000.00	13,000.00	5,090.00	1,012,397.50	52,250.00	2.630%	
	Total	1,000,000.00	999,870.00			-	7,437.50	13,000.00	13,000.00	5,090.00	1,012,397.50	52,250.00	2.630%	

KINGS RIVER CONSERVATION DISTRICT  
PINE FLAT POWER PLANT - POWER GENERATION FORECAST  
FY2020 - 2021

		KRCD Power Gen Revenue Budget	KRCD Power Gen Revenue Actual/Estimated	Over / (Short)	
July	2020	\$ 278,840	\$ 344,613	\$ 65,773	actual
August	2020	202,020	141,100	(60,920)	estimate
September	2020	37,240	-	(37,240)	estimate
October	2020	-	-	-	estimate
November	2020	-	-	-	estimate
December	2020	-	-	-	estimate
January	2021	-	-	-	estimate
February	2021	-	-	-	estimate
March	2021	-	-	-	estimate
April	2021	-	86,500	86,500	estimate
May	2021	133,535	168,200	34,665	estimate
June	2021	357,865	350,980	(6,885)	estimate
Total		\$ 1,009,500	\$ 1,091,393	\$ 81,893	

August, 2020 through December, 2020 estimated based on August 1, 2020 Power Generation Forecast  
50% runoff, 100% thereafter.



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KINGS RIVER CONSERVATION DISTRICT  
Schedule of Disbursements and Current Accounts Payable  
Presented August 11, 2020  
(For Expenditures in the Month Ending July 31, 2020)

Employee Payroll	07/08/20	96,085.86	
Director's Payroll	07/14/20	2,741.48	
Employee Payroll	07/22/20	97,157.08	
			195,984.42
Accounts Payable (KRCD)		335,658.71	335,658.71
	Sub-Total		531,643.13
Ready-Tax Electronic Funds Transfers:			
Employee Tax Deposits	07/01/20		42,399.32
Employee Tax Deposits	07/03/20		84.67
Employee Tax Deposits	07/15/20		44,591.97
Director's Tax Deposits	07/17/20		1,137.25
Employee Tax Deposits	07/29/20		44,618.16
	TOTAL		<u>664,474.50</u>

KINGS RIVER CONSERVATION DISTRICT  
Check/Voucher Register - PAYROLL CHECK REGISTER  
From 7/8/2020 Through 7/8/2020

Check Number	Check Date Payee	Check Amount
V24035	7/8/2020 MANAGER, POWER PLANT O&M	3,177.02
V24036	7/8/2020 SR. ACCOUNTANT	2,140.66
V24037	7/8/2020 PROGRAM & REGULATORY ANALYST	2,388.88
V24038	7/8/2020 SENIOR MECHANIC	2,576.61
V24039	7/8/2020 MANAGER, FLOOD OPERATIONS & MAINTENANCE	2,655.04
V24040	7/8/2020 SR OPERATOR	3,549.31
V24041	7/8/2020 ELECTRICIAN	2,348.53
V24042	7/8/2020 MGR, WATER RESOURCES	2,237.53
V24044	7/8/2020 SENIOR ELECTRICIAN	2,218.06
V24045	7/8/2020 FLOOD MAINTENANCE WORKER I	1,183.97
V24046	7/8/2020 DIRECTOR OF WATER RESOURCES	2,564.16
V24047	7/8/2020 SUPERVISOR, FLOOD OPERATIONS & MAINTENANCE	1,922.82
V24048	7/8/2020 FLOOD MAINTENANCE WORKER II	1,529.31
V24049	7/8/2020 ELECTRO-MECH. TESTING TECH.	2,739.22
V24050	7/8/2020 ELECTRO-MECH. TESTING TECH.	2,608.84
V24051	7/8/2020 BUYER	1,941.96
V24052	7/8/2020 FLOOD MAINTENANCE WORKER I	1,040.58
V24053	7/8/2020 MANAGER OF ENVIROMENTAL PROGRAMS	2,071.00
V24054	7/8/2020 SENIOR MECHANIC	2,251.07
V24055	7/8/2020 ASSOCIATE RESOURCE ANALYST	1,980.48
V24056	7/8/2020 SENIOR OPERATOR	3,283.04
V24057	7/8/2020 FLOOD MAINTENANCE WORKER I	895.78
V24058	7/8/2020 SENIOR OPERATOR	3,656.06
V24059	7/8/2020 MAINTENANCE JOURNYWORKER	1,784.31
V24060	7/8/2020 EXECUTIVE ASSISTANT	1,997.75
V24061	7/8/2020 DEPUTY GENERAL MANAGER, COO	4,456.25
V24062	7/8/2020 SENIOR OPERATOR	3,359.47
V24063	7/8/2020 SR. ACCOUNTING ASSISTANT	1,385.50
V24064	7/8/2020 FLOOD MAINTENANCE WORKER I	1,155.29
V24065	7/8/2020 GENERAL MANAGER	4,025.29
V24066	7/8/2020 PUBLIC AFFAIRS ASSOCIATE	1,678.58
V24067	7/8/2020 SR. ADMINISTRATIVE ASSISTANT	1,275.81
V24068	7/8/2020 CUSTOMER SERVICE REPRESENTATIVE	1,211.91
V24069	7/8/2020 SR. ADMINISTRATIVE ASSISTANT	1,157.24
V24070	7/8/2020 RESOURCE ANALYST I	2,103.02
V24071	7/8/2020 STUDENT INTERN	388.13
V24072	7/8/2020 ASSOCIATE RESOURCE ANALYST	2,365.16
V24073	7/8/2020 DEPUTY GENERAL MANAGER, CFO	3,445.44
V24074	7/8/2020 MANAGER, COMMUNITY/PUBLIC RELATIONS	2,948.73
V24075	7/8/2020 RESOURCE ANALYST I	1,630.59
V24076	7/8/2020 RESOURCE ANALYST I	1,568.23
V24077	7/8/2020 MANAGER, HUMAN RESOURCES	1,987.10
V24079	7/8/2020 SENIOR OPERATOR	<u>3,202.13</u>
Report Total		<u>96,085.86</u>

**KINGS RIVER CONSERVATION DISTRICT**  
 Check/Voucher Register - PAYROLL CHECK REGISTER  
 From 7/14/2020 Through 7/14/2020

<u>Check Number</u>	<u>Check Date</u>	<u>Payee</u>	<u>Check Amount</u>
44165	7/14/2020	DAVID P. STANFIELD	489.35
V24080	7/14/2020	GREGORY H. BEBERIAN	461.75
V24082	7/14/2020	CEIL W. HOWE JR	461.75
V24083	7/14/2020	CHRIS M. KAPHEIM	356.83
V24084	7/14/2020	MARK C. MCKEAN	498.55
V24085	7/14/2020	MASARU YOSHIMOTO	<u>473.25</u>
Report Total			<u><u>2,741.48</u></u>

KINGS RIVER CONSERVATION DISTRICT  
Check/Voucher Register - PAYROLL CHECK REGISTER  
From 7/22/2020 Through 7/22/2020

Check Number	Check Date Payee	Check Amount
44166	7/22/2020 SENIOR OPERATOR	48.04
V24086	7/22/2020 MANAGER, POWER PLANT O&M	3,392.52
V24087	7/22/2020 SR. ACCOUNTANT	2,199.19
V24088	7/22/2020 PROGRAM & REGULATORY ANALYST	2,679.20
V24089	7/22/2020 SENIOR MECHANIC	2,545.67
V24090	7/22/2020 MANAGER, FLOOD OPERATIONS & MAINTENANCE	2,894.57
V24091	7/22/2020 SR OPERATOR	3,108.18
V24092	7/22/2020 ELECTRICIAN	2,419.18
V24093	7/22/2020 MGR, WATER RESOURCES	2,460.42
V24095	7/22/2020 SENIOR ELECTRICIAN	2,193.41
V24096	7/22/2020 FLOOD MAINTENANCE WORKER I	1,223.03
V24097	7/22/2020 DIRECTOR OF WATER RESOURCES	2,783.96
V24098	7/22/2020 SUPERVISOR, FLOOD OPERATIONS & MAINTENANCE	2,083.22
V24099	7/22/2020 FLOOD MAINTENANCE WORKER II	1,567.09
V24100	7/22/2020 ELECTRO-MECH. TESTING TECH.	2,818.97
V24101	7/22/2020 ELECTRO-MECH. TESTING TECH.	2,687.77
V24102	7/22/2020 BUYER	1,988.88
V24103	7/22/2020 FLOOD MAINTENANCE WORKER I	1,071.76
V24104	7/22/2020 MANAGER OF ENVIRONMENTAL PROGRAMS	2,136.28
V24105	7/22/2020 SENIOR MECHANIC	2,328.39
V24106	7/22/2020 ASSOCIATE RESOURCE ANALYST	1,966.07
V24107	7/22/2020 SENIOR OPERATOR	3,362.87
V24108	7/22/2020 FLOOD MAINTENANCE WORKER I	926.97
V24109	7/22/2020 SENIOR OPERATOR	2,735.67
V24110	7/22/2020 MAINTENANCE JOURNYSWORKER	1,827.54
V24111	7/22/2020 EXECUTIVE ASSISTANT	2,057.70
V24112	7/22/2020 DEPUTY GENERAL MANAGER, COO	4,575.94
V24113	7/22/2020 SENIOR OPERATOR	2,482.89
V24114	7/22/2020 SR. ACCOUNTING ASSISTANT	1,432.06
V24115	7/22/2020 FLOOD MAINTENANCE WORKER I	1,269.82
V24116	7/22/2020 GENERAL MANAGER	4,222.67
V24117	7/22/2020 PUBLIC AFFAIRS ASSOCIATE	1,718.79
V24118	7/22/2020 SR. ADMINISTRATIVE ASSISTANT	1,299.99
V24119	7/22/2020 CUSTOMER SERVICE REPRESENTATIVE	1,190.61
V24120	7/22/2020 SR. ADMINISTRATIVE ASSISTANT	1,200.53
V24121	7/22/2020 RESOURCE ANALYST I	2,140.34
V24122	7/22/2020 STUDENT INTERN	436.47
V24123	7/22/2020 ASSOCIATE RESOURCE ANALYST	2,587.43
V24124	7/22/2020 DEPUTY GENERAL MANAGER, CFO	3,657.79
V24125	7/22/2020 MANAGER, COMMUNITY/PUBLIC RELATIONS	3,184.44
V24126	7/22/2020 RESOURCE ANALYST I	1,739.25
V24127	7/22/2020 RESOURCE ANALYST I	1,605.25
V24128	7/22/2020 MANAGER, HUMAN RESOURCES	2,131.30
V24130	7/22/2020 SENIOR OPERATOR	<u>2,774.96</u>
Report Total		<u>97,157.08</u>

**KRCD**

**Check Register**

103292	7/2/2020	ADMINISTRATIVE SOLUTIONS	C/P ADMIN FEES JUN 2020	\$	132.00
103293	7/2/2020	AT & T	CONFERENCE CALLS	\$	192.31
103294	7/2/2020	AT&T	PHONE SERVICE	\$	1,209.60
103295	7/2/2020	AT&T	PHONE SERVICE	\$	86.85
103296	7/2/2020	AT&T	PHONE SERVICE	\$	43.84
103297	7/2/2020	BURLINGTON SAFETY LAB (PL)	GLOVE TESTING	\$	70.00
103298	7/2/2020	CALIFORNIA DEPARTMENT OF	SUPPLEMENTAL STOCKING	\$	31,600.00
103299	7/2/2020	CALIFORNIA FARM	2020 MEMBERSHIP DUES	\$	2,500.00
103300	7/2/2020	FRONTIER COMMUNICATIONS	SERVICE & L/D CALLS	\$	497.88
103301	7/2/2020	LEGAL SHIELD	PR DEDUCTIONS FOR JUN	\$	502.50
103302	7/2/2020	OFFICE DEPOT	OFFICE SUPPLIES	\$	408.03
103303	7/2/2020	PC SOLUTIONS	IT SERVICES	\$	6,756.46
103304	7/2/2020	PACIFIC GAS & ELECTRIC HTK	POWERHOUSE	\$	152.91
103305	7/2/2020	PACIFIC GAS & ELECTRIC RTL5-1	ZALDA SUMP #1	\$	75.52
103306	7/2/2020	PACIFIC GAS & ELECTRIC RTL2-2	ZALDA SUMP #2	\$	46.69
103307	7/2/2020	PACIFIC GAS & ELECTRIC WTL9-3	ZALDA SUMP #3	\$	40.90
103308	7/2/2020	PACIFIC GAS & ELECTRIC WTL0-4	ZALDA SUMP #4	\$	35.21
103309	7/2/2020	PACIFIC GAS & ELECTRIC WTL6-5	ZALDA SUMP #5	\$	98.49
103310	7/2/2020	PACIFIC GAS & ELECTRIC WTL0-6	ZALDA SUMP #6	\$	75.62
103311	7/2/2020	PACIFIC GAS & ELECTRIC WTL9-7	ZALDA SUMP #7	\$	76.38
103312	7/2/2020	PACIFIC GAS & ELECTRIC WTL8-8	SUMP #8	\$	26.36
103313	7/2/2020	PACIFIC GAS & ELECTRIC WTL9-9	SUMP #9	\$	75.49
103314	7/2/2020	PACIFIC GAS & ELECTRIC YTJ	O & M OFFICE/POWER PLANT	\$	1,084.43
103315	7/2/2020	PRUDENTIAL OVERALL SUPPLY	WORK UNIFORMS	\$	73.46
103316	7/2/2020	STATIONARY ENGINEERS LOCAL 39	PENSION CONTRIB-JUN 20	\$	1,210.94
103317	7/2/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	24.92
103318	7/2/2020	VERIZON WIRELESS	CELL PHONES	\$	955.32
103319	7/8/2020	STATIONARY ENGINEERS, LOCAL 39	UNION DUES	\$	490.11
103320	7/8/2020	UNITED WAY OF FRESNO COUNTY	CONTRIBUTIONS	\$	10.00
103321	7/10/2020	WILSON BOHANNAN CO	BRASS PAD LOCK W/KEYS	\$	142.52
103322	7/10/2020	CALIFORNIA BUSINESS MACHINE	ANNUAL SERVICE CONTRACT	\$	2,502.60
103323	7/10/2020	DST CONTROLS	PI SYSTEM SUPPORT PROJECT	\$	1,702.50
103324	7/10/2020	THE FERGUSON GROUP LLC	PROFESSIONAL SERVICES	\$	1,750.00
103325	7/10/2020	FRESNO OXYGEN	TANK RENTAL	\$	85.85
103326	7/10/2020	THE GUALCO GROUP, INC	PROFESSIONAL SERVICES	\$	5,091.68
103327	7/10/2020	INIGUEZ TIRE & WHEEL	SERVICE CALL/TIRE REPAIR	\$	5.00
103328	7/10/2020	INTEGRITY NETWORKS, LLC	WIRELESS INTERNET	\$	347.97
103329	7/10/2020	KLEIN, DENATALE, GOLDNER,	PROFESSIONAL SERVICES	\$	1,008.00
103330	7/10/2020	KINGS RIVER WATER ASSOCIATION	TROUT EGG REIMBURSEMENT	\$	4,492.93
103331	7/10/2020	McMILLEN, LLC	PROFESSIONAL SERVICES	\$	14,980.00
103332	7/10/2020	McCOY POWER CONSULTANTS, INC.	NERC-WECC CMRP	\$	4,000.00
103333	7/10/2020	ORKIN, 741 - FRESNO, CA	PEST CONTROL	\$	226.00
103334	7/10/2020	PACIFIC STORAGE COMPANY	MONTHLY STORAGE	\$	142.50
103335	7/10/2020	PACIFIC GAS & ELECTRIC DTL	RIVERDALE YARD	\$	173.24
103336	7/10/2020	PACIFIC GAS & ELECTRIC KTL	WEIR GATES	\$	29.08
103337	7/10/2020	PROFESSIONAL EXCHANGE	ANSWERING SERVICE	\$	45.00
103338	7/10/2020	PRUDENTIAL OVERALL SUPPLY	SHOP TOWELS/COVERALLS	\$	288.50
103339	7/10/2020	RENT-A-TOILET	SINGLE TRAILER TOILET RENTAL	\$	200.00
103340	7/10/2020	RIVERDALE FARM AND HOME CENTER	MISC. MATERIAL	\$	170.45
103341	7/10/2020	RIVERDALE PUBLIC UTILITY	RIVERDALE SHOP	\$	111.39
103342	7/10/2020	SPARKLETTS	BOTTLED WATER	\$	199.55
103343	7/10/2020	THE GAS COMPANY	GAS CHARGES	\$	22.25



**KRCD****Check Register****July 31, 2020**

103344	7/10/2020	STANTEC CONSULTING SERVICES	KRCD STORAGE APPRAISAL STUDY	\$	9,349.00
103345	7/10/2020	TELCO ENTERPRISES	IP TRUNKING COST	\$	223.40
103346	7/10/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	80.84
103347	7/17/2020	ACWA JOINT POWERS	HEALTH, DENTAL, VISION & EAP	\$	83,849.94
103348	7/17/2020	CN UTILITY CONSULTING, INC.	PROFESSIONAL SERVICES	\$	3,000.00
103349	7/17/2020	THE FERGUSON GROUP LLC	PROFESSIONAL SERVICES	\$	141.59
103350	7/17/2020	FRONTIER COMMUNICATIONS	T1 LINE	\$	645.69
103351	7/17/2020	GREAT AMERICA FINANCIAL SVCS	MAIL MACHINE LEASE	\$	134.96
103352	7/17/2020	HDR ENGINEERING, INC.	RELICENSING SUPPORT	\$	7,131.12
103353	7/17/2020	JORGENSEN COMPANY	MISC. MATERIAL	\$	264.54
103354	7/17/2020	MICROWEST SOFTWARE SYSTEMS INC	AMMS MAINTENANCE AGREEMENT	\$	2,200.00
103355	7/17/2020	MIRAMONTE SANITATION	GARBAGE DISPOSAL	\$	207.40
103356	7/17/2020	MORGAN & SLATES INC	MISC. MATERIAL	\$	335.26
103357	7/17/2020	PRICE, PAIGE & COMPANY	PROFESSIONAL SERVICES	\$	6,755.00
103358	7/17/2020	PROVOST & PRITCHARD	PROFESSIONAL SERVICES	\$	2,074.50
103359	7/17/2020	RIVERDALE AUTO PARTS	MISC. MATERIAL	\$	703.36
103360	7/17/2020	SPARKLETTS	BOTTLED WATER	\$	39.22
103361	7/17/2020	SONITROL	QUARTERLY MONITORING	\$	1,730.31
103362	7/17/2020	CALIFORNIA FIRE LIFE &	QUARTERLY MONITORING	\$	276.00
103363	7/17/2020	SUTTON HAGUE LAW CORP	PROFESSIONAL SERVICES	\$	747.00
103364	7/17/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	10.23
103365	7/17/2020	U.S BANK CORPORATE	MEETING EXPENSES	\$	4,200.71
103366	7/17/2020	VALERO FLEET	VEHICLE FUEL	\$	372.79
103367	7/22/2020	STATIONARY ENGINEERS, LOCAL 39	UNION DUES	\$	490.15
103368	7/22/2020	UNITED WAY OF FRESNO COUNTY	CONTRIBUTIONS	\$	10.00
103369	7/24/2020	AFLAC	07/08/20-07/22/20	\$	2,961.96
103370	7/24/2020	AT&T	PHONE SERVICE	\$	1,126.44
103371	7/24/2020	AT&T	LONG DISTANCE CALLS	\$	340.80
103372	7/24/2020	AT & T	CONFERENCE CALLS	\$	54.91
103373	7/24/2020	AT&T	PHONE SERVICE	\$	590.50
103374	7/24/2020	AT&T	PHONE SERVICE	\$	83.83
103375	7/24/2020	AT&T	PHONE SERVICE	\$	43.88
103376	7/24/2020	AT&T	T1 LINE	\$	82.35
103377	7/24/2020	BURLINGTON SAFETY LAB (PL)	GLOVE TESTING	\$	91.87
103378	7/24/2020	CALIFORNIA BUSINESS MACHINE	COLOR COPY COVERAGE	\$	356.57
103379	7/24/2020	COFFEE BREAK SERVICE INC	COFFEE	\$	85.50
103380	7/24/2020	DELL MARKETING L.P.	DELL LATITUDE 9510	\$	5,307.74
103381	7/24/2020	eLOGGER	MAINTENANCE AGREEMENT	\$	3,324.82
103382	7/24/2020	FRESNO EQUIPMENT COMPANY	MISC. MATERIAL	\$	259.22
103383	7/24/2020	GRAINGER	MISC. MATERIAL	\$	115.35
103384	7/24/2020	HDR ENGINEERING, INC.	RELAY UPGRADE	\$	5,906.76
103385	7/24/2020	THE HOME DEPOT PRO	MISC. MATERIAL	\$	469.39
103386	7/24/2020	LEASE CORPORATION OF AMERICA	COPIER LEASE	\$	523.50
103387	7/24/2020	OFFICE DEPOT	OFFICE SUPPLIES	\$	203.90
103388	7/24/2020	PRUDENTIAL OVERALL SUPPLY	WORK UNIFORMS	\$	73.46
103389	7/24/2020	QUINN COMPANY	MISC. MATERIAL	\$	182.39
103390	7/24/2020	RAY MORGAN COMPANY	MAINTENANCE AGREEMENT	\$	223.39
103391	7/24/2020	TOTAL CONCEPT ENTERPRISES, INC	SNEEZE SHIELD	\$	269.00
103392	7/31/2020	ACWA JOINT POWERS INSURANCE	WORKERS COMP 04/01/20-06/30/20	\$	32,271.64
103393	7/31/2020	AT & T	INTERNET SERVICE	\$	118.50
103394	7/31/2020	CALIFORNIA SURVEYING	ANNUAL VRS SUBSCRIPTION	\$	1,800.00
103395	7/31/2020	THE FERGUSON GROUP LLC	PROFESSIONAL SERVICES	\$	1,470.97

KRCDCheck RegisterJuly 31, 2020

103396	7/31/2020	FRESNO EQUIPMENT COMPANY	MISC. MATERIAL	\$	196.08
103397	7/31/2020	FRONTIER COMMUNICATIONS	SERVICE & L/D CALLS	\$	500.14
103398	7/31/2020	GRAINGER	MISC. MATERIAL	\$	157.64
103399	7/31/2020	HDR ENGINEERING, INC.	RELICENSING SUPPORT	\$	697.51
103400	7/31/2020	INIGUEZ TIRE & WHEEL	SERVICE CALL/TIRE REPAIR	\$	260.98
103401	7/31/2020	PACIFIC GAS & ELECTRIC HTK	POWERHOUSE	\$	138.57
103402	7/31/2020	PACIFIC GAS & ELECTRIC RTL5-1	ZALDA SUMP #1	\$	76.05
103403	7/31/2020	PACIFIC GAS & ELECTRIC RTL2-2	ZALDA SUMP #2	\$	23.66
103404	7/31/2020	PACIFIC GAS & ELECTRIC WTL9-3	ZALDA SUMP #3	\$	24.23
103405	7/31/2020	PACIFIC GAS & ELECTRIC WTL0-4	ZALDA SUMP #4	\$	22.13
103406	7/31/2020	PACIFIC GAS & ELECTRIC WTL6-5	ZALDA SUMP #5	\$	22.13
103407	7/31/2020	PACIFIC GAS & ELECTRIC WTL0-6	ZALDA SUMP #6	\$	93.97
103408	7/31/2020	PACIFIC GAS & ELECTRIC WTL9-7	ZALDA SUMP #7	\$	75.79
103409	7/31/2020	PACIFIC GAS & ELECTRIC WTL8-8	SUMP #8	\$	22.13
103410	7/31/2020	PACIFIC GAS & ELECTRIC WTL9-9	SUMP #9	\$	74.91
103411	7/31/2020	PACIFIC GAS & ELECTRIC YTJ	O & M OFFICE & POWER PLANT	\$	1,102.68
103412	7/31/2020	PRUDENTIAL OVERALL SUPPLY	WORK UNIFORMS	\$	171.18
103413	7/31/2020	QUINN COMPANY	MISC. MATERIAL	\$	62.57
103414	7/31/2020	TRIMARK ASSOCIATES, INC.	ANNUAL SERVICE AGREEMENT	\$	2,240.00
103415	7/31/2020	KINGS BASIN WATER AUTHORITY	2021 MEMBERSHIP DUES	\$	7,000.00
103416	7/31/2020	VERIZON WIRELESS	CELL PHONES	\$	897.34
103417	7/31/2020	VINCENT COMMUNICATIONS, INC	HAND HELD RADIO	\$	323.93
ACH070820	7/8/2020	VOYA RETIREMENT INSURANCE &	EE CONTRIBUTIONS	\$	3,737.26
ACHA070820	7/8/2020	ADMINISTRATIVE SOLUTIONS	EE CONTRIBUTIONS	\$	1,380.27
ACHH070820	7/8/2020	HEALTH EQUITY EMPLOYER SERVICE	HSA CONTRIB/DEDUCTIONS	\$	375.00
ACHI070820	7/8/2020	ICMA RETIREMENT TRUST - 457	457 CONTRIBUTIONS	\$	18,066.81
ACH072220	7/22/2020	VOYA RETIREMENT INSURANCE &	EE CONTRIBUTIONS	\$	3,832.12
ACHA072220	7/22/2020	ADMINISTRATIVE SOLUTIONS	EE CONTRIBUTIONS	\$	1,380.27
ACHH072220	7/22/2020	HEALTH EQUITY EMPLOYER SERVICE	ADMIN FEE	\$	380.90
ACHI072220	7/22/2020	ICMA RETIREMENT TRUST - 457	457 CONTRIBUTIONS	\$	18,653.10
WT-409	7/17/2020	CHEVRON AND TEXACO	VEHICLE FUEL	\$	542.23
WT-410	7/17/2020	SHELL OIL COMPANY	VEHICLE FUEL	\$	3,546.25

**Total** **\$ 335,658.71**

REQUISITION TO BANK OF NEW YORK FOR  
PINE FLAT POWER PLANT  
OPERATIONS AND MAINTENANCE FUND

<u>REQUISITION NO.</u>	<u>O &amp; M MONTH</u>		
471	6/10/2020	KINGS RIVER CONSERVATION DISTRICT	332,658.63