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Fresno, California 93725

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@kingsrivercd

January 6, 2021

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, January 12, 2021, 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

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

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## Agenda

### KINGS RIVER CONSERVATION DISTRICT Board of Directors Meeting

Date: January 12, 2021 – Tuesday

Time: 1:30 P.M.

Location: Web or Teleconference via **ZOOM**

**ZOOM Link:** <https://us02web.zoom.us/j/81661118493?pwd=TDV0dXNlU1h0N2NFQ1k4d3N1WXhoQT09>

**ZOOM Call-In:** +1 669 900 6833 ; Meeting ID: 816 6111 8493 ; Password: 787189

**ZOOM One-Tap Mobile:** +16699006833,,81661118493#,,,,\*787189#

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.
3. Approval of Minutes of the December 8, 2020 Regular Board Meeting

### REPORTS

4. Water Conditions (KRWA 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. Weather Modification (Contractor Staff)  
The representative/s from North American Weather Consultants will give a presentation and a report on the Kings River Precipitation Program.
6. Directors' Reports  
Each member of the Board will have the opportunity to report on meetings and conferences attended during the prior month either of interest to the District or on behalf of the District. No action will be taken.
7. 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

### 8. Financial Report

#### a. Budget Expenditures (Brian Trevarrow)

The Auditor will present expenditure to budget comparison reports for the period ending December 31, 2020. In addition, the monthly investment report for November 2020 will be presented.

#### b. Review of Monthly Disbursements (Mark McKean)

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.

### 9. Audit Report (Brian Trevarrow)

The Board will approve the Audit Report for the Fiscal-Year ending June 30, 2020 from representatives of Price, Paige & Co. presented at the December 8, 2020 meeting.

### 10. Appointment of Committee Members (Paul Stanfield)

The Board will be asked to either ratify the current Committee memberships or nominate and appoint new members to any or all Committees.

### 11. Approval of Resolution 21-01: Authorization to Execute Contract and Assignment Agreement (David Merritt)

The Board will be asked to authorize the execution of a contract for electrical service with the Western Area Power Administration and an assignment agreement with the James Irrigation District.

### 12. Research and Deployment Partnership with the National Science Foundation (NSF) Nanosystems Engineering Research Center for Nanotechnology Enabled Water Treatment Systems (NEWTEWS) (Charlotte Gallock)

The Board will be asked to consider approving the District's participation in the partnership.

### 13. CLOSED SESSION 2:30 p.m.

Government Code Section 54956.9(d)(2) To confer with its Legal Counsel regarding exposure to four matters of potential litigation.

### 14. RECONVENE FROM CLOSED SESSION/REPORT CLOSED SESSION ACTIONS

Any action taken in Closed Session will be reported appropriately.

### 15. Next Meeting Date and Agenda Items (Paul Peschel)

The date of the next meeting will be announced, and Directors may request that items be added to the next meeting's agenda.

## 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:** December 8, 2020 – Tuesday  
**Time:** 1:30 p.m.  
**Location:** 4886 E. Jensen Avenue, Fresno

President Stanfield called the meeting to order at 1:31 p.m.

**DIRECTORS PRESENT**

Paul Stanfield, President  
 Gregory Beberian, Vice President (via Zoom)  
 David Cehrs, Ph.D.  
 Chris Kapheim (via Zoom)  
 Mark C. McKean  
 Mike Yoshimoto

**DIRECTORS ABSENT****OTHERS PRESENT**

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

Consultants & Others  
 Matthew Meadows (KRWA, via Zoom)  
 Todd Flanagan (NAWC, via Zoom)  
 Osvaldo Gutierrez (Price Paige & Co., via Zoom)  
 Ceil W. Howe Jr. (via Zoom)

**ROUTINE OPENING BUSINESS**

1. Additions to or Deletions from the Agenda  
 Items 13 and 14 – Closed Session and Reconvene to Open Session/Report Closed Session Actions – were both deleted.
2. Public Presentations or Comments  
 None.
3. Approval of Minutes of the November 10, 2020 Regular Board Meeting  
 It was moved by Director Yoshimoto, seconded by Director McKean, and unanimously carried by roll call vote, that the minutes of the November 10, 2020 Regular Board Meeting be approved. After the approval, Todd Flanagan noted that, for future minutes, Mr. Camman's name is Garrett, not Kyle as it was in the approved minutes.  
 Roll Call Vote:  
 Director Stanfield: Aye  
 Director Beberian: Aye  
 Director Cehrs: Aye  
 Director Kapheim: Aye  
 Director McKean: Aye  
 Director Yoshimoto: Aye<sub>1</sub>

## REPORTS

### 4. Water Conditions

The Kings River Water Association Assistant Water Master, Matthew Meadows, 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. Weather Modification

Todd Flanagan, from North American Weather Consultants, presented a report to the Board on planned weather modification activities and the expected forecast.

### 6. Audit Report

Osvaldo Gutierrez of Price, Paige & Co. presented a report on the audit performed on KRCD for the Fiscal Year July 1, 2019 through June 30, 2020. Mr. Gutierrez and staff addressed questions from the Board. As this was under Reports on the agenda and not under Action Items, no action was taken.

### 7. Directors' Reports

Director Kapheim reported on his participation in the ACWA-JPIA Board Meeting, as well as the ACWA Virtual Conference.

### 8. 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. COVID-19 updates.
  - ii. Participation in the ACWA Virtual Conference.
  - iii. Local, State, and Federal legislative, budgetary, and regulatory activities of note.
  - iv. Upcoming events and meetings of note.
  - v. Addressed questions from Board Members on several items.
- b. Cristel Tufenkjian, Director of External Affairs, reported the following:
  - i. Completed and Upcoming outreach events for the District and supported agencies.
  - ii. Shared a video prepared on behalf of KRWA by External Affairs staff member Rebecca Quist regarding the way snow pack is measured and related items.
- c. Charlotte Gallock, Director of Water Resources, reported the following:
  - i. SGMA activities in both the Kings and Tulare Lake Subbasins.
  - ii. Status of grant applications.
  - iii. Developments with CV-SALTS and the Management Zones.
  - iv. Various Kings River Water Quality Coalition membership activities, including drinking water fill stations, and submittal processes.
  - v. Environmental and Fishery Management activities.
- d. David Merritt, Deputy General Manager, reported the following:
  - i. Summary of performance and maintenance activities at Pine Flat power plant; the FERC License Amendment progress; plans for development of Unit 4 at Pine Flat.
  - ii. Flood Project maintenance activities.
  - iii. Plan for super catchable fish being added to the fishery.
- e. Brian Trevarrow, CFO, had nothing to add to his written report.

## ACTION ITEMS

### 9. Financial Report

#### a. Budget Expenditures (Brian Trevarrow)

The Auditor presented expenditure to budget comparison reports for the period ending November 30, 2020. In addition, the monthly investment report for November 2020 was presented, and Board member questions were answered. Discussion of the District's Other Post-Employment Benefits (OPEB) obligation was referred to the Budget and Audit Committee for review.

#### b. Review of Monthly Disbursements (Greg Beberian)

It was moved by Director Beberian, seconded by Director Yoshimoto, and unanimously carried by roll call vote, that bills in the amount of \$1,237,700.35, 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  
 Director Kapheim: Aye  
 Director McKean: Aye  
 Director Yoshimoto: Aye

### 10. Ratification of Agreement with Kings River East Groundwater Sustainability Agency (Cristel Tufenkjian)

It was moved by Director McKean, seconded by Director Cehrs, and unanimously carried by roll call vote, to ratify the agreement between KRCD and the Kings River East Groundwater Sustainability Agency, with two typo corrections noted for correction by staff.

Roll Call Vote:

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

### 11. Appointment of Board President and Vice President (D. Paul Stanfield)

It was moved by Director Cehrs to nominate, seconded by Director Yoshimoto, and unanimously carried by roll call vote to elect Director D. Paul Stanfield to serve as President of the KRCD Board for a term of two years.

Roll Call Vote:

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

It was moved by Director Cehrs to nominate, seconded by Director Yoshimoto, and unanimously carried by roll call vote to elect Director Gregory Beberian to serve as Vice President of the KRCD Board for a term of two years.

Roll Call Vote:

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

12. Appointment of General Manager and Other Officers (D. Paul Stanfield)

It was moved by Director Yoshimoto, seconded by Director Cehrs, and unanimously carried by roll call vote to reaffirm the appointments of KRCD's General Manager and other District Officers as follows:

General Manager ..... Paul G. Peschel, P.E.  
Board Secretary ..... Paul G. Peschel, P.E.  
Board Assistant Secretary ..... Corey A. McLaughlin  
Board Auditor ..... Brian Trevarrow

Roll Call Vote:

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

13. Next Meeting Date and Agenda Items (Paul Peschel)

Next regular meeting is 1:30 p.m. on January 12, 2021, with a special meeting for purposes of Brown Act training to be held from 10:30 a.m. to Noon on January 12, 2021.

ADJOURNMENT

There being no further business, President Stanfield adjourned the meeting at 3:30 p.m.

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Paul G. Peschel  
Board Secretary

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

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

**KINGS RIVER WATER ASSOCIATION**

4888 EAST JENSEN AVE.

FRESNO, CALIFORNIA

**PRELIMINARY WATER CONDITIONS**

<b>Storage</b>		<i>Sunday, January 10, 2021</i>	<i>Midnight</i>	
Pine Flat	24 Hr. Storage Change	158	217,005	A.F.
Upstream	24 Hr. Storage Change	-36	88,345	A.F.
Subtotal			305,350	A.F.
Less P.G. & E.			-60,000	A.F.
		Net K.R.W.A.	245,350	A.F.
<b>Vacant Space</b>				
		<i>Sunday, January 10, 2021</i>		
Pine Flat			782,995	A.F.
Upstream			165,655	A.F.
		Total	948,650	A.F.
<b>Inflow</b>				
		<i>Sunday, January 10, 2021</i>		
Calculated Natural Flow at Piedra			205	C.F.S.
<b>Available for Distribution</b>				
		<i>Monday, January 11, 2021</i>	<i>7:00 AM</i>	
Pine Flat Release			136	C.F.S.
Mill & Hughes Creeks			0	C.F.S.
Friant-Kern			0	C.F.S.
		Total Available	136	C.F.S.
<b>Precipitation at Pine Flat</b>				
October 1 - January 10, 2021			4.00	Inches
Average for Date			7.30	Inches
Percent of Average			54.8%	

**KINGS RIVER WATER ASSOCIATION****CURRENT SNOW SENSOR READINGS**

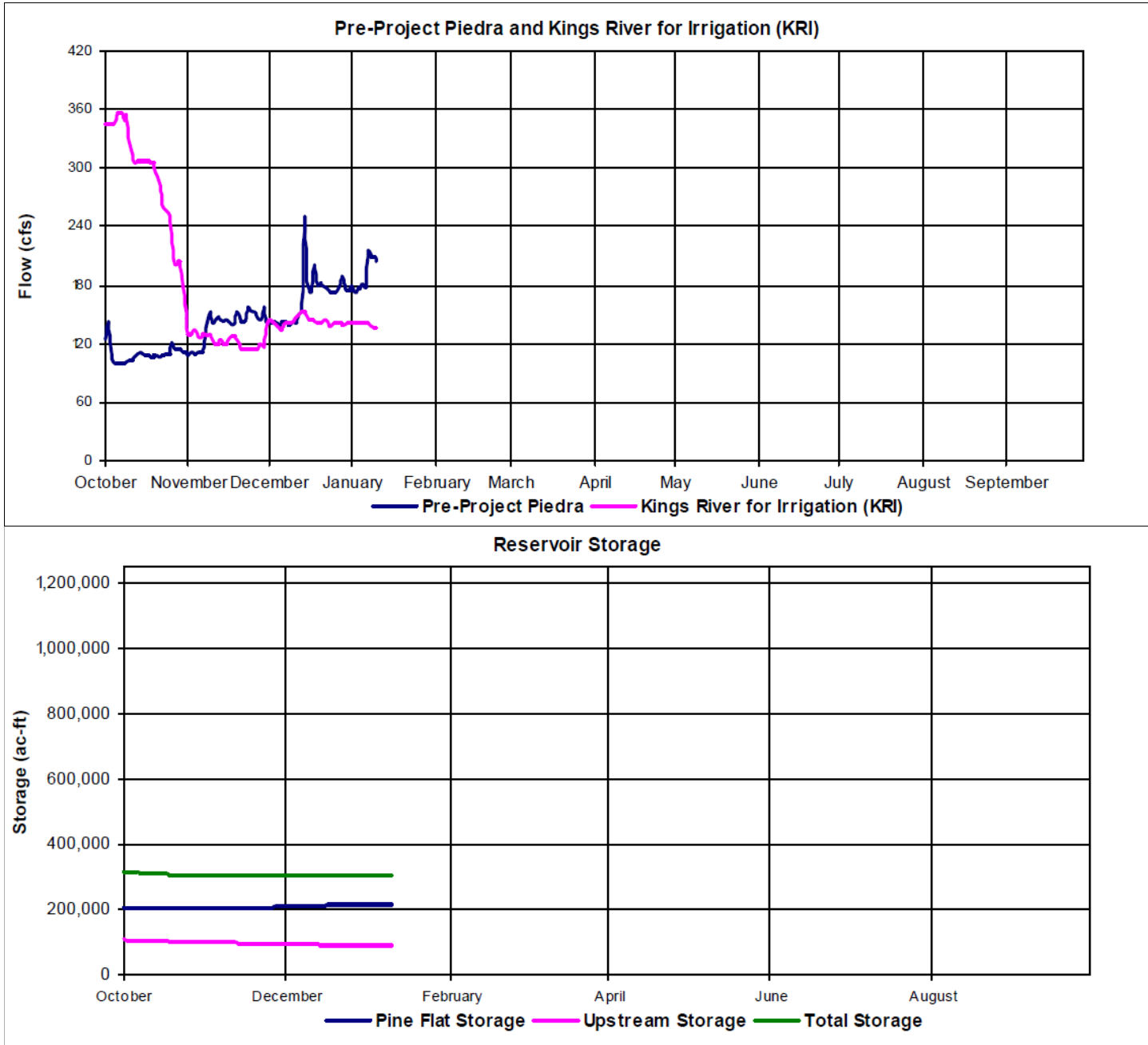
Sunday, January 10, 2021

SENSOR	Elev.	Water Content Inches	W.C. April. 1 Average	Percent April. 1 Average
Upper Providence	6500	1.0	13.8	7.4%
Big Meadows	7600	3.7	25.9	14.4%
Upper Bull	8000	4.1	32.6	12.4%
West Woodchuck	8800	2.5	32.8	7.7%
Upper Burnt	9700	3.6	34.6	10.5%
Mitchell Meadow	9900	6.0	32.9	18.3%
State Lakes	10300	3.3	29.0	11.3%
Black Cap Basin	10300	9.2	34.3	26.8%
Charlotte Lake	10400	4.8	27.5	17.3%
Bishop Pass	11200	N/A	34.0	
Average		4.2	29.7	14.3%

# Kings River Water Association 2020–2021 Water Year Hydrologic Data

AGENDA ITEM 4

October 1 to January 10



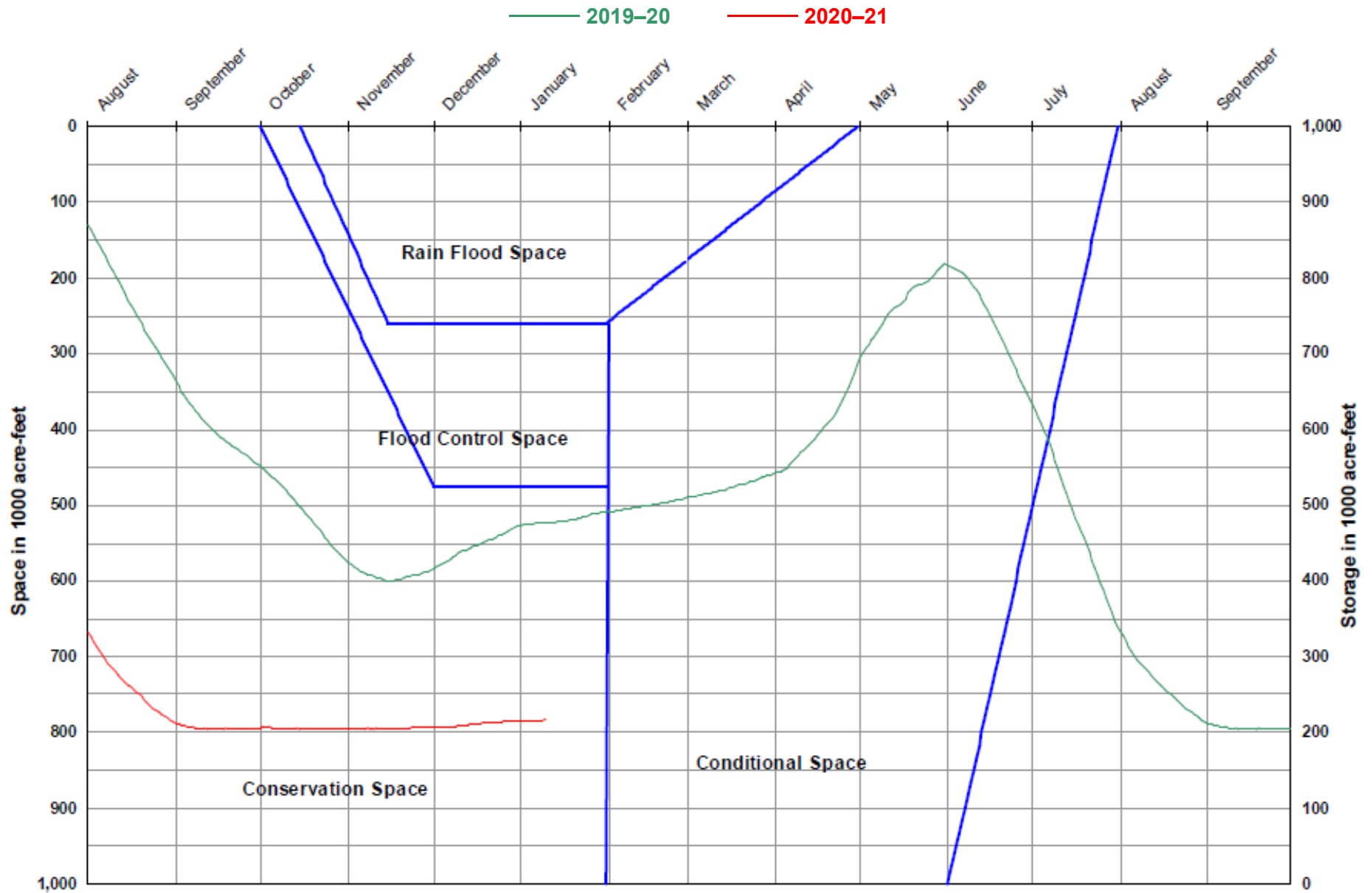
Pre-Project Piedra		Date
Water Year:	28,994 af	YTD
Maximum:	250 cfs	12/14/2020
Minimum:	99 cfs	10/5/2020
April-July Runoff:	0 af	YTD
% of Average:	0.00%	YTD

Precipitation at Pine Flat		Date
Water Year:	4.00in	YTD
Average:	7.22in	YTD
% of Average:	55.44%	YTD

Kings River for Irrigation		Date
Total K.R.I.:	36,752 af	YTD
Maximum:	357 cfs	10/6/2020
Minimum:	115 cfs	11/21/2020

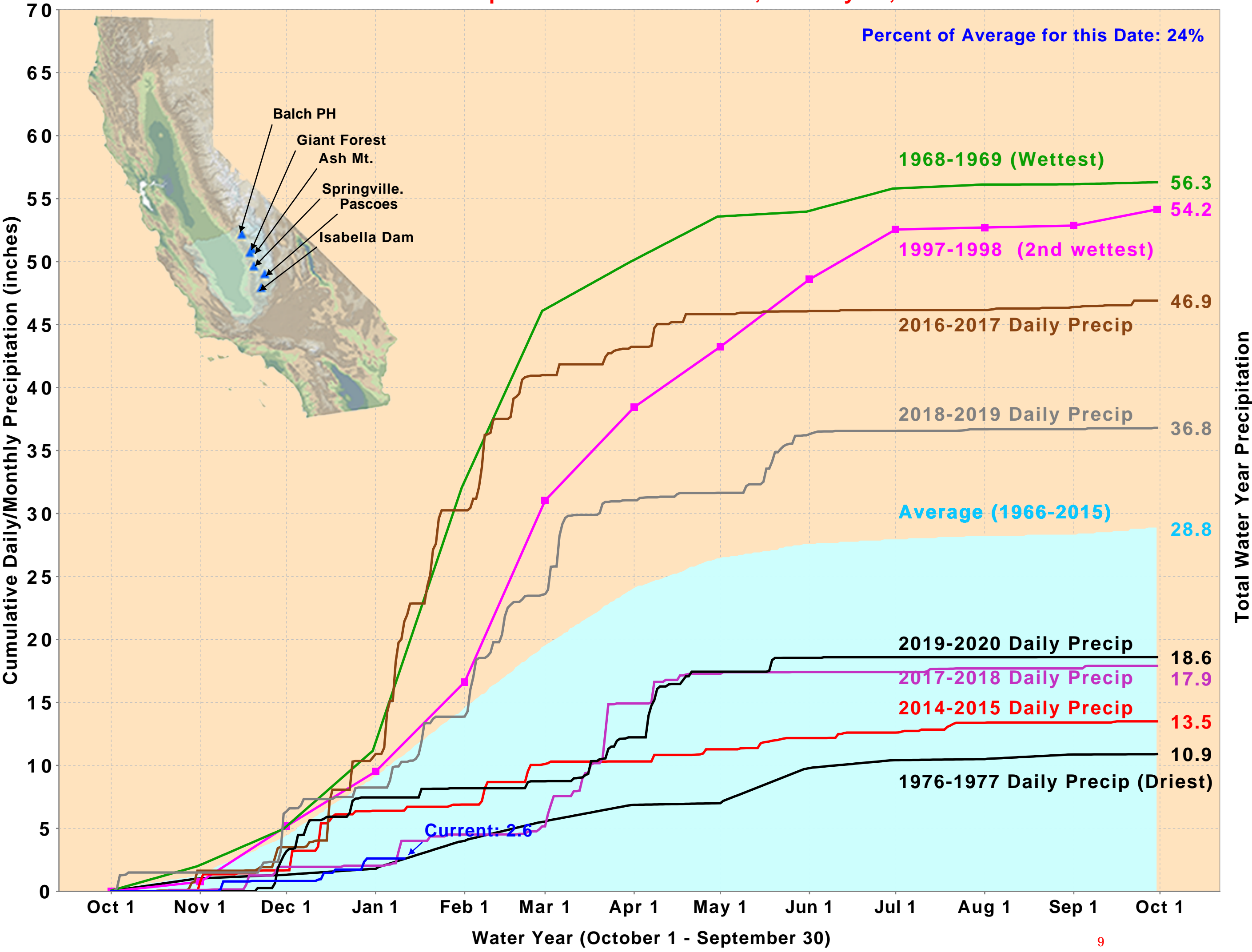
Storage		Date
Pine Flat (Max.):	217,005 af	1/10/2021
Pine Flat (Min.):	204,279 af	10/25/2020
Upstream (Max.):	107,925 af	10/1/2020
Upstream (Min.):	88,345 af	1/10/2021

# PINE FLAT LAKE Flood Control Diagram





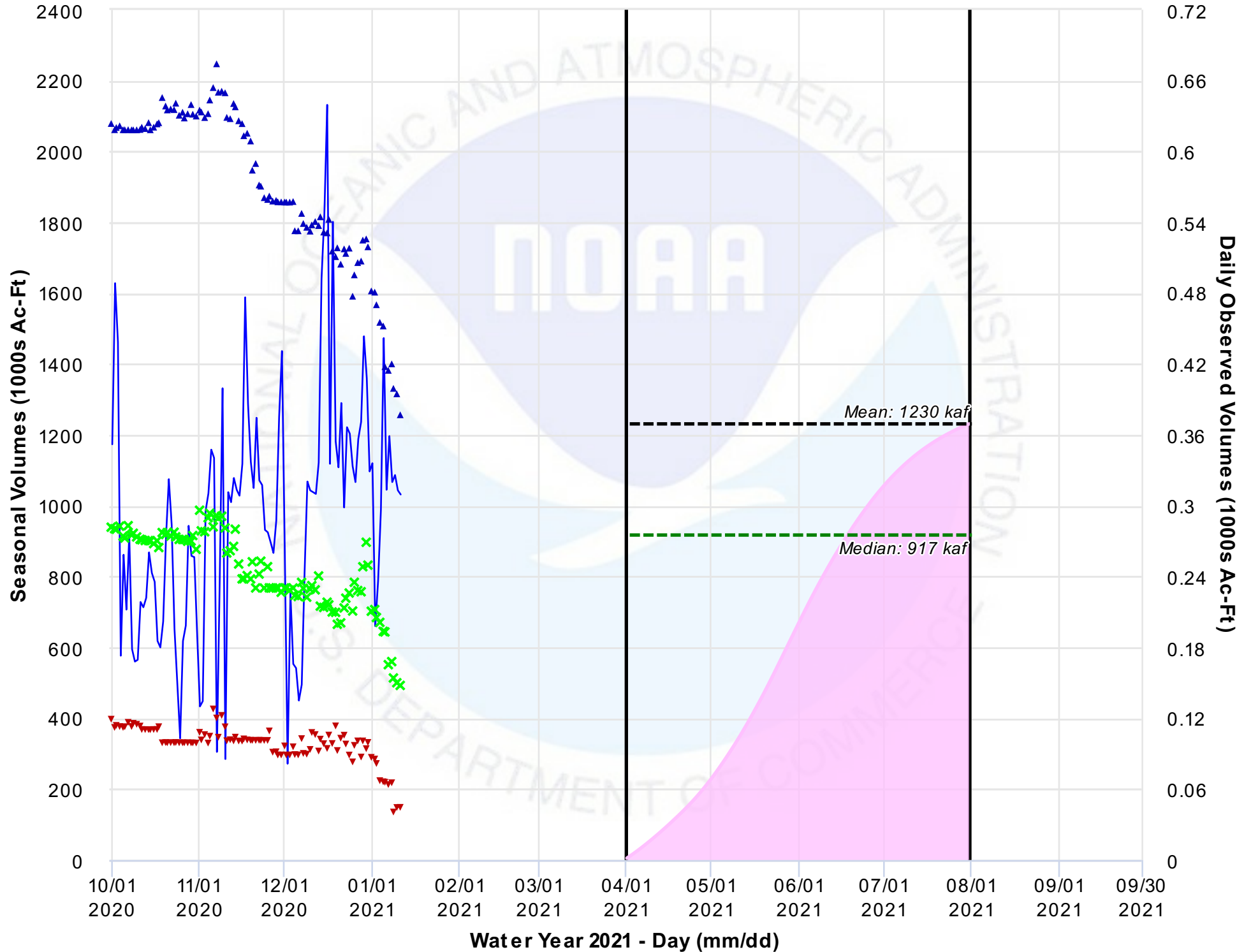
Tulare Basin Precipitation: 6-Station Index, January 11, 2021



# KINGS - PINE FLAT DAM, BLO (PFTC1) 01/11/2021

Most Probable: **493 kaf** | **40% of Average** | **54% of Median** AGENDA ITEM 4

Created: 01/11/2021 at 08:41 AM PST



Observed Season to Date Percent of Average: N/A% (M kaf)      Season to Date Average: kaf  
 Historical Apr-Jul Vol Max: 3110 kaf in 1969      Historical Apr-Jul Vol Min: 211 kaf in 2015

-- 30-Year Apr-Jul Vol Mean    -- 30-Year Apr-Jul Vol Media    ● Season to Date Avg    ● NWS Apr-Jul Fcst  
 -- Season to Date Obs    -- Daily Obs    ▲ ESP Apr-Jul Fcst 10%    ▲ ESP Apr-Jul Fcst 25%  
 x ESP Apr-Jul Fcst 50%    ▼ ESP Apr-Jul Fcst 75%    ▼ ESP Apr-Jul Fcst 90%

**KINGS RIVER**

**PRECIPITATION AUGMENTATION PROGRAM**

**2020/2021 SEASON**

**DECEMBER 2020**

**MONTHLY OPERATIONS REPORT**

**TO THE**

**KINGS RIVER CONSERVATION DISTRICT**

**By**

**NORTH AMERICAN WEATHER CONSULTANTS, INC.**

## **GENERAL REMARKS**

December marked the second month of the 2020-2021 cloud seeding program. Several storm systems affected the area during the month with varying intensity. Four storms saw seeding operations take place.

The first week of the month saw high pressure over the area with dry conditions and above normal temperatures, although there was some spotty frost and freezing temperatures on the 1<sup>st</sup>. On the 7<sup>th</sup> a dry upper low dropped south-southwestward from Nevada through central California and off the coast. As the low moved south of the area, there was a period of strong east and northeast winds over the Basin. High pressure started to rebuild into central California in the wake of the low, but the ridge axis remained west of the area; this resulted in northwest flow aloft which allowed for the first of two disturbances to bring light rain and snow to the area late on the 11<sup>th</sup> into the 12<sup>th</sup>. Quick on the heels of that system was another disturbance that brought more widespread rain and snow beginning in the early afternoon of the 13<sup>th</sup>. The storm exited the area a couple hours after midnight on the 14<sup>th</sup>. 1-2 inch liquid equivalent totals for the weekend were reported in the Sierras. High pressure briefly moved over the area from the 14<sup>th</sup> through the 16<sup>th</sup>. A third storm system moved quickly across the area on the 17<sup>th</sup> accompanied by a band of rain and snow. Behind this system, high pressure returned, with valley fog and low clouds occurring over a period of several nights and mornings. The ridge remained in place through Christmas Day. A system brushed by the area on the 26<sup>th</sup> but only a few hundredths of an inch were recorded. An upper low approached the Central Coast on the evening of the 27<sup>th</sup> with precipitation spreading into the area late evening into the overnight hours. The low tracked inland and then just south of central California on the 28<sup>th</sup> with precipitation coming to an end. High pressure basically returned for the remainder of the month, interrupted briefly by an inside slider late on the 30<sup>th</sup> into the morning of the 31<sup>st</sup>.

In terms of precipitation, December was much drier than normal for virtually the entire state. Only a few small areas, mainly in mountainous areas of southern California, northern Mono County and far northeast California were close to normal for December. Northwest California, as expected, saw the most precipitation for the month with 10-15 inches of precipitation, but this is still below normal for that area.

Elsewhere across the United States, a large portion of the country saw below normal precipitation, particularly across the west where much below normal precipitation (i.e., 25% or less) was recorded over the Desert Southwest, Montana and western parts of the northern Plains as well as portions of the interior Pacific Northwest. Parts of the Central and Southern Plains as well as the Mid-Atlantic States, by contrast, saw above to much above normal precipitation.

**FRESNO-YOSEMITE INTERNATIONAL – DECEMBER 2020**

<b>Temperature</b>		<b>Precipitation</b>	
Average Temperature	<b>48.9°F</b>	December 2020	<b>1.14"</b>
Normal Temperature	<b>46.5°F</b>	Normal Precipitation	<b>1.77"</b>
Departure from Normal	<b>+2.4°F</b>	Departure from Normal	<b>-0.63"</b>
Maximum Temperature	<b>69°F (5<sup>th</sup>, 9<sup>th</sup>)</b>	Percent of Normal	<b>64.4</b>
Minimum Temperature	<b>35°F (19<sup>th</sup>, 21<sup>st</sup>)</b>		

**FRESNO SEASONAL PRECIPITATION INFORMATION**

Precipitation 2019-2020 season (7/1/19 – 6/30/20)	<b>7.63"</b>
Current precipitation season (7/1/20 – 12/31/20)	<b>1.42" (-2.24")</b>
Normal season precipitation (7/1 – 12/31)	<b>3.66"</b>
Percent of average	<b>38.8</b>

**WATERSHED PRECIPITATION AMOUNTS AND PERCENT OF NORMAL**

<b>Station</b>	<b>Dec. (avg)</b>	<b>% of Normal</b>
Balch Camp	1.57" (4.65")	33.8
Cedar Grove	1.95" (4.36")	44.7
Wishon Dam	2.35" (7.47")	31.5

## **DECEMBER 2019 WEATHER AND STORM SUMMARY**

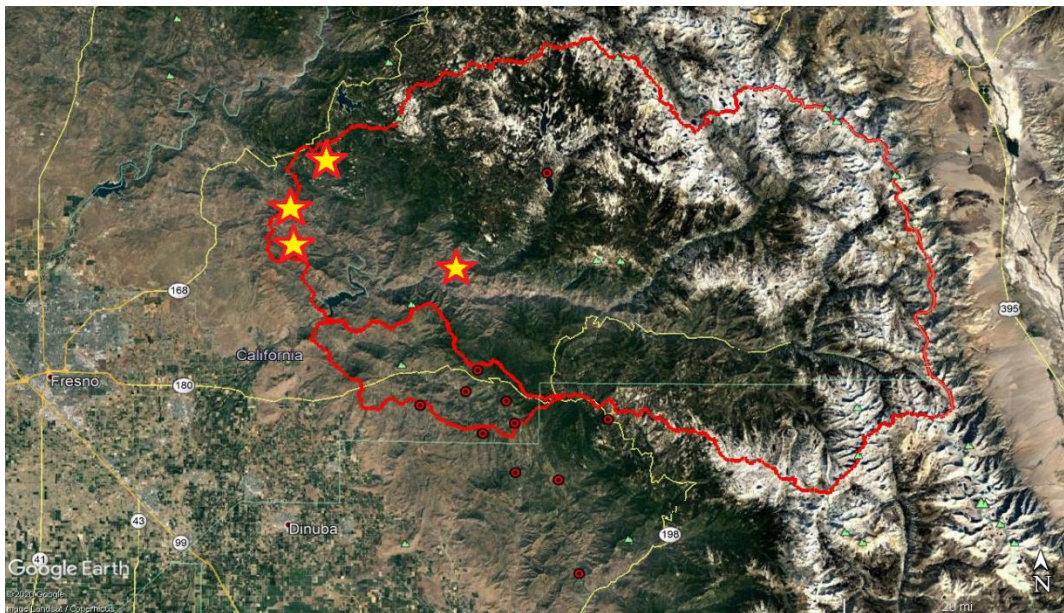
### **December 11-12**

Central California was located on the eastern edge of a ridge of high pressure centered offshore. The northwesterly flow aloft in place allowed for a couple impulses of energy to move southeast across the area. The first one pushed through during the afternoon and early evening hours of the 11<sup>th</sup>. Radar detected precipitation aloft, but with the dry sub-cloud layer air, only some of this precipitation reached the ground. A second impulse arrived into the area just before midnight on the 12<sup>th</sup>. With the sub-cloud airmass now moistened from the previous impulse, light rain and higher elevation snow was able to reach the ground over a larger area. Precipitation continued overnight into the morning hours on the 12<sup>th</sup>. Snow levels were around 7000-7500 feet as indicated by Pine Flat radar. A few additional rain & snow showers moved across the western target area between 0800 and 0900 PST; after that, precipitation tapered off as the storm departed the area.

During the storm, four ground-based generators were active.

Storm total precipitation included 0.34" at Balch Camp, 0.26" at Cedar Grove and 0.45" at Wishon Dam.

**Seedability:** Good. Warmer than ideal temperatures aloft and NW flow precluded a higher rating.



**Figure 1.** Location of active CNGs on December 11-12, indicated by stars.



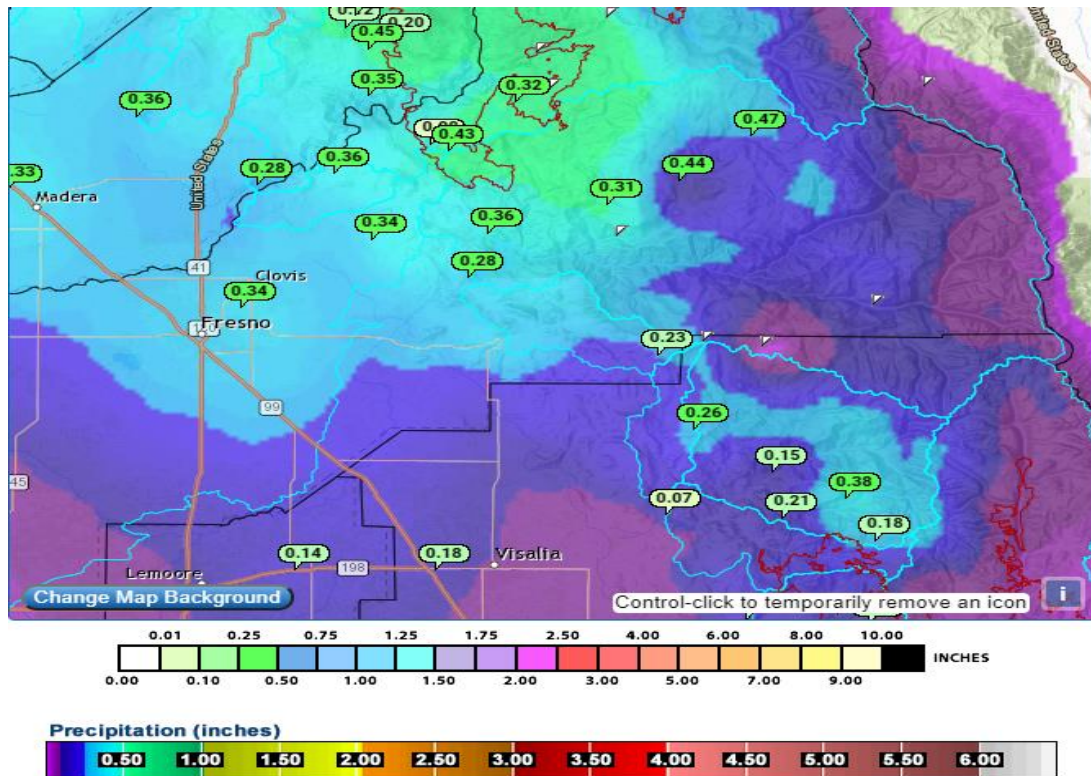


Figure 2. Storm total precipitation for December 11-12, courtesy of CNRFC.

## December 13-14

Quick on the heels of the previous storm, an upper-level trough began pushing inland across northern California during the morning hours of the 13<sup>th</sup>. The southern extent of this system began to impact central California around midday, with rain and higher elevation snow moving in from the west. Snow levels were around 6000-6500 feet. Initially 700 mb temperatures were a little warmer than what would be desired for seeding operations, however they cooled off as the day progressed. Precipitation continued through the afternoon and evening hours, eventually tapering off after midnight as the trough axis passed through the area.

During the storm, ten ground-based generators were active.

Storm total precipitation included 0.65" at Balch Camp, 0.96" at Cedar Grove and 0.79" at Wishon Dam.

**Seedability:** Very good to excellent.

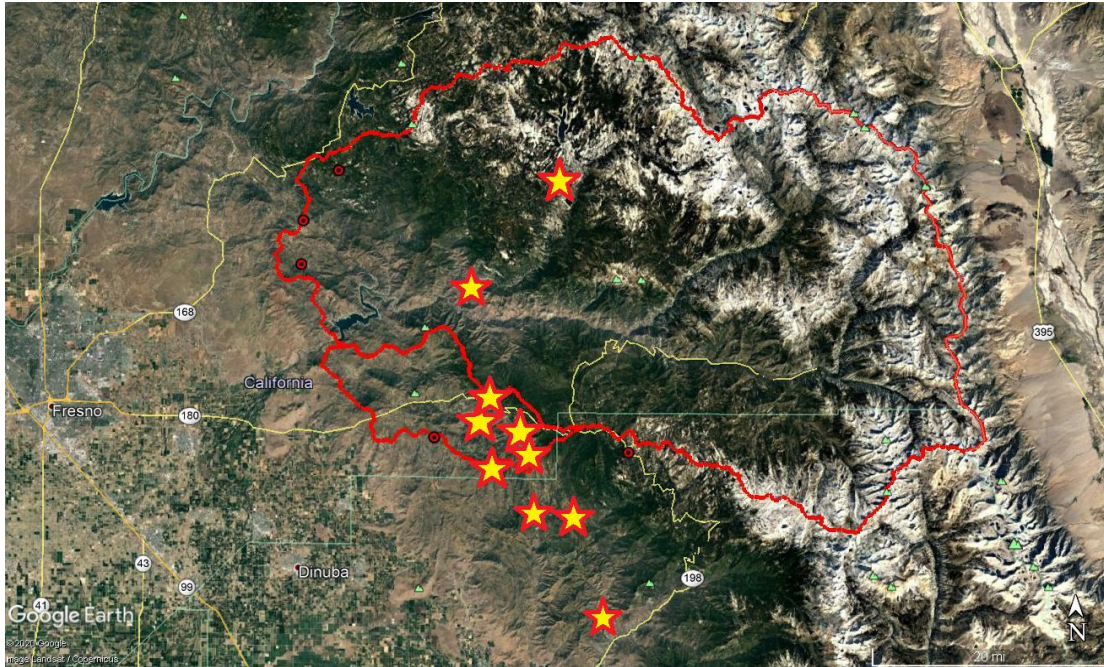


Figure 3. Location of active CNGs on December 11-12, indicated by stars.

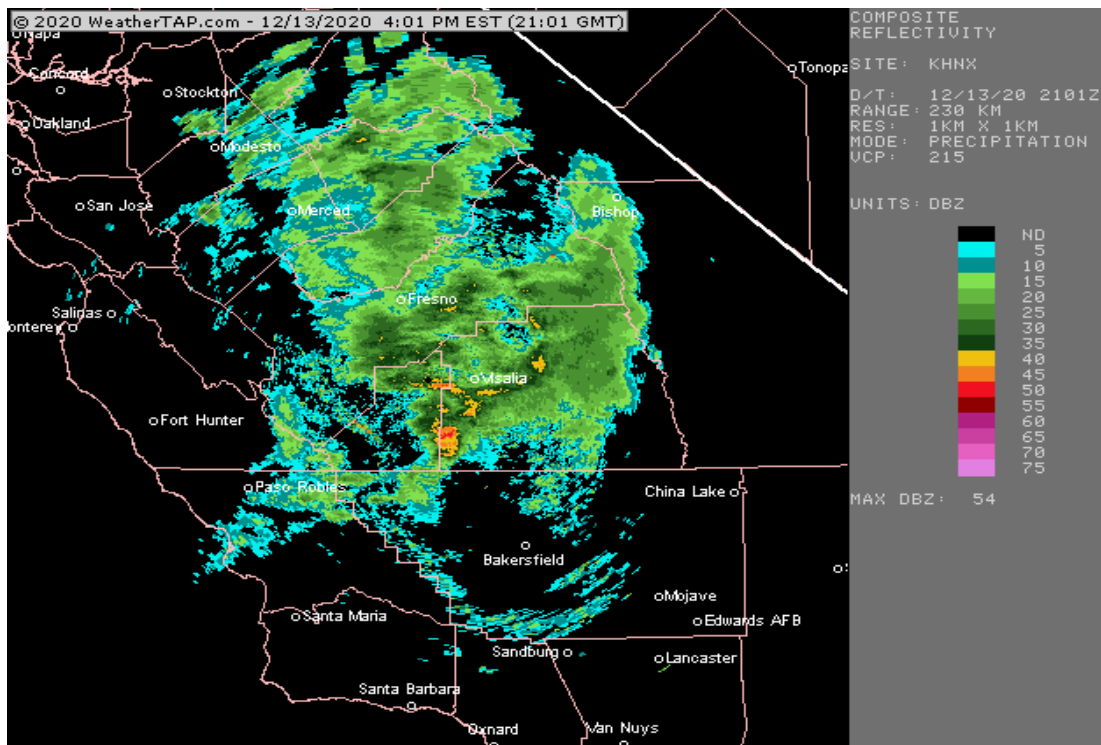


Figure 4. Radar image at 2101Z (1301 PST) on December 13.



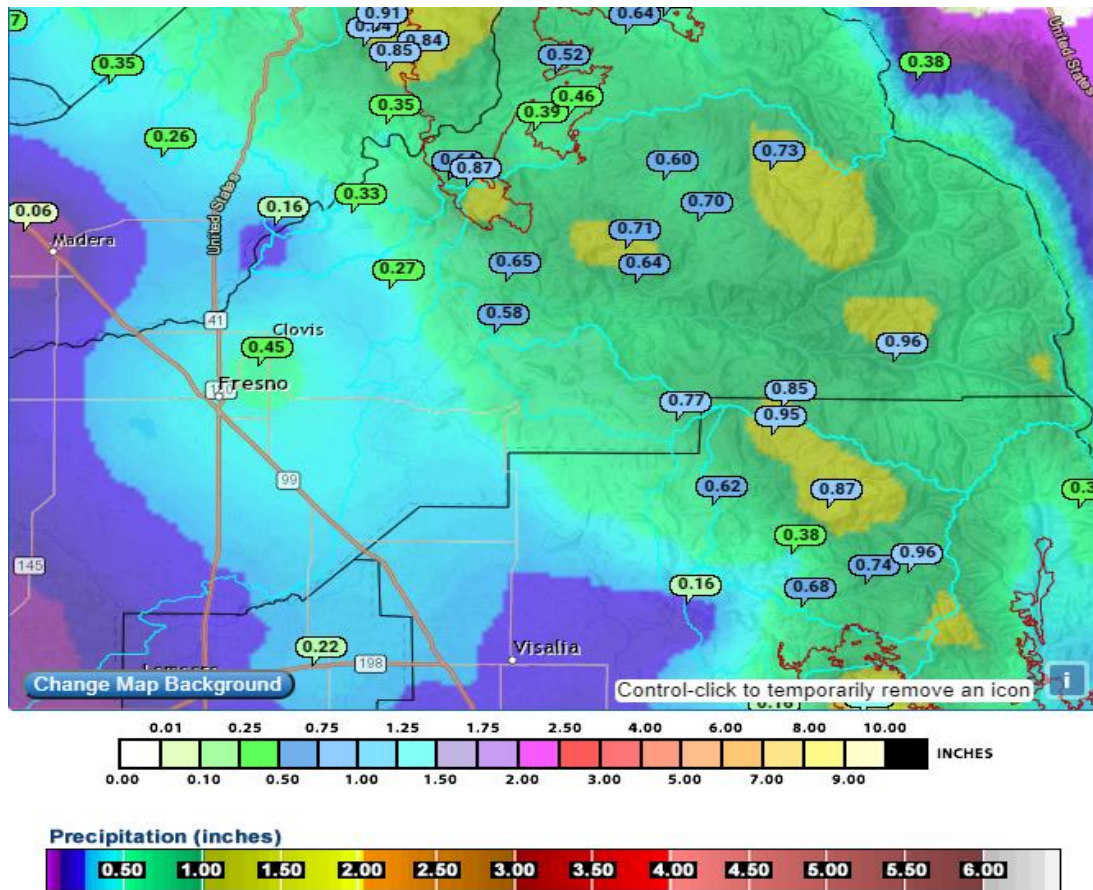


Figure 5. Storm total precipitation for December 13-14.

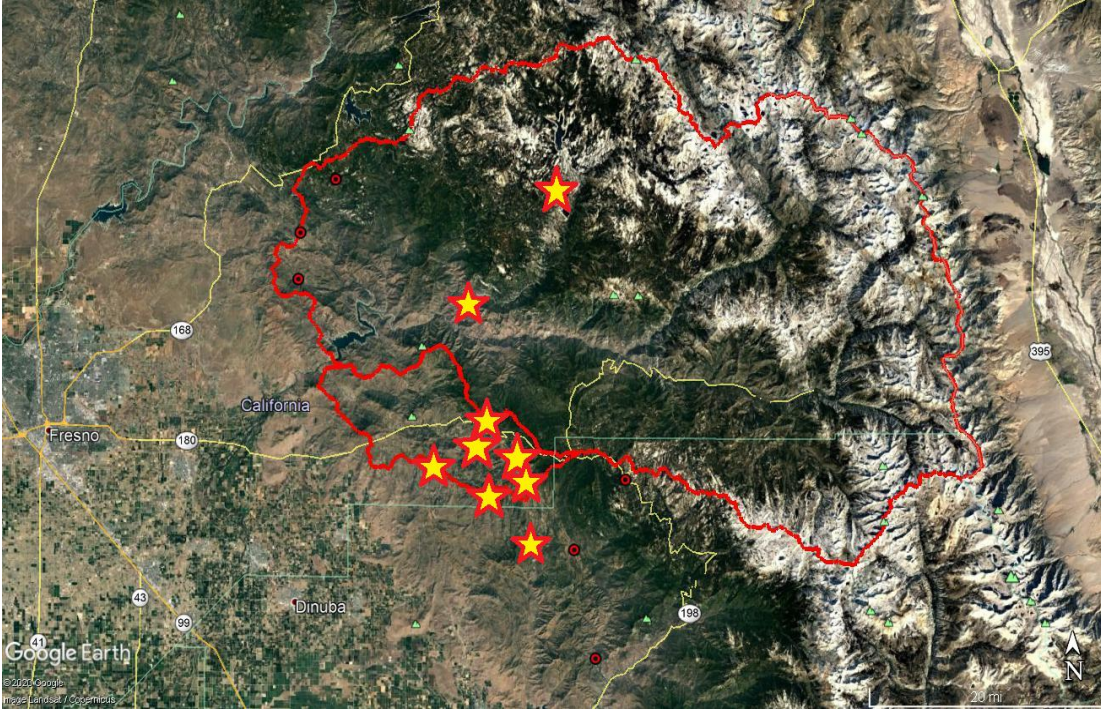
## December 17

An upper-level shortwave approached central California early in the morning accompanied by good orographic lifting (e.g., 30-40 kt flow at 700 mb/10,000 feet MSL perpendicular to Sierras). The main area of precipitation was associated with the frontal boundary, which moved across the area during the morning hours. Moisture levels as indicated by area soundings showed decent amounts of precipitable water available, and mid-level temperatures were sufficiently cool and within the range for ice nuclei activation. This was a quick-hitting storm, with precipitation ending by early afternoon, save for a few weak showers over the foothills later in the afternoon.

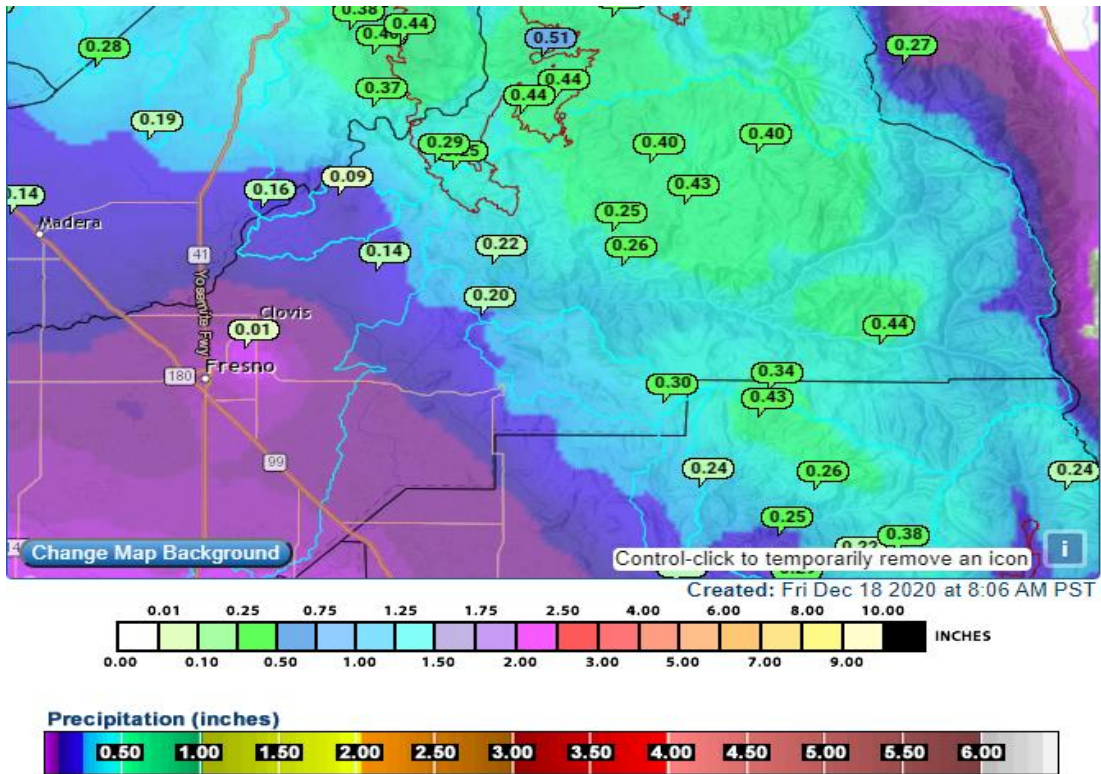
During the event, nine ground-based generators were active.

Storm total precipitation included 0.17" at Balch Camp, 0.45" at Cedar Grove and 0.43" at Wishon Dam.

**Seedability:** Excellent.



**Figure 6. Location of active CNGs on December 17, indicated by stars.**



**Figure 7. Storm total precipitation for December 17.**



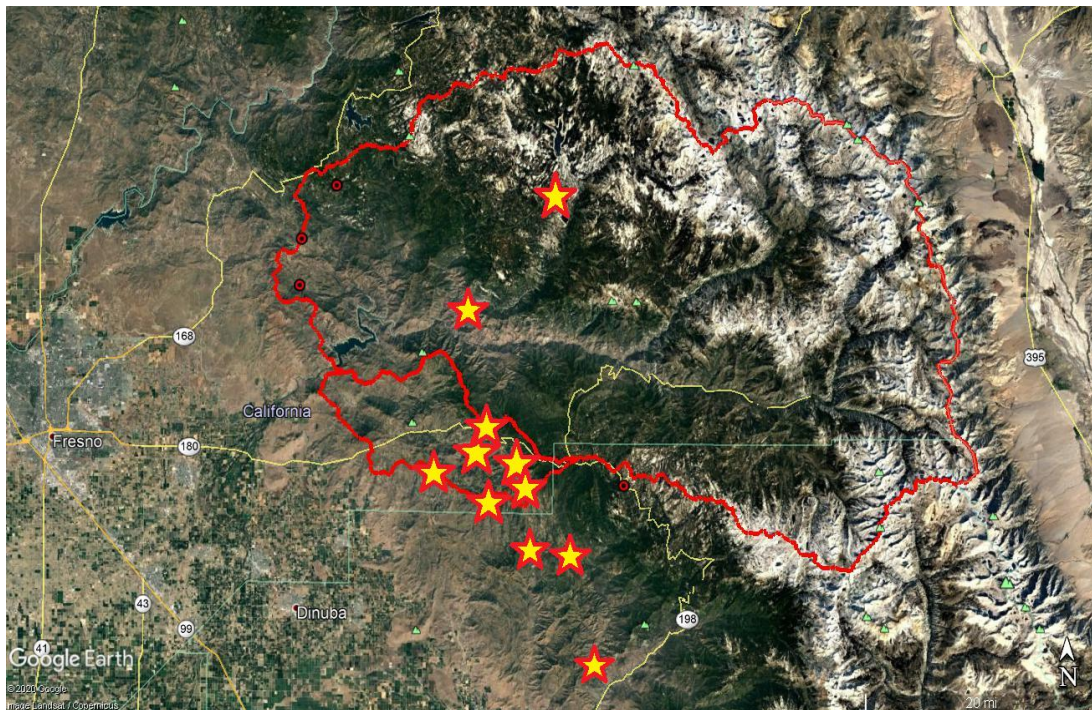
## December 27-28

A broad upper-level trough in the eastern Pacific began to push onto the west coast on the 27<sup>th</sup>. Located at the base of the trough was an upper low that was forecast to move southeast toward the Central Coast by early morning on the 28<sup>th</sup> and then push inland across southern California. Ahead of the upper low, a warm front pushed into central California late morning into the afternoon hours on the 27<sup>th</sup> accompanied by an area of light precipitation. This warm advection precipitation was not seedable. As the upper low began to encroach on the Central Coast by evening, an area of showers began to develop west of the target area from the central San Joaquin Valley northward into the foothills south of Yosemite. By late evening, a band of heavier precipitation more directly associated with the upper low began to spiral inland from the coast and push northward toward the Sierras and central part of the San Joaquin Valley. The precipitation arrived in the target area after 0100 PST on the 28<sup>th</sup> and continued through the overnight hours, eventually tapering off after sunrise. Snow levels started out around 5000 feet at the beginning of the event and lowered to 3500 feet by the morning of the 28<sup>th</sup>. The upper low continued to move inland across southern California and away from the area.

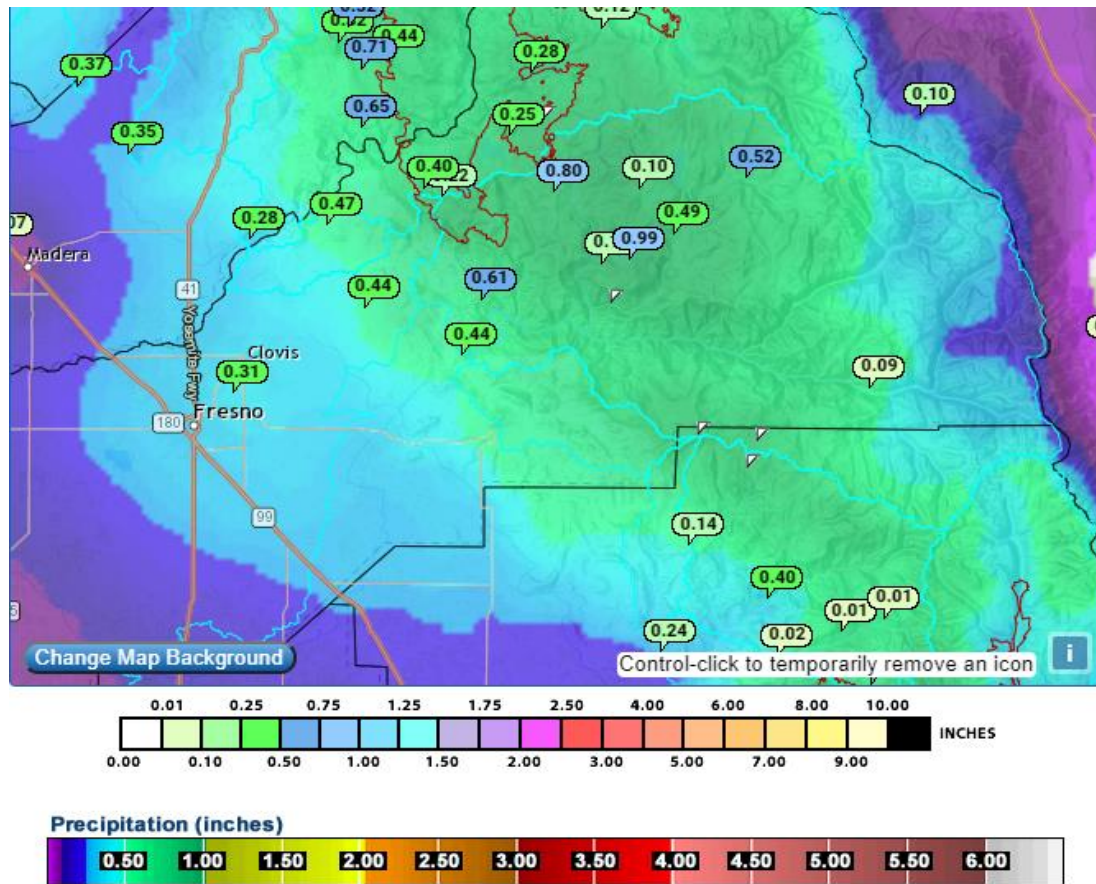
During the storm event, 11 ground-based generators were active.

Storm total precipitation included 0.25" at Cedar Grove and 0.63" at Wishon Dam.

**Seedability:** Excellent.



**Figure 8.** Location of active CNGs on December 27-28, indicated by stars.



**Figure 9. Storm total precipitation for December 27-28.**

**CLOUD NUCLEATION GENERATOR (CNG) SUMMARY**

Date	Location	Time on	Time off	Total hrs	AgI (g)
11-12-Dec	Burrough Valley	9:00pm	9:15am	12.25	147
	Balch Camp	10:45pm	11:00am	12.25	147
	Cressman	8:15pm	9:30am	13.25	159
	Watts Valley	10:00pm	11:15am	13.25	159
13-14-Dec	Dry Creek	1:30pm	7:30am	18	216
	Balch Camp	12:30pm	8:00am	19.5	234
	Camp Hye Sierra	12:15pm	7:45am	19.5	234
	Kaweah	12:30pm	8:15pm	7.75	93
	Dunlap East	12:30pm	8:00am	19.5	234
	Stoney Flat	12:30pm	7:45am	19.25	231
	Mill Creek	12:30pm	7:45am	19.25	231
	Apple Place	12:30pm	7:45am	19.25	231
	Eshom Valley	12:30pm	8:00am	19.5	234
	Wishon Lake	3:30pm	5:30am	14	168
17-Dec	Dry Creek	7:30am	1:00pm	5.5	66
	Balch Camp	6:45am	1:45pm	7	84
	Camp Hye Sierra	6:30am	1:00pm	6.5	78
	Primrose	6:45am	12:45pm	6	72
	Dunlap East	6:45am	1:00pm	6.25	75
	Stoney Flat	7:30am	12:45pm	5.25	63
	Mill Creek	7:30am	12:45pm	5.25	63
	Apple Place	7:15am	12:30pm	5.25	63
	Wishon Lake	6:30am	5:30pm	11	132
27-28-Dec	Dry Creek	9:00pm	9:15am	12.25	147
	Balch Camp	8:15pm	1:30pm	17.25	207
	Camp Hye Sierra	9:00pm	9:15am	12.25	147
	Primrose	9:00pm	9:30am	12.5	150
	Kaweah	9:00pm	9:30am	12.5	150
	Dunlap East	9:00pm	9:15am	12.25	147
	Stoney Flat	9:00pm	9:30am	12.5	150
	Mill Creek	9:00pm	9:15am	12.25	147
	Apple Place	8:45pm	9:30am	12.75	153
	Eshom Valley	8:00pm	9:30am	13.5	162
	Wishon Lake	5:30pm	5:30pm	24	288

<b>Total</b>	<b>438.5</b>	<b>5262</b>
<b>Season</b>	<b>516</b>	<b>6192</b>

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January 5, 2020

## ***Memorandum***

TO: Board of Directors

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

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

## ***State Affairs***

Governor Gavin Newsom selected California Secretary of State Alex Padilla to be California's next United States Senator, filling the term being vacated by Vice President-elect Kamala Harris. Governor Newsom will submit to the State Legislature the nomination of San Diego Assembly Member and Chair of the California Legislative Black Caucus, Dr. Shirley N. Weber, as the next California Secretary of State, filling the seat that will be vacated by Secretary of State Alex Padilla once he assumes office in the United States Senate.

Governor Newsom has appointed Jim DeBoo as Executive Secretary starting January 1st. Deboo replaced outgoing Chief of Staff Ann O'Leary. O'Leary submitted her resignation but will continue her service through mid-January to assist in ensuring a seamless transition. In his role as Executive Secretary, DeBoo will oversee the Governor and Administration's overall strategy including communications, legislation, external and intergovernmental affairs, as well as the Governor's scheduling, advance, and protocol operations.

## ***Legislative***

On December 7th, the Senate and Assembly held their one-day Organizational Session. The Session was held to: swear-in newly elected members; elect the Senate President Pro Tempore (Toni Atkins - D, San Diego) and Assembly Speaker (Anthony Rendon - D, Lakewood) who were both re-elected to those posts; pass Rules for both houses; and, begin bill introductions for the 2021-2022 Legislative Session. Senator Atkins made brief comments and stated the priorities for the coming legislative year would include COVID-19 prevention and response, economic relief and recovery, and chronic challenges facing California that have been made worse by the pandemic. She also mentioned broadband availability, wildfires, and housing as priorities. Speaker Rendon identified his priorities as police decertification, climate change/wildfires/fire conditions, environmental justice, and expansion of broadband. It was also announced that a new policy committee has been formed: the Assembly Committee on Emergency Management. Both leaders announced that the Legislature's session return date has been amended from January 4th to January 11th.

## ***Valley Ag Water Coalition (VAWC)***

VAWC held its annual meeting on December 10th. Executive Director Bob Reeb reported the Legislature is expected to operate under COVID-19 pandemic guidelines for the first six months of next year. Some consultant appointments have been made: Dennis O'Connor as Chief Consultant to the Senate Natural Resources and Water Committee, who will remain the lead water contact; and Pedro Gonzalez as Chief Consultant to the Assembly Water, Parks, and Wildlife Committee. Reeb reported it is expected the Legislature will focus on the State budget upon its return in January. The Governor has a January 10th deadline to submit a budget. Reeb reported there is a lot of interest in

placing a bond measure on the June 2022 ballot. Early indications are that environmental interests will seek to place safe drinking water as a requirement of Groundwater Sustainability Agencies under part of SGMA. In addition to Reeb's report, VAWC's steering committee approved the 2021 budget, Reeb's 2021 contract, and created a membership subcommittee. Mark McKean, Cristel Tufenkjian, and I will serve on the subcommittee.

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

In addition to the historical summary and update provided by Austin Ewell during the Association of California Water Agencies (ACWA) Agriculture Committee meeting, I attended the Blueprint large group meeting. Scott Hamilton provided a technical update and discussed the Blueprint's relationship to California's Water Resilience Portfolio from a common purposes' perspective. Tal Eslick provided a communication update focusing on two blogs that can be found on SJVB's website; one by Paul Boyer of Self-Help Enterprises and one by Tim Quinn of Stanford University. Tim Quinn also discussed two documents; a San Joaquin Valley Water Collaborative Action draft Vision Statement and Update. The California Water Resilience Portfolio common purposes perspective document, along with the draft Vision Statement and Update, are attached.

I also had a separate phone meeting with Scott Hamilton. Our discussion focused on if and how the Blueprint might meet the needs of the Kings River area. My perspective is that Scott has a very good handle on the water resource needs for our area. I suggested that he get with Steve Haugen and make a presentation to the Kings River Water Association (KRWA). My advice centered on explaining why and how there are water resources available through the Blueprint concept and the cost. To avoid frightening constituents, or at least addressing a potential reaction to cost, I suggested he include the cost as part of the larger water resource portfolio for the area.

### ***Other***

#### ***ACWA Energy Committee***

Attached is a letter submitted by ACWA to the California Energy Commission, California Air Resources Board, and the California Public Utilities Commission regarding the draft SB 100 report on achieving 100% clean energy in California by 2045. ACWA's comments included support of the inclusion of large hydropower amongst SB 100 eligible zero-carbon resources and encouraged further consideration of hydropower for accomplishing SB 100 goals. ACWA also stated their support for the proposed approaches for demand flexibility, storage, and natural and working lands, and encouraged more rapid action on transmission planning.

#### ***ACWA Agriculture Committee***

I attended the ACWA Agriculture Committee meeting. Cindy Tuck discussed the fall conference. David Reynolds provided a Federal update discussing the omnibus bill, ACWA's focus on the energy and water bill, COVID-19 relief, Water Resources Development Act (WRDA), Environmental Protection Agency (EPA), wildfire, the defense bill, and water trading on Wall Street. Thad Bettner discussed the Voluntary Agreements, appreciation for ACWA's assistance, and the need to resolve litigation. Austin Ewell provided a San Joaquin Valley Blueprint update briefly describing the history, formation, and the economic study. He also discussed the path forward and the need for legislation for modifying place of use, increased diversions, reduced permitting and protections for farmers. Ernest Conant, United State Bureau of Reclamation (Reclamation) Mid-Pacific Regional Director, and his staff provided an organizational structure update and updates to the biological opinions, the 2021 water supply outlook, and Federal/State coordination efforts. Alexandra Biering provided an update regarding Agriculture Water Management Plans. Don Cameron provided a presentation associated with his role as President of the California State Board of Food and Agriculture. Justine Mendes provided a CV-SALTS update. Adam Robin provided an update from the Northern California Water Association (NCWA).



### *California Water Commission (CWC)*

The California Water Commission is conducting a series of public workshops as part of its efforts to assess a potential State role in financing conveyance projects that could help meet needs in a changing climate. The Commission's goal with these workshops is to learn from diverse voices across the State. Participants from the region are encouraged to share their perspective on conveyance infrastructure needs and priorities, effective partnerships, public benefits of conveyance, possible criteria to assess resilience, efforts in preparing for changing hydrology, and effective financing mechanisms. The first workshop will focus on Southeastern California, including the Colorado River region and the Mono, Inyo and San Bernardino County region, to be followed by workshops centered on Southern, Northern, and Central California.

### *Resource Conservation Districts (RCD)*

Met with Sierra RCD's (SRCD) District Manager, Steve Haze. From that discussion it was agreed that SRCD would delay their Fresno LAFCo hearing for potential expansion of their Sphere of Influence (SOI)/SRCD boundary. It was agreed that Haze would present at a future KRWA meeting SRCD's reason for increasing their SOI, explain services not being provided in the proposed expanded area, provide types and examples of projects SRCD would engage in, and explain why it is necessary to expand to accomplish these types of activities. I drafted an agreement that will allow expansion of SRCD's SOI with the stipulation that efforts performed by SRCD will not infringe upon KRCD's authorities or the authorities of other entities where those other entities are within and/or encompassed by KRCD's boundary. Absent substantive concerns from KRWA member units, once the agreement is signed by both SRCD and KRCD, SRCD will move forward with the expansion of their RCD through Fresno LAFCo. The agreement is currently being reviewed by legal counsel. Tranquillity RCD agreed to limit their expansion to the boundary of the McMullin GSA.

### *Tulare Basin Watershed Partnership (TBWP)*

I attended the TBWP meeting. Discussions involved obtaining consensus on Charter elements, brainstorming potential projects, a presentation on a Sequoias to the Sloughs Deer Creek Riparian Corridor pilot project (a summary is attached), as well as a presentation by Steve Haze regarding post-fire recovery and restoration in the Southern Sierra Nevada.

## ***Federal Affairs***

President-elect Joe Biden formally announced his picks for the top energy, environment, resources, and climate change positions in his new Administration. They include Representative Deb Haaland (D-NM) for Secretary of the Interior; former Michigan Governor Jennifer Granholm for Secretary of Energy; North Carolina Department of Environmental Quality head Michael Regan for EPA Administrator; Brenda Mallory for Chair of the Council on Environmental Quality; Natural Resource Defense Council head Gina McCarthy as head of the White House Office of Domestic Climate Policy; and Ali Zaidi, advisor to NY Governor Andrew Cuomo, as Ms. McCarthy's deputy. Republicans have indicated they may challenge some of the Biden Administration's selections during confirmation hearings in the Senate, which are expected to begin in late winter. Only Secretaries and department heads require Senate confirmation.

## ***Legislative***

### *Bills*

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

President Trump signed the Fiscal Year 2021 omnibus appropriations bill on December 27th. The bill funds the Federal government for the duration of Fiscal Year 2021 and included \$1.4 trillion for the 12 annual appropriations bills. The package also included \$900 billion in COVID-19 relief aid, the 2020

WRDA, the Energy Act of 2020, and other legislative provisions, including some related to Reclamation programs.

Congress returned the week after the Christmas holiday to votes on increasing individual COVID-19 relief payments to individuals from the \$600 included in the omnibus package to \$2,000. Despite support from the President and passage by the House, a vote on additional funding was blocked in the Senate. The same week, Congress voted to override a Presidential veto of the National Defense Authorization Act. The votes closed out all legislative action of the 116th Congress as the new 117th Congress is set to convene on January 3rd.

The bill provides more than \$1 billion for United State Army Corps of Engineers (USACE) and Reclamation water infrastructure and drought resilience programs in California. Specifically, the bill includes:

An additional \$332 million to fund California projects under the Water Infrastructure Improvements for the Nation (WIIN) Act, including:

- \$206 million for the Friant Kern Canal restoration, which completes the Federal cost share for the canal's Middle Reach, intended to help restore a 60 percent loss in the canal's conveyance capacity.
- \$35 million for five water recycling projects in Los Angeles, Monterey, Soquel, Oceanside, and Palmdale.
- \$18 million for two desalination projects in Camarillo and South Orange County.
- \$40 million for habitat restoration and other environmental projects.
- \$26 million for preconstruction and design work to expand the Sites Reservoir and Los Vaqueros Reservoir; two major off-stream surface storage projects with significant benefits for wildlife refuges and threatened and endangered fish species.
- \$7 million for studies on other off-stream and groundwater storage and conveyance projects.
- \$28 million for the San Joaquin River Restoration project.

Drought resilience programs benefiting the West:

- \$55 million for WaterSMART grants and \$63 million for the Title XVI Water Reclamation and Reuse program in addition to the above-mentioned water recycling funding.
- \$9.5 million for desalination research and development in addition to the above-mentioned desalination funding.
- \$8 million to fund repairs to critical Reclamation canals to help recharge aquifers and comply with the Sustainable Groundwater Management Act (SGMA).

Additional water infrastructure-related investments:

- \$192.5 million for the Whittier Narrows dam safety project in Los Angeles County.
- \$14 million for USACEs' new program that leverages up to \$1 billion in low-interest loans for non-Federal dam safety projects throughout the country; potentially including several projects in California.
- \$7.5 million to update USACE Flood Control manuals.
- \$5 million to continue research and development on atmospheric rivers to improve reservoir water level forecasting abilities and operations.
- \$50 million for donor and energy transfer ports, such as the Ports of Los Angeles and Long Beach.

- \$12.5 million for a program to design nature-based resiliency projects and natural infrastructure options in drought, flood, and post-fire recovery areas in the west.

Priorities included as part of the Water Resources Development Act (WRDA):

- A provision that improves the Federal Emergency Management Agency (FEMA) grant program for non-Federal dam safety projects for dam owners and state dam safety agencies.
- A provision directing the USACE to prepare a feasibility study on potential dam safety improvements to Oroville Dam.
- A total of 36 specific studies and project authorizations in California.

Airborne Snow Observatory (ASO):

- The Reclamation provisions of the omnibus appropriations package included legislative language drafted by Senator Dianne Feinstein and Congressman Josh Harder, the Snow Water Supply Forecasting Program Authorization Act, to establish an ASO and measurement program within the Department of the Interior.
- The funding bill included \$3 million for this program and authorized another \$15 million over the next five years.

## ***Corps Bills***

*Water Resources Development Act (WRDA)*

See above regarding the omnibus bill.

## ***Reclamation Bills***

*Airborne Snow Observatory (ASO)*

Authorizing and appropriating language was included in the omnibus bill; see above.

## ***COVID-19***

See above regarding the omnibus bill.

## ***ACWA Federal Affairs Committee (FAC)***

The Federal Affairs Committee met on December 16th. ACWA staff presented the proposed Federal Affairs Committee 117th Congress Priorities which include:

- Funding for Water Infrastructure
  - State Revolving Fund (SRF)
  - Water Infrastructure Finance and Innovation Act (WIFIA) for EPA, USACE, and Reclamation
  - Water Recycling, Desalination
  - Storage
  - CALFED Bay-Delta Program (CALFED)
  - Colorado River Salinity Control Program
  - Salton Sea
  - Dam Safety
  - Resilient Infrastructure
- Forest Management/Wildfire legislation and funding

- West Wide Drought Legislation
- Infrastructure Bill - Including Water Projects
- Regulatory: Clean Water Act, Lead and Copper, PFAS
- Oppose Drinking Water Regulation by Legislation – PFAS
- Endangered Species Act (ESA) Implementation
- COVID-19 Relief

ACWA staff asked for feedback from members by January 5.

## ***Budget***

### *Fiscal Year 2021 Appropriations*

See above regarding the omnibus bill.

### *USDA Agricultural Research Service (ARS) Snow Research*

See above regarding ASO.

## ***Regulatory***

### *Regulatory Action in the Biden Administration*

The Waterkeeper Alliance is urging the incoming Biden administration to issue several Executive Orders (EOs) in its first 100 days to reverse controversial Trump Administration policies associated with the Clean Water Act (CWA), environmental justice, the National Environmental Policy Act (NEPA), and fossil fuels. The Waterkeeper Alliance five-point plan includes reversing President Trump's EO 13771, which directed all Federal agencies to repeal at least two existing regulations for each new regulation issued; EO 13778, which directed EPA and the USACE to change the definition of "Waters Of The United States" (WOTUS) as used in the Clean Water Act (CWA); EO 13783, which directed Federal agencies to review, rescind, and/or revise rules and agency actions that impede United States energy production; EO 13795, which directed the Commerce Department to assess the opportunity cost associated with potential energy and mineral exploration and production at national monuments and marine sanctuaries; and EO 13868, which directed EPA to reconsider CWA section 401 regulations governing states' control over water quality protections in Federal permits. The plan also recommends that President-elect Biden issue one or more EOs of his own to expedite "repairing the tragically broken definition of WOTUS and reform Federal environmental justice policies and enforcement.

The Trump White House released their biannual Unified Agenda, which outlines Federal regulatory activity for the next 12 months. With President Trump finishing up his term, the White House is using the release to highlight its deregulatory efforts. The release says the Administration achieved "record success" under EO 13771, which directed agencies to toss two regulations for each major new one. President-elect Joe Biden is expected to rescind that order.

### *Clean Water Act (CWA)*

The EPA released their guidance on the Supreme Court's (Court) decision in Maui. In *Maui*, the Court held that a discharge of pollutants to groundwater will be subject to the CWA's permitting requirements if it is the "functional equivalent" of a direct discharge to surface waters. The guidance reviews the criteria established in the case and adds an additional factor for determining whether a discharge will qualify – "the design and performance of the system or facility from which the pollutant is released." The guidance states:

- Pollutants at issue must reach surface waters that are subject to the CWA,

- Pollutants must have been discharged from a “point source” and,
- Pollutants need to flow through the groundwater in a manner and at a speed that is the functional equivalent of a direct discharge.

EPA will take public comment on the guidance for 30-days following its publication in the Federal Register.

In the opinion, the Court said a determination hinges on several factors, including time and the distance the pollution travels, as well as the nature of the material through which the contaminants move. Some indirect paths may have the ability to dilute or chemically alter pollution that travels through them. The Court added the term “functional equivalent” as a test for whether pollutants moving through groundwater to CWA jurisdictional “navigable waters” are a direct discharge into such waters.

### *Other*

The United States Fish and Wildlife Service (USFWS) announced that the monarch butterfly deserves ESA protection but will not be listed as “threatened” under the ESA due to other higher priority listing actions. The butterfly requires milkweed plants for reproduction and survival, but such plants have been on the decline due to changes in farming practices. With this decision, the monarch becomes a candidate for listing under the Endangered Species Act, and its status will be reviewed each year until it is no longer a candidate. The ESA provides for a warranted-but-precluded finding when the service does not have enough resources to complete the listing process because the agency must first focus on higher-priority listing rules. Warranted-but-precluded findings require subsequent review each year until the agency undertakes a proposal or makes a not-warranted finding. Nationwide, the agency has identified 161 higher priority species requiring ESA listing actions.

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

- December 2 – 3: ACWA Virtual Conference
- December 7: ACWA Agriculture Committee Meeting
- December 7: Weekly Meeting with Leadership Team
- December 8: KRCD Board Meeting
- December 9: Conversation with Steve Haze regarding SRCD SOI application and future collaboration
- December 9: Conversation with California Water Institute (CWI) regarding collaboration opportunities
- December 10: SAFER Workshop
- December 10: VAWC Annual Meeting
- December 11: TBWP Network Year-end Meeting
- December 14: SAFER Workshop
- December 14: Weekly Meeting with Leadership Team
- December 15: KRWA Executive Committee Meeting
- December 15: KRWQC Board Meeting
- December 17: Blueprint Large Group Meeting
- December 18: Conversation with Scott Hamilton Regarding San Joaquin Valley Blueprint
- December 21: Kings River Legislative Committee Planning Meeting
- December 28: Weekly Meeting with Leadership Team

## **California's Water Resilience Portfolio and the Water Blueprint for the San Joaquin Valley**

### **- Critical thinking leading to common purposes**

*Draft 11/4/20*

"California faces a range of water challenges, from severely depleted groundwater basins to vulnerable infrastructure to unsafe drinking water in many communities to uncertain water supplies for its cities and agriculture. Climate change magnifies the risk. There is widespread agreement that a coordinated portfolio of complementary actions is needed to build water resilience, ensure healthy waterways and meet long-term water needs."<sup>1</sup>

Governor Gavin Newsom signed an executive order on April 29, 2019, directing three state agencies to develop a comprehensive strategy to build a climate resilient water system and ensure healthy waterways through the 21st century. On July 28, 2020, the Governor released a final version of the Water Resilience Portfolio, the administration's blueprint to meet the water needs of California's communities, economy and environment as the climate changes.

The need for a thoughtful, coordinated portfolio of complementary action was the genesis of the Water Blueprint for the San Joaquin Valley (the Blueprint). The desires and objectives embodied in California's Water Resilience Portfolio align almost exactly, and not surprisingly, with the ambitions of the Blueprint. With its large but vulnerable agricultural industry, disadvantaged communities, depleted ecosystems and restricted flood management opportunities, the Valley's future depends in large part on its water supply future and its ability to cope with climate change. The concerns and challenges for future water management for the state are exemplified in the San Joaquin Valley. To illustrate the similarities between initiatives, we compare the objectives of the two efforts below, and illustrate how the principles underlying the Resilience Portfolio are being implemented in the Blueprint.

The Blueprint is a process, not a plan. The goals of the Blueprint will bend and adapt as more information is obtained, more studies conducted, and as public outreach continues and public feedback is obtained. Therefore, what is presented below reflects the Blueprint's objectives as they exist currently, although these are expected to change over time.

<sup>1</sup> Frequently Asked Questions About the Water Resilience Portfolio July 2020  
[https://waterresilience.ca.gov/wp-content/uploads/2020/07/WaterResiliencePortfolio\\_Factsheet\\_July2020.pdf](https://waterresilience.ca.gov/wp-content/uploads/2020/07/WaterResiliencePortfolio_Factsheet_July2020.pdf)

## Goals and Actions

	State Objectives	Blueprint Objectives:
1	<b>Maintain and diversify water supplies:</b> State government will continue to help regions reduce reliance on any one water source and diversify supplies to enable flexibility as conditions change. Diversification will look different in each region based on available water resources, but it will strengthen water security and reduce pressure on river systems across the state.	<ul style="list-style-type: none"> <li>● Maximize use of local supplies;</li> <li>● Greatly expand groundwater recharge to help reduce damaging flood flows, enhance drought protection and achieve groundwater sustainability utilizing the state's biggest reservoir (the SJV groundwater basin);</li> <li>● Use a small percentage of surplus high flows from the Delta at times that will not harm the already stressed Delta ecosystem.</li> </ul>
2	<b>Protect and enhance natural ecosystems:</b> State leadership is essential to restore the environmental health of many of our river systems in order to sustain fish and wildlife. This entails effective standard setting, continued investments, and more adaptive, holistic environmental management.	<ul style="list-style-type: none"> <li>● Implement an environmental vision that protects and enhances wetlands, upland and riparian habitats through a system of core wildlife areas and connective corridors;</li> <li>● Implement multi-benefit projects such as development of seasonal wetlands that provide waterfowl habitat, groundwater recharge and water supply supplementation for DACs;</li> <li>● Restore floodplain habitat to reduce flood damage and restore ecosystem processes, including food generation and rearing habitat for native fish;</li> <li>● Deliver over 200,000 acre feet into the San Joaquin Valley for environmental purposes.</li> </ul>
3	<b>Build connections:</b> The state aims to improve physical infrastructure to store, move, and share water more flexibly and integrate water management through shared use of science, data, and technology.	<ul style="list-style-type: none"> <li>● Recognizing that California has always had regional imbalances between water supplies and beneficial uses, develop the most extensive conveyance system in the last 60 years, leveraging capacity in existing, but seasonally under-utilized, conveyance facilities;</li> <li>● By connecting multiple sources of water, deliver water from areas with surplus to areas with critical demand: existing and new wildlife areas, DAC's and highly productive farmland.</li> </ul>
4	<b>Be prepared:</b> Each region must prepare for new threats, including flashier floods, deeper droughts, and hotter temperatures. State guidance will enable preparation, protective actions, and adaptive management to weather these stresses.	<ul style="list-style-type: none"> <li>● Protect against longer and more severe droughts by building groundwater supplies through increased recharge;</li> <li>● Protect against flooding by increasing recharge capacity and restoring floodplains;</li> <li>● Build partnerships with state and federal agencies and other stakeholders to achieve the above goals.</li> </ul>



## The Governor's order identified seven principles on which to base this portfolio

	Principle	Examples of how the principles are being implemented in the Blueprint:
1	Prioritize multi-benefit approaches that meet several needs at once	<ul style="list-style-type: none"> <li>• Development of multi-benefit wetlands that provide habitat, groundwater recharge, water supplies for DACs and flood protection</li> </ul>
2	Utilize natural infrastructure such as forests and floodplains	<ul style="list-style-type: none"> <li>• Recharge in existing dry stream beds to recharge aquifers and restore riparian habitat.</li> </ul>
3	Embrace innovation and new technologies	<ul style="list-style-type: none"> <li>• New fish friendly diversions in the Delta that allow diversions while protecting endangered fish;</li> <li>• New recharge technology including flood managed aquifer recharge (Flood MAR) and aquifer storage &amp; recovery (ASR)</li> <li>• Electromagnetic surveys to identify the best places for groundwater recharge</li> </ul>
4	Encourage regional approaches among water users sharing watersheds	<ul style="list-style-type: none"> <li>• The Blueprint covers a dozen groundwater subbasins, is regionally cooperative, has inter-basin coordination to develop diversion and conveyance facilities, and manage floods.</li> </ul>
5	Incorporate successful approaches from other parts of the world	
6	Integrate investments, policies, and programs across state government	<p>To achieve state and Blueprint goals, the Blueprint needs to work with:</p> <ul style="list-style-type: none"> <li>• SWRCB on water rights</li> <li>• DWR on conveyance and flood management, implementation of the Resilience Portfolio and SGMA</li> <li>• DSC on new Delta solutions</li> <li>• ACOE on flood protection</li> <li>• CDFW on development of new wildlife areas and associated water supplies, and wildlife protections</li> <li>• The Central Valley Flood Protection Board on flood protection</li> <li>• The Water Commission on funding</li> <li>• The Department of Conservation on habitat conservation and wildlife management</li> </ul>
7	Strengthen partnerships with local, federal and tribal governments, water agencies and irrigation districts, and other stakeholders.	<p>The Blueprint is a coalition of more than 60 willing participants that include: grower organizations, county governments, landowners, water districts, county farm bureaus and the USBR. Over the next year the Blueprint would like to extend its outreach to DACs and NGOs to obtain their input and advice to further the Blueprints goals.</p>

***San Joaquin Valley Water Collaborative Action  
Draft Vision Statement***

*Ensuring a sustainable and resilient water supply for the San Joaquin Valley for multiple benefits by improving the Valley's well-being; securing safe, reliable, and affordable access to water for drinking; supporting farms, ranches and communities; and achieving thriving ecosystems. To implement this vision for the Valley, interests from all perspectives must build trust through greater understanding of the problems and opportunities we face. Establishing trust gives us an opportunity to collaborate on creative solutions to multiple integrated challenges of water and land management in the San Joaquin Valley. A broad partnership supporting creative solutions makes feasible what is otherwise infeasible.*

November 19, 2020

To: Plenary Group  
 From: Co-Chairs Buzz Thompson and Ashley Swearengin  
 Subject: San Joaquin Valley Water Collaborative Action Update

Members of the Plenary Group:

We are writing to update you on activities of the San Joaquin Valley Water Collaborative Action Program during the past two months. On September 21, when we met as a Stanford University Uncommon Dialogue, we took the first step toward creating what we now call the San Joaquin Valley Water Collaborative Action Program (SJVWCAP). More than 50 participants attended the zoom event, representing key interest groups that do not always talk to each other: safe drinking water and DAC advocates, growers and the ag industry, water agencies, local government, and environmental NGOs. All the interest groups (or caucuses) had something constructive to say. Some important decisions were made that day. We decided unanimously to:

- move forward with a Valley-wide collaborative action program
- create a smaller, nimbler Planning Group
- develop a draft “problem statement” as the basis for a subsequent comprehensive solution set
- search for a professional facilitator and
- work together to raise funds for the effort.

We are moving forward on all the action items as reported below.

### **Interim Governance**

Based on the discussion on September 21, an interim governance structure is now in place. It includes a Plenary Group, Steering Group, and Planning Group. This organizational structure will get us through the first stage of the collaborative to the selection of a facilitator and completion of a problem statement and initial solution set. At that time, we may want to consider modifications to the organizational structure.

- **The Plenary Group** is a “Big Tent” consisting of the September 21 attendees and some new additions. It is a consensus-oriented decision-making body with more than 50 members. Membership in the Plenary Group can grow. Candidates for the body should be submitted to the Steering Group for a decision on membership to assure that new members share the objective of moving the collaborative forward. (Attachment A provides a current roster of the Plenary Group)
- **The Steering Group** is intended to organize the agenda and meeting materials for Plenary Group meetings. The 10-member Steering Group is chaired by the co-chairs of

the Plenary Group. Other members include Tim Quinn, Bill Blomquist, Laura Ramos, Tommy Esqueda, and representatives of the caucuses (Austin Ewell, Eric Averett, Ann Hayden, and Amanda Monaco).

- **The Planning Group** is where much of the work will get done. It is convened by Tim Quinn (until a facilitator is selected) and has 20 members with each caucus represented by 4 members. (Attachment B provides a current roster of the Planning Group). At this time, the Planning Group is charged with several key activities, including drafting a Vision Statement and Problem Statement for ultimate approval by the Plenary and jumpstarting the facilitator selection process.

### **Vision Statement**

Four volunteers, one representing each caucus in the Planning Group, is drafting a short and sweet vision statement for SJVWCAP. The draft should be available for review, modification, and approval by the Planning and Plenary Groups during their next meetings. Thanks to Amanda Monaco, Jack Rice, Austin Ewell, and Cam Tredennick!

### **Problem Statement**

Developing a Problem Statement is a prudent early deliverable. Currently, each caucus in the Planning Group is developing a description of problems and challenges they face in the status quo from their perspective. These drafts will be shared and discussed by the Planning Group as a whole and then be merged into a single problem statement for the collaborative program. Developing the problem Statement will require each caucus to recognize the legitimacy of the problems and challenges confronting other caucuses. The final Problem Statement will include a first-round assessment of a solution set with the potential to resolve identified problems and challenges. Ultimately, the Problem Statement and initial solution set will be the basis for moving to a comprehensive, Valley-wide plan that addresses all the water challenges in a comprehensive, integrated solution set that is supported by each caucus and by the collaborative as whole. The Problem Statement will likely take several months to produce. We will keep the Plenary Group informed of developments and it will have the ultimate approval authority.

### **Facilitator Selection**

At its first meeting, the Planning Group agreed to the creation of an 8-member Facilitator Selection Committee to select a facilitator (or a team of facilitators). It is chaired by the co-chairs and includes Tim Quinn, Laura Ramos, and representatives from the caucuses (Jason Phillips, Sarah Clark-Woolf, Ann Hayden, and Amanda Monaco). An RFP for facilitation services has been prepared and we have identified at least five candidate facilitators. (More may be added). We expect to conduct Zoom interviews with select candidates and select a facilitator by January 2021. A final decision will be made by unanimous consent of the Facilitator Selection Committee.

**Finance Committee**

A Finance Committee co-chaired by Austin Ewell and Ann Hayden is exploring funding opportunities for the collaborative action program. Funding has been divided into two phases. Phase 1 covers the next few months to select a facilitator and complete the problem statement and initial solution set. Phase 2 will cover the development of a collaborative, comprehensive water action plan for the Valley. Currently, the Finance Committee is focusing on raising funds for Phase 1 to cover expenses for facilitation, support for community organizations to engage in the process, and administration.

**“Lightning Rounds”**

The plenary group also decided to conduct a series of Zoom “lightning rounds” intended to share information about innovative projects under development in the Valley (and perhaps elsewhere) and, perhaps more important, to continue building relationships of trust among the participants. Given the press of other priorities, we are just getting around to organizing the Lightning Rounds. As reported previously, several candidate projects have already been identified, including collaborative projects to assure that water management actions generate safe drinking water benefits for DACs and partnerships among Valley water agencies and environmental NGOs. If you have ideas of innovative projects to suggest for a lightning round, please send them to Laura Ramos or Tim Quinn. We are planning on having the first lightning round as part of a Plenary Group Meeting in December.

**Administrative Support**

Lastly, we want to acknowledge the hard work being done by Laura Ramos and her staff at the California Water Institute of California State University, Fresno. Laura stepped forward to work with Tim Quinn and keep us organized. Currently, Laura is working on scheduling meetings of the Plenary and Planning Groups in December. With all these calendars of very busy people, Laura sometimes has a thankless job. So, when you receive emails from Laura or CWI, please respond to them expeditiously.

As you can tell, we have been busy. None of this will be easy. In fact, as Tim often reminds us: “War is easy. Collaboration is hell.” But collaboration is the only way to forge durable and sound policies to resolve the complex web of water challenges facing the Valley today. This collaborative train could easily slide off the tracks. We should all be willing to go through the hard work and compromises that will assure that it stays on track.

Best regards,

Ashley Swearengen  
Chief Executive Officer  
Central Valley Community Foundation

Buzz Thompson  
Faculty Director  
Stanford Water in the West Program

This document summarizes the highlights of the December 11, 2020 meeting of the Planning Group with an emphasis on the actions the Group agreed to. The meeting was convened by Tim Quinn and 16 members participated, representing all the interest groups/caucuses. The four caucuses are: Safe Drinking Water and DACs; Environmental NGOs; Growers and the Agricultural Industry; and Water Agencies. Comments and clarifications from participants relating to this summary are encouraged. A copy of the agenda for the meeting was included in your meeting packet.

### **Report**

The meeting was highly successful. The participants were open and engaged with each other. It appears that we are making progress building relationships of trust. Aside from information items, the Planning Group took action in several key areas.

**1) Vision Statement.** The Planning Group reviewed a draft Vision Statement, crafted by Amanda Monaco, Jack Rice, Cam Tredennick, and Austin Ewell (one representative from each caucus). The draft provided an excellent place to start. All participants agreed with the underlying messages of the draft Vision Statement: that the status quo is not working for any interest group and that collaboration is the best way to move forward. The Group spent about 20 minutes suggesting edits to improve the clarity of the document. It was a very collegial and productive discussion. The Planning Group unanimously agreed to the final document and to forward the Vision Statement to the December 17, 2020 meeting of the Plenary Group for action. (The Vision Statement is attached to the Plenary Group meeting notice you received on Friday).

**2) Draft Problem Statement Elements.** At the October 21, 2020 meeting of the Planning Group, the members requested that each of the caucuses work with caucus members to draft a document that summarizes the challenges faced by each caucus from their perspective. Draft problem statement elements were received prior to the Planning Group meeting from the Environmental, Ag, and Water Agency caucuses and forwarded to Planning Group members. The Safe Drinking Water Caucus is still working on their draft, which should be available next week. A representative of each caucus (including the Safe Drinking Water Caucus) summarized their caucus' perspectives regarding the problems and challenges they face in the status quo. The drafts were not surprisingly very different from one another. After considerable discussion, the Planning Group members agreed that, despite the differences, all the caucus drafts had some significant common features. These include:

- All caucuses perceive that they have been victimized by past water resource policies.
- No caucus is satisfied with the status quo; inaction threatens each caucus with grave risks.
- Each caucus recognizes that its well-being is tied to the other caucuses.
- All caucuses see the value of collaboration as an effective, and maybe the only, path to improve their situation.

This common ground among the caucus perceptions of the status quo augurs well for working together on a common problem statement. The Planning Group members agreed that each caucus should identify one or two drafters to work with the facilitator(s) when they are onboard to integrate the drafts into a single problem statement satisfactory to all caucuses. Like the Vision Statement, the consolidated draft would be reviewed and modified by the Planning Group and sent to the Plenary Group for final approval.

**3) Adding to the Planning Group Membership.** Laura Ramos reviewed the new members in the Plenary Group. After discussion, the Planning Group Members agreed that they should consider adding new members strategically. Two types of new members were discussed. First, an additional Safe Drinking Water and DAC member to replace Sam Hedges, who resigned from SJWCAP due to

competing demands on his time. Second, one or more members with flood management expertise because members recognize that flood management will certainly be related to implementation of a solution set in the future.

**ATTACHMENT A**  
**Uncommon Dialogue Plenary Group**  
**By Interest Group**

Name		Organization	Email
<b>Safe Drinking Water</b>			
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**Attachment B**  
**Uncommon Dialogue Planning Group**  
**By Interest Group**

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<b>Other</b> Bill Blomquist Tommy Esqueda Laura Ramos Josh Viers	Indiana University City of Fresno Fresno State UC Merced	<a href="mailto:blomquist@iupui.edu">blomquist@iupui.edu</a> <a href="mailto:esquedatc@gmail.com">esquedatc@gmail.com</a> <a href="mailto:lramos@csufresno.edu">lramos@csufresno.edu</a> <a href="mailto:jviers@ucmerced.edu">jviers@ucmerced.edu</a>

December 18, 2020

Comment letter submitted via electronic commenting system

The Honorable David Hochschild, Chair  
California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814

The Honorable Mary Nichols, Chair  
California Air Resources Board  
1001 I Street  
Sacramento, CA 95814

The Honorable Liane Randolph, Commissioner  
California Public Utilities Commission  
505 Van Ness Ave,  
San Francisco, CA 94102

**Re: Association of California Water Agencies' Comments on Draft SB 100 Report**

Dear Interagency Principals of the SB 100 Report,

The Association of California Water Agencies (ACWA) appreciates the opportunity to provide public comments to the California Energy Commission (CEC), California Air Resources Board (CARB), and California Public Utilities Commission (CPUC) [Joint Agencies] for the Draft 100 Joint Agency Report (Draft Report) and applauds staff for all of the hard work that has gone into developing the Draft Report over the last fifteen months. ACWA represents more than 460 public water agencies that collectively deliver approximately 90 percent of the water in California for domestic, agricultural, and industrial uses.

ACWA sees water agencies as key partners in the State's clean energy goals as the State works to achieve the framework set in SB 100. Water agencies could play an important role in improving reliability, both in the short term ahead of Summer 2021 when similar heat storm conditions are expected to resemble August 2020 and over the long term. For decades, local water agencies have been actively contributing to the State's clean energy supply. ACWA members have implemented a wide range of renewable and zero-carbon energy projects, including small and large hydropower, biogas, microturbines, geothermal, wind, energy storage, and photovoltaic solar. In addition, ACWA members have participated in a combination of energy efficiency, demand-side management, and peak-use reduction programs. These projects and programs have helped make water more affordable for their customers, while contributing to the achievement of the State's greenhouse gas emissions reduction goals. The Preliminary Root Cause Analysis (Root Cause Analysis) released by CPUC, CEC, and the California Independent Service Operator, and the recent adoption of the Order Instituting Rulemaking 20-11-003 (OIR) on electric reliability drive home the need for an "all tools in the toolkit" approach for these pressing issues. ACWA stands ready to work with the Interagency Principals, staff, and

diverse stakeholders on this high priority effort. Public water agencies can be key partners as they have played, and will continue to play, a significant role in decarbonizing California's economy in a safe, reliable and equitable manner.

In response to the Draft Report, ACWA submits the following comments:

**Comment 1- ACWA Supports Draft Report inclusion of Large Hydropower amongst SB 100 Eligible Zero-Carbon Resources, and encourages further consideration of Hydropower for accomplishing SB 100 Goals.**

ACWA applauds the inclusion of existing large hydropower amongst the eligible zero-carbon resources in the Draft Report to achieve California's SB 100 goals by 2045. Hydropower is a valuable clean energy resource for meeting the State's power needs and improving energy grid reliability. Hydropower resources, both small and large, can be coupled with other clean energy resources, such as wind and solar, to maintain system reliability during normal and stressed system conditions. Currently, many public water agencies in California generate clean hydroelectric power with the water they deliver to farms, communities and the environment. Public water agencies have the ability to quickly increase hydropower generation when additional power is needed. Hydropower resources played an important role in providing additional power during the power outages on August 14-15 this year.

ACWA encourages continued consideration of hydropower in future SB 100 reports. To reiterate from ACWA's previous letter, and as noted by Ammon Danielson of Western Area Power Administration during the December 4 workshop, both small and large hydropower will be essential for meeting the State's power needs, including: baseload, peak load, ramping and resource adequacy. The recent heatwave highlighted that blackouts are a concern when experiencing increasing temperatures because of climate change. The demand for energy increases with rising temperatures. When solar generation drops off after sundown, a diverse portfolio of clean energy resources, including small and large hydropower, is essential for ensuring energy grid reliability. Hydropower resources, both small and large, can aid in maintaining system reliability during both normal and stressed system conditions.

**Comment 2- ACWA supports the proposed approaches for Demand Flexibility, Storage, and Natural and Working Lands.**

ACWA supports the focus in the Draft Report on demand flexibility as we believe the water and wastewater sectors are well-positioned to provide over-generation mitigation. During ACWA's recent Fall Conference, CPUC President Batjer noted her appreciation for the water sector being amenable to supplying backup power when the State was "dialing for megawatts", and CEC Commissioner McAllister encouraged further collaboration with water agencies on the value proposition of demand flexibility. Public water agencies quickly responded to energy shortages during the recent state of emergency in August 2020 by increasing their generation of hydropower resources to help meet the State's demand and can be ready to be ready to increase generation and reduce demand for similar conditions in the future. For example, Valley Center Municipal Water District was called upon by San Diego Gas & Electric to run a 2 MW backup emergency generator. Many water and wastewater utilities routinely minimize use of electricity during summer on-peak (high electric price) periods. Clear communication and an enhanced understanding of the electric reliability support is needed, and will greatly enhance

opportunities for synergies between the water and energy sectors. As noted in the Root Cause Analysis and OIR, an enhanced emphasis on demand flexibility will be critical for the upcoming summer to better prevent power outages during predicted heat storms.

ACWA supports the focus in the Draft Report on an enhanced need for energy storage to support a diverse portfolio of intermittent energy sources. Local water agencies are moving the needle with investments to develop energy storage projects, including battery storage, pumped storage and bulk storage, for on-site or grid-level electric reliability that are cost-effective and economically viable for water agency customers. While most existing pumped storage capacity in California is concentrated in a few California counties, there is opportunity to expand throughout the State via water and wastewater systems as virtual batteries and self-generation resources. Additionally, many water and wastewater agencies have substantial self-generation facilities that convert solar, wind, biogas, and flowing water to electricity. Combined with electric batteries and/or fuel storage, these self-generation assets could potentially be operated to increase water sector grid intersections.

ACWA supports the approach in the Draft Report on Natural and Working Lands as a resilient venue for carbon sequestration. ACWA encourages cost-effective sustainability programs and multi-benefit projects such as conserving energy and water and adapting to the impacts of climate change. Focus must be on multi-benefit projects that provide “win-win scenarios” for all stakeholders.

### **Comment 3- ACWA encourages more rapid action on Transmission Planning and Process.**

ACWA supports the Draft Report recommendation to align SB 100 efforts with current State efforts, and more specifically encourages more action towards bringing new transmission infrastructure online to support incorporation of new SB 100 eligible energy resources onto the energy grid. This effort, through the Transmission Planning Process of CPUC and CAISO, is timely ahead of what is forecasted to be another difficult summer as climate change has thrust California into a new normal. This is a crucial step to ensure that new and varied generation resources can come online where energy is to be consumed, and meet State-led GHG reduction targets. Additional transmission assets will reduce congestion within the existing system, and ensure that supply is successfully delivered to end-use customers. ACWA has advocated on the need for a diverse portfolio of energy resources, and storage; additional investment in transmission is also a part of this mix.

### **Conclusion**

As previously mentioned, ACWA stands ready to work with the Interagency Principals, staff, and diverse stakeholders on this high priority effort. Public water agencies can be key partners as agencies have played, and will continue to play, a significant role in decarbonizing California’s economy in a safe, reliable and equitable manner.

ACWA appreciates the diligent work by staff across the CEC, CARB and CPUC. We thank you for the opportunity to comment and look forward to working with you and your staff. Additionally, we once again want to offer our thanks to CPUC President Batjer, CEC Commissioner McAllister, and CARB Deputy Executive Officer Edie Chang for participating in our Fall Conference to discuss SB 100 in a panel discussion. We see that as a great continuation of the conversation between

the water sector and Joint Agencies. Please do not hesitate to contact me at [nickb@acwa.com](mailto:nickb@acwa.com) or (916) 441-4545 if you have any questions regarding ACWA's input.

Sincerely,



Nicholas Blair  
Regulatory Advocate

cc: The Honorable Marybel Batjer, President, California Public Utilities Commission  
The Honorable J. Andrew McAllister, Commissioner, California Energy Commission  
Mr. Drew Bohan, Executive Director, California Energy Commission  
Mr. Richard Corey, Executive Director, California Air Resources Board  
Mr. Dave Eggerton, Executive Director, Association of California Water Agencies  
Ms. Cindy Tuck, Deputy Executive Director for Government Relations,  
Association of California Water Agencies





**TULARE BASIN WATERSHED PARTNERSHIP NETWORK CONCEPTUAL PILOT PROJECT #1:  
SEQUOIAS TO THE SLOUGHS DEER CREEK RIPARIAN CORRIDOR**

The Tulare Basin Watershed Partnership Network (TBWPN) participants work together in innovative ways to advance socio-economic and watershed resilience, and climate variability adaptation in the Kings, Kaweah, Tule and Kern River watersheds. One way that such resilience could be attained and sustained is through creation of an interconnected system of protected and compatible working areas headwaters to groundwater on these watersheds and smaller connecting watersheds. A successful example of this elsewhere in California is the French Meadows Project in Placer County (*French Meadows Lessons Learned, 2019* pdf attached.) Criteria for TBWPN project selection could include: TBWPN Charter Elements alignment (Purpose, Scope of Work, Guiding Principles ); multi-purpose and all socio-economic sectors benefits provision; upper-lower watershed connections requiring multi-partner collaboration; willing partners; and fundability, feasibility, replicability or adaptability to other regional watersheds.

The Sequoias to the Sloughs Deer Creek Riparian Corridor conceptual project located in Southwest Tulare County meets the criteria proposed above and merits the attention of the TBWPN participants for consideration as a pilot project. It is a sub-watershed of the Tule River watershed (see map attached), with headwaters in Sequoia National Forest that connect through foothill–lower watershed working lands to the Lower Tule River/Pixley Irrigation Districts’ Groundwater Sustainability Agency area, Pixley National Wildlife Refuge, Colonel Allensworth Historic State Park, California Fish and Wildlife Allensworth Ecological Reserve, Bureau of Land Management Atwell Island Project and the historic Tulare Lake Ton Tache wetlands.

Deer Creek is one of the few remaining undammed streams remaining in California, which enables it to serve natural ecosystem functions that benefit the needs of wildlife and working lands. Its selection as a TBWPN project would enable the TBWPN to “learn by doing” on a smaller watershed and could include invasive species (e.g. arundo) eradication as an added benefit. Potential project partners already in place or likely to join due to past and recent contact history by the Tulare Basin Wildlife Partners/Tulare Basin Watershed Partnership include: Sequoia National Forest, Sequoia Riverlands Trust, selected private working land-owners, USDA Natural Resources Conservation Service, California Department of Fish and Wildlife/California Wildlife Conservation Board, US Fish & Wildlife Service Pixley National Wildlife Refuge, Lower Tule River and Pixley Irrigation Districts, Colonel Allensworth Historic State Park, Tulare County, Bureau of Land Management, Deer Creek Storm Water District, Angiola Water District, Allensworth Progressive Association, Citizens for a Better Alpaugh and the Ton Tache Yokut Tribe.



# Kings River Federal Legislative Tracker

Last Updated: January 05, 2021

## 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 (0)

No bills to show.

### Kings River - Corps of Engineers (3)

Bill Number	Last Action	Status
S 3591	By Senator Barrasso From Committee On Environment And Public Works Filed Written Report Report No 116 288 2020 11 09	Failed sine die

**Title**  
America's Water Infrastructure Act of 2020

**Primary Sponsors**  
John Barrasso

**Bill Summary:** 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.

**Introduction Date:** 2020-05-04

#### Organizational Notes

Last edited by Kristi More at Jul 6, 2020, 9:41 PM  
#TFGWater Bill included as part of Senate WRDA reauthorization.

Bill Number

S 3590

Last Action

By Senator Barrasso From Committee On  
Environment And Public Works Filed Written  
Report Report No 116 284 2020 10 23

Status

Failed sine die

#### Title

Drinking Water Infrastructure Act of 2020

#### Primary Sponsors

John Barrasso

**Bill Summary:** 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.

**Introduction Date:** 2020-05-04

#### Organizational Notes

Last edited by Kristi More at Jul 6, 2020, 9:42 PM  
#TFGWater Bill included as part of Senate WRDA reauthorization.

Bill Number

HR 7575

Last Action

Received In The Senate 2020 07 30

Status

Failed sine die

#### Title

Water Resources Development Act of 2020

#### Primary Sponsors

Peter DeFazio

**Bill Summary:** Last edited by TFG Reports at Aug 6, 2020, 9:04 PM  
This bill authorizes the study and construction of locally-driven projects that were developed in cooperation and consultation with the U.S. Army Corps of Engineers. The bill authorizes the construction of all 34 pending Corps Chief's Reports, 35 feasibility studies, five comprehensive river basin studies, and directs the Corps to expedite the completion of 41 feasibility studies.

**Introduction Date:** 2020-07-13

### Kings River - Reclamation (16)

Bill Number

HR 5347

Last Action

Committee On Energy And Commerce  
Discharged 2020 12 18

Status

Failed sine die

#### 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 4891

Last Action

Committee On Science Space And Technology  
Discharged 2020 12 18

Status

Failed sine die

**Title**

Western Water Security Act of 2020

**Primary Sponsors**

Xochitl Torres Small

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

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.

**Introduction Date:** 2019-10-28

**Organizational Notes**

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

HR 3723

Last Action

Committee On Science Space And Technology  
Discharged 2020 12 18

Status

Failed sine die

**Title**

Desalination Development Act

**Primary Sponsors**

Mike Levin

**Bill Summary:** Last edited by TFG Reports at Jul 1, 2020, 5:20 PM

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.

**Introduction Date:** 2019-07-11

**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 8166

Last Action

Referred To The Subcommittee On Water  
Oceans And Wildlife 2020 09 10

Status

Failed sine die

**Title**

Western Water Storage Infrastructure Act

**Primary Sponsors**

TJ Cox

**Bill Summary:** Last edited by TFG Reports at Sep 8, 2020, 7:13 PM

This bill authorizes \$800 million for surface and groundwater storage and conveyance projects. The bill also extends the operational and environmental authorities of the WIIN Act to provide continued water supply benefits without adverse impacts to listed species.

**Introduction Date:** 2020-09-04

Bill Number

HR 8041

Last Action

Referred To The Subcommittee On Water  
Oceans And Wildlife 2020 09 04

Status

Failed sine die

**Title**

Snow Water Supply Forecasting Program Authorization Act

**Primary Sponsors**

Josh Harder

**Bill Summary:** Last edited by TFG Reports at Sep 8, 2020, 7:12 PM

This bill would establish an airborne snow observatory (ASO) and measurement program within the Department of the Interior. The bill would establish a program and provide a total of \$15 million for fiscal years 2022 to 2026.

**Introduction Date:** 2020-08-14

**Organizational Notes**

Last edited by Kristi More at Oct 8, 2020, 4:30 PM

#kingsriver The Kings River Conservation District endorsed H.R. 8041 at introduction.

Bill Number

S 4530

Last Action

Read Twice And Referred To The Committee  
On Energy And Natural Resources Sponsor  
Introductory Remarks On Measure Cr S 5410  
2020 08 13

Status

Failed sine die

**Title**

Snow Water Supply Forecasting Program Authorization Act

**Primary Sponsors**

Dianne Feinstein

**Bill Summary:** Last edited by TFG Reports at Aug 14, 2020, 10:40 PM

This bill establishes an airborne snow observatory (ASO) and measurement program within the Department of the Interior.

**Introduction Date:** 2020-08-13

**Organizational Notes**

Last edited by Kristi More at Oct 8, 2020, 4:32 PM

#kingsriver The Kings River Conservation District endorsed H.R. 4530 at introduction.

Bill Number

HR 7482

Last Action

Referred To The Subcommittee On  
Conservation And Forestry 2020 08 13

Status

Failed sine die

**Title**

Future of Agricultural Resiliency And Modernization Act

**Primary Sponsors**

Josh Harder

**Bill Summary:** 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.

**Introduction Date:** 2020-07-02



Bill Number

S 4188

Last Action

Committee On Energy And Natural Resources  
Subcommittee On Water And Power Hearings  
Held 2020 07 22

Status

Failed sine die

**Title**

Water for Tomorrow Act of 2020

**Primary Sponsors**

Kamala Harris

**Bill Summary:** Last edited by TFG Reports at Jul 9, 2020, 3:32 PM

This bill would provide for drought preparedness and improved water supply reliability, and for other purposes.

**Introduction Date:** 2020-07-02

Bill Number

S 4189

Last Action

Committee On Energy And Natural Resources  
Subcommittee On Water And Power Hearings  
Held 2020 07 22

Status

Failed sine die

**Title**

Water for Conservation and Farming Act

**Primary Sponsors**

Ron Wyden

**Bill Summary:** Last edited by TFG Reports at Jul 9, 2020, 3:33 PM

This bill would provide for drought preparedness and improved water supply reliability.

**Introduction Date:** 2020-07-02

Bill Number

S 3811

Last Action

Committee On Energy And Natural Resources  
Subcommittee On Water And Power Hearings  
Held 2020 07 22

Status

Failed sine die

**Title**

Restoration of Essential Conveyance Act

**Primary Sponsors**

Dianne Feinstein

**Bill Summary:** Last edited by TFG Reports at Jun 1, 2020, 7:59 PM

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.

**Introduction Date:** 2020-05-21

**Organizational Notes**

Last edited by Kristi More at Jul 9, 2020, 6:40 PM

#TFGWater Provisions in this bill are essentially the same as those included in HR 5752 (Costa) and HR 5316 (Cox).

Bill Number

HR 2

Last Action

Received In The Senate 2020 07 20

Status

Failed sine die

**Title**

Moving Forward Act

**Primary Sponsors**

Peter DeFazio

**Bill Summary:** 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

**Introduction Date:** 2020-06-11

**Organizational Notes**

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

HR 6617

Last Action

Referred To The Subcommittee On Water  
Oceans And Wildlife 2020 04 29

Status

Failed sine die

**Title**

Western Water Storage Infrastructure Act

**Primary Sponsors**

TJ Cox

**Bill Summary:** 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.

**Introduction Date:** 2020-04-24

Bill Number

HR 2473

Last Action

Subcommittee On Water Oceans And Wildlife  
Discharged 2020 03 11

Status

Failed sine die

**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 5316

Last Action

Committee Consideration And Mark Up  
Session Held 2020 02 12

Status

Failed sine die

**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  
HR 5217

Last Action  
Referred To The Subcommittee On  
Conservation And Forestry 2019 12 11

Status  
Failed sine die

Title  
WOW Act

Primary Sponsors  
Tom McClintock

**Bill Summary:** 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.

**Introduction Date:** 2019-11-21

Bill Number  
S 1932

Last Action  
Committee On Energy And Natural Resources  
Senate Subcommittee On Water And Power  
Hearings Held 2019 07 18

Status  
Failed sine die

Title  
Drought Resiliency and Water Supply Infrastructure Act

Primary Sponsors  
Cory Gardner

**Bill Summary:** 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.

**Introduction Date:** 2019-06-20

#### Organizational Notes

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.

Bill Number

HR 133

Last Action

Signed By President 2020 12 27

Status

Enacted

**Title**

Consolidated Appropriations Act, 2021

**Introduction Date:** 2019-01-03

**Primary Sponsors**

Henry Cuellar

**Organizational Notes**

Last edited by Kristi More at Jan 5, 2021, 12:53 AM

#kingsriver Package included all final FY 2021 appropriations bills, Covid-19 relief legislation, the Water Resources Development Act of 2020, and the Energy Bill of 2020. Reclamation provisions in the bill included authorization of the Airborne Snow Observation Program.

Bill Number

HR 1162

Last Action

Reported Amended By The Committee On  
Natural Resources H Rept 116 667 2020 12 18

Status

Failed sine die

**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

S 2657

Last Action

S Amdt 2675 Senate Amendment Submitted  
2020 09 30

Status

Failed sine die

**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



Bill Number

HR 7978

Last Action

Referred To The Subcommittee On Water  
Oceans And Wildlife 2020 09 24

Status

Failed sine die

**Title**

Emergency Wildfire and Public Safety Act of 2020

**Primary Sponsors**

Jimmy Panetta

**Bill Summary:** Last edited by TFG Reports at Sep 17, 2020, 8:55 PM

This bill is the House companion bill to S. 4431, the Emergency Wildfire and Public Safety Act.

**Introduction Date:** 2020-08-07

Bill Number

S 4431

Last Action

Committee On Energy And Natural Resources  
Subcommittee On Public Lands Forests And  
Mining Hearings Held 2020 09 16

Status

Failed sine die

**Title**

Emergency Wildfire and Public Safety Act of 2020

**Primary Sponsors**

Dianne Feinstein

**Bill Summary:** Last edited by TFG Reports at Sep 17, 2020, 8:54 PM

This bill will provide new authority for the Forest Service and Bureau of Land Management to work collaboratively with state partners in the West to implement wildfire management projects. The bill will also allow disaster mitigation and preparedness funding to be used to reduce the wildfire risk posed by utility lines and expedite permitting for the installation of wildfire detection equipment. The legislation will create a program to incentivize the collection of woody biomass and help expand processing facilities to make biomass more economically viable; and create a workforce development program to train a new generation of workers to help address wildfire and forest health, among other provisions.

**Introduction Date:** 2020-08-04

Bill Number

HR 8217

Last Action

Referred To The Subcommittee On Water  
Resources And Environment 2020 09 14

Status

Failed sine die

**Title**

WIFIA Improvement Act of 2020

**Primary Sponsors**

John Garamendi

**Bill Summary:** Last edited by TFG Reports at Sep 15, 2020, 10:31 PM

The bill would provide a new 55-year loan term for WIFIA financing and clarifies that WIFIA financing may be used for works that were constructed by the federal government but were contractually transferred to be operated and maintained by a local non-federal agency.

**Introduction Date:** 2020-09-11

**Organizational Notes**

Last edited by Kristi More at Oct 2, 2020, 11:37 PM

#kingsriver The Kings River Conservation District endorsed H.R. 8217 at introduction.

Bill Number

HR 7617

Last Action

Received In The Senate And Read Twice And  
Referred To The Committee On  
Appropriations 2020 08 12

Status

Failed sine die

**Title**

Defense, Commerce, Justice, Science, Energy and Water  
Development, Financial Services and General Government, Labor,  
Health and Human Services, Education, Transportation, Housing,  
and Urban Development Appropriations Act, 2021

**Primary Sponsors**

Pete Visclosky

**Bill Summary:** Last edited by TFG Reports at Aug 6, 2020, 9:00 PM

This second minibuss appropriations package totals \$1.3 trillion in discretionary funding and consists of the FY 2021 Defense; Commerce-Justice Science; Energy and Water Development; Financial Services and General Government; Labor-HHS-Education; and Transportation-Housing and Urban Development appropriations bills.

**Introduction Date:** 2020-07-16

Bill Number

HR 1957

Last Action

Became Public Law No 116 152 2020 08 04

Status

Enacted

**Title**

Great American Outdoors Act

**Primary Sponsors**

John Lewis

**Bill Summary:** Last edited by TFG Reports at Nov 19, 2020, 5:24 PM

This bill establishes the National Parks and Public Land Legacy Restoration Fund to support deferred maintenance projects on federal lands. For FY2021-FY2025, there shall be deposited into the fund an amount equal to 50% of energy development revenues credited, covered, or deposited as miscellaneous receipts from oil, gas, coal, or alternative or renewable energy development on federal lands and waters. Deposited amounts must not exceed \$1.9 billion for any fiscal year. Additionally, the bill makes funding for the Land and Water Conservation Fund (LWCF) permanent.

**Introduction Date:** 2019-03-28

Bill Number

HR 7613

Last Action

Placed On The Union Calendar Calendar No  
361 2020 07 15

Status

Failed sine die

**Title**

Energy and Water Development and Related Agencies  
Appropriations Act, 2021

**Primary Sponsors**

Marcy Kaptur

**Introduction Date:** 2020-07-15

Bill Number

S 4206

Last Action

Read Twice And Referred To The Committee  
On Environment And Public Works 2020 07 02

Status

Failed sine die

**Title**

A bill to amend the Water Infrastructure Finance and Innovation Act of 2014 to authorize the interest rate to be used on a secured loan to be the interest rate for United States Treasury securities of a similar maturity on the date of first disbursement of the loan, and for other purposes.

**Primary Sponsors**

Jeff Merkley

**Bill Summary:** Last edited by TFG Reports at Sep 17, 2020, 8:24 PM

This bill amends the Water Infrastructure Finance and Innovation Act of 2014 to authorize the interest rate to be used on a secured loan to be the interest rate for United States Treasury securities of a similar maturity on the date of first disbursement of the loan, and for other purposes.

**Introduction Date:** 2020-07-02

Bill Number

S 3922

Last Action

Introduced In Senate 2020 06 09

Status

Failed sine die

**Title**

Coronavirus Regulatory Repeal Act of 2020

**Bill Summary:** 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 pandemic.

**Primary Sponsors**

Rand Paul

**Introduction Date:** 2020-06-09

Bill Number

S 3926

Last Action

Read Twice And Referred To The Committee  
On Environment And Public Works 2020 06 09

Status

Failed sine die

**Title**

Federal Permitting Modernization Act of 2020

**Bill Summary:** Last edited by TFG Reports at Jul 6, 2020, 10:22 PM  
This bill amends the FAST Act to improve the federal permitting process.

**Primary Sponsors**

Ted Cruz

**Introduction Date:** 2020-06-09

Bill Number

S 3927

Last Action

Read Twice And Referred To The Committee  
On Environment And Public Works 2020 06 09

Status

Failed sine die

**Title**

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.

**Bill Summary:** 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.

**Primary Sponsors**

Ted Cruz

**Introduction Date:** 2020-06-09

Bill Number

HR 7130

Last Action

Referred To The Subcommittee On Highways  
And Transit 2020 06 09

Status

Failed sine die

**Title**

One Federal Decision Act of 2020

**Bill Summary:** Last edited by TFG Reports at Jul 6, 2020, 10:25 PM  
This bill would streamline the environmental review process for major projects.

**Primary Sponsors**

Rodney Davis

**Introduction Date:** 2020-06-08

Bill Number

HR 6691

Last Action

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

Status

Failed sine die

**Title**

Coronavirus Regulatory Repeal Act of 2020

**Primary Sponsors**

Chip Roy

**Bill Summary:** Last edited by TFG Reports at Jul 6, 2020, 10:26 PM

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

**Introduction Date:** 2020-05-01

Bill Number

HR 6643

Last Action

Referred To The House Committee On Ways And Means 2020 04 28

Status

Failed sine die

**Title**

Supporting State and Local Leaders Act

**Primary Sponsors**

Brad Schneider

**Bill Summary:** Last edited by TFG Reports at May 11, 2020, 2:30 PM

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.

**Introduction Date:** 2020-04-28

**Organizational Notes**

Last edited by Kristi More at Jul 6, 2020, 9:43 PM

#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.

Last edited by Kristi More at Jul 6, 2020, 9:46 PM

#TFG Press Release: <https://schneider.house.gov/media/press-releases/schneider-katko-cox-king-degette-introduce-bipartisan-legislation-make-states>

Bill Number

S 3422

Last Action

Read The Second Time Placed On Senate  
Legislative Calendar Under General Orders  
Calendar No 438 2020 03 10

Status

Failed sine die

**Title**

Great American Outdoors Act

**Primary Sponsors**

Cory Gardner

**Bill Summary:** Last edited by TFG Reports at Nov 19, 2020, 5:23 PM

This bill establishes the National Parks and Public Land Legacy Restoration Fund to support deferred maintenance projects on federal lands. For FY2021-FY2025, there shall be deposited into the fund an amount equal to 50% of all federal revenues from the development of oil, gas, coal, or alternative or renewable energy on federal lands and waters. Deposited amounts must not exceed \$1.9 billion for any fiscal year. Additionally, the bill makes funding for the Land and Water Conservation Fund (LWCF) permanent.

**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.

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**FiscalNote**

January 7, 2021

Dear Speaker Pelosi, Leaders McConnell, McCarthy and Schumer:

As you consider further economic stimulus measures during the 117<sup>th</sup> session of Congress to help our country recover from the negative impacts of COVID-19, we urge that you address the shortcomings of our aging Western agricultural and rural water infrastructure in any future infrastructure or recovery package. We represent thousands of Western farmers, ranchers, water providers, businesses and communities who provide the food our nation relies upon through use of millions of acres of productive land, as well as many of the local and regional public water agencies that supply water to over fifty million Western urban, suburban and rural residents. Our organizations collectively believe that federal investment in a diversified water management portfolio is essential. Such a portfolio **MUST** be included as essential infrastructure in the next infrastructure or recovery package.

The American West's farmers and ranchers have responded to COVID-19 by developing new ways to grow the nation's food supply while protecting workers on the frontlines, and keeping the nation fed. But the COVID-19 crisis, as with all industries, has revealed weaknesses in agriculture that must be addressed. Our nation clearly needs a stable domestic food supply that both nourishes Americans and safeguards national security. Food security is an issue everyone should be taking more seriously. We cannot wait until the supermarket shelves are empty to take action to protect our ability to feed ourselves and much of the world.

Our nation's water suppliers are also critical service providers. Agricultural and municipal water providers have worked tirelessly throughout the COVID-19 crisis to provide uninterrupted water service and wastewater treatment for irrigation, major cities, at risk communities, and businesses.

To ensure that food can continue to be safely and affordably produced in the West, and that communities, large and small, continue to have access to the water critical to their economies and their health, our organizations believe that critical water supply and wastewater treatment reliability improvements must be included as a necessary part of any federal infrastructure investment. Providing a stable water future for the West will also strengthen our rural communities who often struggle to address water quantity and quality challenges. Beyond longer-term impacts to the West, these infrastructure projects would also bring vital construction jobs which will greatly benefit rural communities impacted by COVID-19 in their efforts to recover. Nationwide, we believe American jobs will also benefit as equipment and materials for these water projects will be provided by American firms.

It has never been more critical that our country prioritize the initial and continual investment in Western water infrastructure necessary to meet current and future demands. Existing water and wastewater infrastructure in the West is aging, as most of the federal water infrastructure projects that benefit our Western communities, from the largest cities to the smallest farms, were built more than 50 years ago. Now, they are in desperate need of rehabilitation and improvement.



In addition, as hydrological conditions in the West change and populations expand, the impacts from our failure to address aging water infrastructure has become increasingly acute, raising serious questions about the system's continued viability without immediate attention. By investing in improvements to water infrastructure and expanding useable supplies today, we believe the nation can prevent a breakdown in the water supply and irrigation systems across the landscape, which could avoid further shortening of supplies and the potential for increased conflict over water supplies.

Pressure is growing to 'solve' current urban and environmental water shortages by simply moving water away from Western irrigated agriculture. If this continues, we will see rising conflict between agricultural, rural, urban and environmental stakeholders, as well as a further decline in our national food security. A visionary bipartisan federal infrastructure package should seek to bolster our aging water infrastructure to keep water flowing to our nation's farms and ranches simultaneous to making improvements for cities and the environment.

Our organizations collectively believe that federal investment in water conservation, water recycling, watershed management, conveyance, desalination, water transfers, groundwater storage, and surface storage is urgently needed for a diversified water management portfolio and that such a portfolio MUST be included as essential infrastructure in the next infrastructure or recovery package. Specific recommended actions include:

- Water conservation, one of the most cost-effective actions that can positively affect water supply stability, needs to continue to be aggressively pursued in conjunction with new water storage and other actions.
- New funding will be needed to kick-start new water recycling, reuse and desalination projects currently being studied or that are ready for construction.
- Additional funding should support new reservoir facilities and operations at existing dams to address climate change risks.
- Programs that fund water conservation and management improvements, fish passage and recovery, and habitat restoration - all in support of water project operations in the Reclamation states of the West, are in need of additional funding to accelerate construction of this "ready-to-go" infrastructure. Bipartisan legislation, including the *Drought Resiliency and Water Supply Infrastructure Act*, among others, lay out a comprehensive vision for how multiple objectives like this can be achieved.
- Environmentally and hydrologically sound investments in new water storage – both surface water and groundwater in order to adapt to a changing hydrology and develop usable and sustainable supplies to meet growing demands for water. We believe that water storage projects should be geared to local circumstances and needs. In some cases, storage projects will be above ground, in others they will be below ground. Additionally,

some will be traditional construction using American steel and concrete, while others will be ‘green’ natural infrastructure projects - all dependent on the wide variety of local needs in place across the West.

- The federal government must remain an active financial partner and expand its involvement in finding 21<sup>st</sup> century solutions to these water problems in the West. It can do so, either through direct funding to help meet these needs or by developing and expanding federal financing mechanisms (such as the EPA’s *Water Infrastructure Finance and Innovation Act*) that have a very low cost to the Treasury and to taxpayers. Future tax legislation should preserve tax-exempt financing and also restore the ability to issue tax-exempt advance refunding bonds.
- Additional federal funding for affordable long-term loans from the Bureau of Reclamation to local districts operating and maintaining federally-owned irrigation projects. These local entities are in need of affordable financing for immediate extraordinary repairs and rehabilitation on their federally-owned canals and water delivery structures as was highlighted in the bipartisan *Water Supply Infrastructure Rehabilitation and Utilization Act*. Most, if not all, of these major construction projects are ready to proceed if direct financing was made available. In short, water resource infrastructure investments should be made more attractive and affordable for the non-federal entities responsible for maintaining these critical facilities.
- Water quality challenges are also critical factors in many communities across the rural West. Many of these challenges can be positively impacted by the proposals above. As an example, an increase in water supply flowing to rural communities can help stabilize water needs. New supplies can be recharged into aquifers, which can help improve underlying water quality. This is especially important in rural areas where groundwater aquifers have been significantly depleted and water levels are critical. Often those communities are faced with the twin challenge of not having enough water for their needs and the water they have being of poor quality. Enhanced water supplies, environmental projects and new conveyance systems can help provide water as well as help recharge depleted aquifers, which in turn help improve rural communities’ water quantity and quality over time.
- Beyond monetary assistance, the federal government should also bring forward policy changes that help ensure that water projects are built in a timely fashion. Making funding available for projects is useless if projects take decades to be approved. In the past, Congress has, on a bipartisan basis, put forward significant efforts to improve the efficiency of environmental regulation and permitting processes for other types of infrastructure development. Water infrastructure should not be treated any differently and any infrastructure package should address this concern by streamlining the regulations and permitting processes for water projects. Commonsense process improvements were

included in the *American Recovery and Reinvestment Act of 2009* and can be used as a model for success, as well as others, to ensure timely construction of projects.

- Finally, in order to respond to current and future water shortages, Congress must also encourage federal agencies to implement a more cooperative approach toward achieving multiple goals under existing environmental laws and regulations. And, where such approaches are currently in law, Congress should encourage these agencies to use any and all flexibilities under the law to act with the urgency and promptness that this crisis demands.

As you are already aware, water infrastructure investments not only provide immediate short-term economic benefits and create jobs – vital to a nation facing massive job loss – they are the foundation that the economy will need for the foreseeable future.

If and when additional infrastructure funding is discussed as part of a larger economic stimulus package, we need your help to ensure that federal dollars flow and timely improvements are constructed to our nation's critical aging water infrastructure needs.

We look forward to working with you to address this critical need and national security interest.

Sincerely,

**List of Organizations Supporting Western Water Letter (December 29, 2020)**

A&B Irrigation District (IDAHO)  
Agribusiness & Water Council of Arizona  
American AgCredit  
American Agri-Women  
Arnold Irrigation District (OREGON)  
Arizona Cattle Feeders Association  
Arizona Cotton Growers Association  
Arizona Farm and Ranch Group  
Arizona Farm Bureau  
Association of California Water Agencies  
Biggs-West Gridley Water District (CALIFORNIA)  
Black Canyon Irrigation District (IDAHO)  
Boise-Kuna Irrigation District (IDAHO)  
Browns Valley Irrigation District (CALIFORNIA)  
Butte Water District (CALIFORNIA)  
California Agricultural Irrigation Association  
California Alfalfa & Forage Association  
California Apple Commission  
California Avocado Commission  
California Bean Shippers Association  
California Blueberry Association  
California Blueberry Commission  
California Citrus Mutual  
California Cotton Alliance  
California Cotton Ginners & Growers Association  
California Farm Bureau  
California Fresh Fruit Association  
California Walnut Commission  
California Warehouse Association  
California Water Service  
California Women for Agriculture  
Carlsbad Irrigation District (NEW MEXICO)  
Central California Irrigation District  
Central Arizona Irrigation and Drainage District  
Central Oregon Irrigation District  
Central Valley Project Water Association (CALIFORNIA)  
Charleston Drainage District (CALIFORNIA)  
City of Shasta Lake (CALIFORNIA)  
CoBank  
Colorado Fruit & Vegetable Growers Association  
Colorado River Water District (COLORADO)  
Colorado Water Congress  
Columbia Basin Development League (WASHINGTON)  
Columbia Canal Company (CALIFORNIA)

Del Puerto Water District (CALIFORNIA)  
Deschutes Basin Board of Control (OREGON)  
Dolores Water Conservancy District (COLORADO)  
Dunnigan Water District (CALIFORNIA)  
Eagle Field Water District (CALIFORNIA)  
East Columbia Basin Irrigation District (WASHINGTON)  
Electrical District #3 of Pinal County (ARIZONA)  
Elephant Butte Irrigation District (NEW MEXICO)  
Family Farm Alliance  
Farm Credit Council  
Farmers Conservation Alliance (OREGON)  
Farwell Irrigation District (NEBRASKA)  
Far West Equipment Dealers Association  
Fremont-Madison Irrigation District (IDAHO)  
Fresno Madera Farm Credit, ACA (CALIFORNIA)  
Garrison Diversion Conservancy District (NORTH DAKOTA)  
Glenn-Colusa Irrigation District (CALIFORNIA)  
Grower-Shipper Association of Santa Barbara and San Luis Obispo Counties (CALIFORNIA)  
Idaho Dairymen's Association  
Idaho Farm Bureau  
Idaho Water Resources Research Institute  
Idaho Water Users Association  
Imperial Irrigation District (CALIFORNIA)  
Imperial Valley Vegetable Growers Association (CALIFORNIA)  
Kings River Conservation District (CALIFORNIA)  
Kittitas County Farm Bureau (WASHINGTON)  
Kittitas Reclamation District. (WASHINGTON)  
Kittitas County Timothy Hay Growers & Suppliers (WASHINGTON)  
Klamath Irrigation District (OREGON)  
Klamath Water Users Association (CALIFORNIA / OREGON)  
Maricopa-Stanfield Irrigation & Drainage District (ARIZONA)  
Mercy Springs Water District (CALIFORNIA)  
Meridian Farms Water Company (CALIFORNIA)  
Modesto Irrigation District (CALIFORNIA)  
Montana Farm Bureau  
Monterey Peninsula Water Management District (CALIFORNIA)  
National Onion Association  
National Water Resources Association  
Natomas Mutual Water Company (CALIFORNIA)  
Nevada Farm Bureau Federation  
Nevada Irrigation District (CALIFORNIA)  
New Magma Irrigation and Drainage District (ARIZONA)  
New Mexico Chile Association  
New Mexico Farm and Livestock Bureau  
North Dakota Water Users Association  
Northern California Water Association

North Side Canal Company (IDAHO)  
 North Unit Irrigation District (OREGON)  
 Ochoco Irrigation District (OREGON)  
 Olive Growers Council of California  
 Oregon Farm Bureau  
 Oregon Potato Commission  
 Oregon Water Resources Congress  
 Orland Unit Water Users Association (CALIFORNIA)  
 Pacific Egg and Poultry Association  
 Panoche Drainage District (CALIFORNIA)  
 Panoche Water District (CALIFORNIA)  
 Pioneer Irrigation District (IDAHO)  
 Portneuf Irrigating Company (IDAHO)  
 Princeton-Codora-Glenn Irrigation District (CALIFORNIA)  
 Provident Irrigation District (CALIFORNIA)  
 Queen Creek Irrigation District (ARIZONA)  
 Quincy-Columbia Basin Irrigation District (WASHINGTON)  
 Reclamation District No. 108 (CALIFORNIA)  
 Reclamation District 1500 (CALIFORNIA)  
 Richvale Irrigation District (CALIFORNIA)  
 River Garden Farms (CALIFORNIA)  
 Rocky Mountain Farmers Union  
 Roza Irrigation District (WASHINGTON)  
 Roza-Sunnyside Joint Board of Control (WASHINGTON)  
 Sacramento River Settlement Contractors Corporation (CALIFORNIA)  
 San Carlos Irrigation and Drainage District (ARIZONA)  
 San Joaquin River Exchange Contractors Water Authority (CALIFORNIA)  
 San Juan Water District (CALIFORNIA)  
 San Luis & Delta-Mendota Water Authority (CALIFORNIA)  
 San Luis Canal Company (CALIFORNIA)  
 Salt River Project (ARIZONA)  
 Sargent Irrigation District (NEBRASKA)  
 Solano Irrigation District (CALIFORNIA)  
 South Columbia Basin Irrigation District (WASHINGTON)  
 Southwestern Water Conservation District (COLORADO)  
 Southeastern Colorado Water Conservancy District  
 South Valley Water Association (CALIFORNIA)  
 South Yuba Water District (CALIFORNIA)  
 Sunnyside Valley Irrigation District (WASHINGTON)  
 Sutter Extension Water District (CALIFORNIA)  
 Sutter Mutual Water Company (CALIFORNIA)  
 Swalley Irrigation District (OREGON)  
 Tehama Colusa Canal Authority (CALIFORNIA)  
 Truckee-Carson Irrigation District (NEVADA)  
 Tulare Lake Basin Water Storage District (CALIFORNIA)  
 Tulelake Irrigation District (CALIFORNIA)



Tumalo Irrigation District (OREGON)  
Turlock Irrigation District (CALIFORNIA)  
United Water Conservation District (CALIFORNIA)  
Utah Farm Bureau  
Ventura County Agricultural Association (CALIFORNIA)  
Washington Farm Bureau  
Washington State Potato Commission  
Washington State Water Resources Association  
Western Canal Water District (CALIFORNIA)  
Western Agricultural Processors Association  
Western Growers Association  
Yosemite Farm Credit (CALIFORNIA)  
Yuba Water Agency (CALIFORNIA)



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January 4, 2021

## Memorandum

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

FROM: Cristel L. Tufenkjian, Director of External Affairs

SUBJECT: Monthly Status Report – December 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.

**Updates:** Staff attended regional SGMA meetings to prepare content for a January SGMA E-News update. Staff also supported outreach efforts of the KRFMP to recruit volunteers for upcoming incubator tasks.

Date	Email Topic	Audience	Recipients	Open rate	Click-through
12/1/2020	Trout incubator volunteer recruitment	Fisheries/environmental	105	49%	32%

**Social Media:** External Affairs staff members continued developing content via Hootsuite content manager across social channels. All platforms saw an increase in followers and engagement.

Facebook: KRCD's Facebook page saw a 17% increase in engagement. KRCD's top performing Facebook post shared a blog post announcing that KRCD received the Watershed Restoration Grant.

 Kings River Conservation District  
December 4 at 7:01 AM · 🌐

On November 13, Kings River Conservation District and our co-applicant Tulare Lake Resource Conservation District received \$1,165,644 awarded by the [California Department of Conservation](#) for the Kings River Conservation District Channel Improvement Project.

This funding was given to work with the California Conservation Corps Fresno to clear overgrown brush and remove invasive plant species along the banks and channels of the Kings River.



KRCD.ORG

**KRCD Receives Watershed Restoration Grant**

KRCD Receives Over \$1 million from Watershed Restoration Grant f... 69



California Department of Conservation  
Keep up the great work KRCD!

Love · Reply · 3w



LinkedIn: KRCD received 13 new followers on LinkedIn and saw an incredible increase in engagement: **1,766%!** (3 engagements in November to 56 in December) This is largely due to the Grant announcement and promotion of KRCD 's fascinating [snow survey video](#).

Twitter: KRCD's Twitter account gained 3 new followers and saw a 7.4% increase in engagement.

**KRCD website:** The KRCD website was visited by 391 users, 84% of whom were new users. 188 came to the website through an organic search (such as through searching via Google), 144 typed in the website directly, 52 came from a social media platform and 21 were referred from another website, such as the Kings Basin Authority website.

The top three visited pages excluding the home page were: [About Us](#) (139 views), [Our Work](#) (137 views) and [Job Openings](#) (135 views).

**Vision Materials:** A first draft of a KRCD Vision brochure (print and digital format) was completed.

#### STRATEGIC PLAN OBJECTIVE 6B

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

#### Federal and State Legislative and Regulatory Advocacy

External Affairs staff members compiled and wrote summaries on State and Federal legislative and regulatory information to support KRCD advocacy efforts.

Staff worked on an advocacy webpage for [krcd.org](http://krcd.org) to provide an opportunity to promote KRCD's position with constituents on Federal and State legislation and regulatory issues.

Participated in the following meetings:

- VAWC Annual Meeting
- ACWA Federal Affairs Committee
- KRWA Legislative Committee Planning Session

#### 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

**Kings Subbasin Coordination:** Five GSAs in the Kings Subbasin are part of a coordinated outreach effort to develop materials and outreach to domestic well owners and schools.

Domestic well outreach campaign:

- Domestic well brochure (groundwater guide) draft edited
- Coordination with UCCE and ABIRC to develop specialized Hmong resource
- Drafted 1-page domestic well flyer for Hmong outreach

School outreach campaign:

- School facilities brochure (groundwater guide) draft edited

**McMullin Area GSA:** Several outreach services for the McMullin Area GSA (MAGSA) were performed. Support was provided in:

- Technical support for a Zoom board meeting
- Published 3 website articles highlighting board meeting updates
- Sent Email Update on December board meeting via Constant Contact to interested persons
- 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



- Coordination for special FY2020-21 campaign
- Began strategizing and planning Vision 2021 event for January 20th

**North Fork Kings GSA:** Several outreach services for the North Fork Kings GSA (MAGSA) were performed. Support was provided in:

- Published 1 website article highlighting adopted board policies
- Administrated Rural Communities Advisory Committee meeting via Zoom
- Finalized rural community outreach flyer; currently submitted to CA DWR for free Spanish translation services
- Ongoing coordination 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
  - Finalized survey questions
  - Finalized methodology for multiple APN owners
  - Surveys planned for public release early February

**James GSA:** Routine website updates and maintenance was performed.

**North Kings GSA:** Several outreach services for the North Kings GSA were performed. Support was provided in:

- December Board Meeting E-Update to Interested Persons
- Launching NKGSA YouTube channel
- Creating the Aerial Electromagnetic Survey [video](#) which was posted on YouTube and shared on Twitter and Facebook, accumulating 31 views since December 16
- Spending time engaging with accounts on Twitter and Facebook to increase credibility and following across these channels
- Developing January social media content
- Coordination to develop brochures for Kings Subbasin outreach

#### TULARE LAKE SUBBASIN OUTREACH SERVICES

**South Fork Kings GSA:** Several outreach services for the South Fork Kings GSA were performed. Support was provided in:

- An E-Update on groundwater news sent to 230 interested persons. The email was opened by 76 recipients.
- Website maintenance was performed, and 2021 board meeting information posted.

#### OTHER GSA OUTREACH SERVICES

**Greater Kaweah GSA:** Several outreach services for the Greater Kaweah GSA were performed. Support was provided in:

- Drafted a 218 fee comparison infographic
- Worked on development of a 218 webpage
- Drafted 218 Frequently Asked Questions

### **Kings River Fisheries Management Program**

External Affairs highlighted KRFMP volunteer opportunities through an email with a 44% open rate and via social media channels where we shared creative posts and linked to the volunteer page.



Website maintenance was performed, and the volunteer page was populated with updated information.

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

**ILRP:** The Kerman fill station postcard was finalized and mailed to impacted residents late December to notify and encourage fill station use.

**CV-SALTS:** Several outreach services for the CV-SALTS Management Zone were performed. Support was provided in:

- Drinking water webpage updates on [www.kingsriverwqc.org](http://www.kingsriverwqc.org)
- Upcoming workshop date
- Previous workshop materials
- Story Map
- Tribal outreach
- Impacted resident and stakeholder survey question development
- Coordination with NGOs/EJ groups for effective outreach
- Development of Communications Plan draft for Early Action Plan submittal
- Support with the formation of an Advisory Committee
- Outreach to community leaders

CT/dmr

R21-001  
File: 202.03



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January 5, 2021

## ***Memorandum***

TO: David M. Merritt, Deputy General Manager

FROM: Charlotte Gallock, Director of Water Resources

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

### **WATER QUALITY**

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

##### **KRWQC Board Meeting**

The KRWQC Board meeting was held on December 15<sup>th</sup> and included updates on outreach, membership, fill stations, Kings Water Alliance (Management Zone), and Regional/State Board activities. Additional discussions included reports on financials, policies, and an appointment of a finance committee member due to a vacancy. The next KRWQC meeting is February 16, 2021.

##### **Fill Station Development and Construction**

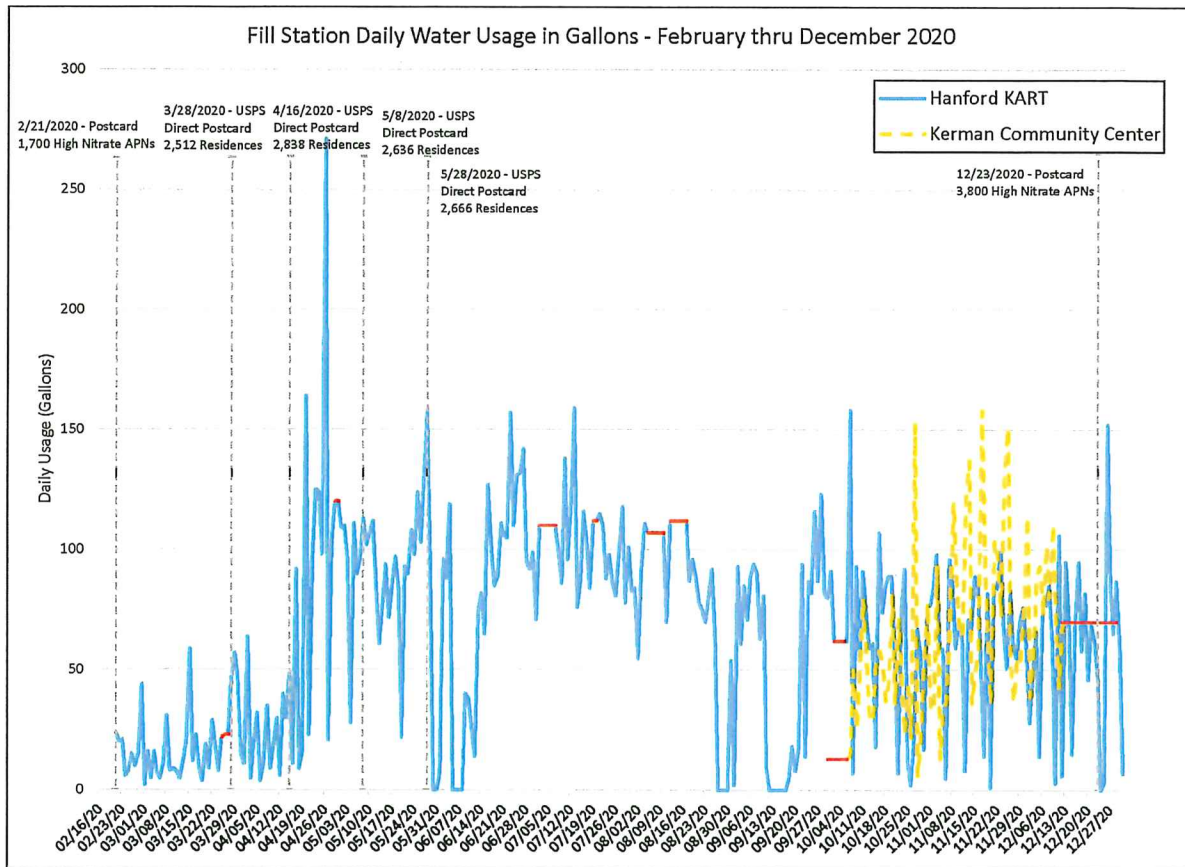
In December, the Hanford fill station averaged 60 gallons daily water usage. Weekly bacteria samples collected at the fill station in December resulted in absent results. Staff continue to implement solutions and modify maintenance schedules as necessary at the fill station.

In December, the Kerman Fill Station averaged 74 gallons daily water usage. Weekly bacteria samples collected at the fill station in December resulted in absent results. The City of Kerman approved usage of their logo in fill station outreach postcards in late November. Postcards to nitrate impacted areas near the Kerman Fill Station were mailed in late December. Additional mailings and marketing will occur January through March.

The Dinuba Fill Station construction and installation was completed on December 30, 2020 at the Tulare County Dinuba Branch Library (150 S. I St., Dinuba, CA). The KRWQC completed initial bacteria sampling on December 31<sup>st</sup> and are awaiting results prior to availability of the fill station to the public. Results are anticipated on January 5, 2021. Postcards will be mailed in mid to late January to nitrate impacted areas near the fill station with additional mailings and marketed occurring February through April.



David M. Merritt, Deputy General Manager  
January 5, 2021  
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### Nitrate Management Zones

Staff continue to work with legal counsel for the formation of a non-profit organization for the KRWQC Management Zone, now called the Kings Water Alliance (KWA). Articles of incorporation were filed in November with bylaws, develop by Klein, DeNatale, & Goldner (Joe Hughes), and the seating of the Board anticipated in January. A KWA interim technical committee meeting was held on December 4<sup>th</sup> and included discussions on nitrate characterization, early action plan activities, outreach, and draft schedules. The next interim technical committee meeting will be held on January 20<sup>th</sup>. KWA outreach activities continue with coordination and assistance from community-based organizations for an Early Action Plan activity. The next community engagement webinar will be held January 28, 2021. A KWA interim technical committee meeting will be held on December 4<sup>th</sup>. The KWA Board and/or stakeholders meeting is anticipated in mid-January.

### Isotope Study – Phase 2

As of December 2020, KRWQC staff are working with consultants to finalize the report with Dr. Brad Esser. Staff did have a conference call with Dr. Esser and his staff in November to discuss the findings of the overall study and the finalization of report's conclusions. The report is expected to be finalized soon.

### KRWQC Membership Activities

As of December 30<sup>th</sup>, KRWQC has received payments from 2,054 Members: 172 online payments (\$49,714) & 1,904 Check Payments (\$761,043) for a total of \$810,757. Payments continue to be reviewed and input into the system daily. A second and final invoice will be mailed mid-January to members with outstanding balances.



David M. Merritt, Deputy General Manager  
January 5, 2021  
Page 3

Online member reporting was available December 4<sup>th</sup>, at present, 2% of members have submitted to date, 83 Irrigation and Nitrogen Management Plan (INMP) Summary Reports and 114 Farm Evaluations (FEs). Submittals for the INMP Summary Report, FE, and Management Practices Implementation Report (MPIR) are due for all members on March 1, 2021.

#### Web-Based Submittal Database

Members and delegates continue to access their online membership account(s) to make payments, update membership contact and parcel information, review member requirements, submit the Irrigation and Nitrogen Management Plan Summary Report and Farm Evaluation, and view a map of their enrolled parcels. Members can also review their history of enrollment and submitted reports. Outreach content will be available in January and Groundwater Management Practices Implementation Report will be available at later date.

An administrative web-based portal for Coalition staff was rolled out at the beginning of December providing access to member information and delegate functions. Developers continue to work on providing staff with the function of entering and updating member reports through this portal.

#### KRWQC Outreach Activities

The Coalition sent an email to all members with one on file reminding them of the December 31, 2020 deadline for domestic well testing.

Nitrogen Management Plan Evaluation Packets were mailed to all members at the beginning of December providing members with a summary of their 2017, 2018 and 2019 NMP Summary Report data, 3-year Nitrogen use evaluation when available, and 2019 Nitrogen use evaluation. Members were also informed of required further actions for identified outlier parcels.

#### Surface Water Quality Monitoring Plan Revisions

No updates to the development of a revised Surface Water Monitoring Plan occurred in December.

#### Surface Water Quality Sampling Activities

Surface water samples were collected from two out of eight sites Manning Avenue and Jackson Avenue on Monday, December 21, 2020. Field sheets and photo documentation were collected at all sites, this included the six dry sites of Gould Canal, Tivy Valley, Lemoore Weir, Empire 2 Weir, Crescent Weir, and Stinson Weir. The Department of Pesticide Regulation (DPR) data required for the completion of the Pesticide Evaluation Protocol (PEP) was released on December 31, 2020. The Coalition has 45-days to develop the PEP for the remainder of the sampling in 2021.

#### Drain Survey Activities

The December 2020 drain survey was conducted on the 21<sup>st</sup> and 23<sup>rd</sup> of the month. Most of the upper river from Army Corp Bridge to Hwy 41 was assessed on the 23<sup>rd</sup>, along with a portion of the South Fork drains. The remainder of the drains were assessed on the 21<sup>st</sup> of December.

#### Groundwater Quality Trend Monitoring Plan

A meeting with the Regional Board to discuss the revised methodology for the Groundwater Quality Trend Monitoring Plan is anticipated in the next few months. Upon approval of the revised methodology, the Coalition anticipates further modifications to the well network and sampling procedures for 2021.

#### Groundwater Quality Trend Monitoring Activities

Groundwater data for Fall 2020 has been processed and has been uploaded to GeoTracker by MLJ Environmental.

David M. Merritt, Deputy General Manager  
January 5, 2021  
Page 4

Comprehensive Groundwater Quality Management Plan

No updates to report for December.

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

The MPEP Technical Consultant reported that technical work is being curtailed to save the remaining budget. Samples continue to be collected/solicited for the N removed studies. The 2018 Nitrogen Summary Report data has been incorporated into the overall analysis and made available to the coalitions. Work continues with Thomas Harter on linking SWAT to his groundwater model. Revisions to the ETa tool for the coalitions is awaiting data from Department of Water Resources (DWR).

*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 CV-SALTS Executive Committee did not meet in December; the next meeting is scheduled for January 14, 2021.

*KRWQC/KRCD is the fiscal agent for this group. (Participants: Kings, Kaweah, Tule, Kern)*

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

No meetings were held in December. A conference call is scheduled for January 12, 2021.

*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**

The Regional Board and Tulare Lake Basin Coalitions discussed proposed General Order revisions to implement the CV-SALTS Basin Plan Amendments in December.

Regional Board staff have not taken any enforcement actions during the month of December 2020.

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

Nothing to report in December.

**WATER RESOURCES**

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

Groundwater Sustainability Planning (GSP) Related Activities

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

The North Fork Kings GSA has two policies approved the Rules and Regulations and the Banking policy at the December 16, 2020 special board meeting.

*North Fork Kings GSA Grant Activities*

The Kings Subbasin GSA's decided to proceed with an application for Sustainable Groundwater Management Act (SGMA) Implementation Grant Round 1 funds that includes four recharge projects in three GSA's. The focus was to select projects that provided the most benefit to Underrepresented Communities. The Kings River East GSA will pursue the Sultana Project, the North Kings GSA will further their Savory Pond Project and the Kerman Lions Project, and the South Kings GSA will construct the North Sanger Recharge Project. The total for the projects is expected to be at approximately \$4million, under the \$5million maximum.

David M. Merritt, Deputy General Manager  
January 5, 2021  
Page 5

### *South Fork Kings GSA Implementation*

The South Fork Kings GSA's Groundwater Data Protection policy was adopted on December 3, 2020 special board meeting.

### *South Fork Kings GSA Grant Activities*

The Tulare Lake Subbasin GSA's agreed to support the Kings County Water District's pursuit of the SGMA Implementation Ground Round 1 funds for the recharge project located in the Mid-Kings GSA.

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

Data from the Fall 2020 well survey has been uploaded to CASGEM, where possible (wells we monitor but have not been claimed by a GSA). Received data is stored on the KRCD network, and the appropriate history files have been updated.

### **KRCD Subsidence Monitoring**

Surveys for Kings River East and Central Kings were completed in early December. With the addition of these last surveys, staff processed, reviewed, and compiled the 2020 data. The SGMA subsidence network data was sent to the respective subbasin consultants in December.

Staff will now begin reviewing the KRCD levee elevation points.

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

#### Board of Directors

The next regular meeting of the KBWA Board of Directors is scheduled for April 21, 2021.

#### Advisory Committee

The next regular meeting of the KBWA Advisory Committee is scheduled for March 17, 2021.

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

The next meeting of the Project Advisory Committee is scheduled for January 21, 2021.

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

Fresno Metropolitan Flood Control District (FMFCD) and KRCD staff continue to work with DWR on finalizing the grant agreement. Staff are working with FMFCD to execute the Grantee Sub-Agreement which defines the roles and expectations for the Kings Basin Water Authority as the grant administrator and FMFCD as the subgrantee implementing the project.

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

A Roundtable of Regions Steering Committee meeting was held on December 16, 2020 via Zoom. The Committee is working to finalize an Integrated Regional Water Management (IRWM) Assessment Report that seeks to better understand how the practice of IRWM supports, or needs to be adjusted to better support, regional water management and resilience planning. The Assessment also seeks to identify how state agencies can better support the IRWM Program. All 48 IRWM regions were interviewed for this Assessment Report.

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

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

Staff continue to work with DWR on requesting release of retention for several project tasks that have been completed.

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

Staff continue to work on grant closeout.

David M. Merritt, Deputy General Manager  
January 5, 2021  
Page 6

## **WATER RESOURCES DIVISION ACTIVITIES**

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

Staff answered multiple questions and provided data for staff, stakeholders, and consultants regarding things such as KRCD boundary history, ownership along the river, and Disadvantaged Communities.

### **SGMA**

Staff delivered a set of school district maps for External Affairs to use in outreach for the Kings Subbasin GSAs. Staff reviewed, compiled, and shared the fall groundwater measurements with the subbasin consultants.

### **Environmental Resources**

Staff researched existing elevation information in preparation for a survey of the Thorburn Channel. The survey will be completed when conditions allow.

### **Flood Maintenance**

Staff are compiling and reviewing the 2020 levee elevation survey. Staff answered questions for various projects. Staff are researching as-built drawings and historical aerial photographs to help determine the status of a canal adjacent to the levee system. Work continues to digitize the Right-of-Way and easement paper files.

## **ENVIRONMENTAL DIVISION**

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

#### **Incubator Building**

On December 9<sup>th</sup>, staff prepped the incubator to receive trout eggs. On December 30<sup>th</sup>, with the assistance of staff from KRW, the incubator was charged with 100,000 diploid rainbow trout eggs from Cold Springs Trout Farm in Utah. Volunteer recruitment continues.

#### **Electrofishing**

Staff continue to work on generating a comprehensive electrofishing report for the years 2007-2019. Progress was made on developing the report; and summary results are being incorporated.

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

ExCom did not meet in December. The next meeting is scheduled for April 1, 2021.

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

The TSC did not meet in December. The next regular meeting is scheduled for January 26, 2021.

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

Information was communicated to the PAG via e-mail in December. Staff provided updates on the upcoming incubator activities and a reminder to return a signed release of liability and COVID-19 acknowledgement if any members wished to participate. The PAG was also provided with information regarding supplemental stocking numbers and locations. The next PAG meeting is scheduled to occur via Zoom on January 19, 2021.

### **Stocking**

#### **Supplemental Stocking Plan**

Supplemental stocking of rainbow trout by Calaveras Trout Farm (CTF) has continued through December. Beginning the week of December 7<sup>th</sup>, both catchable and super-catchable sized trout

David M. Merritt, Deputy General Manager  
January 5, 2021  
Page 7

were stocked in the river. Catchable sized trout are three fish per pound, while the super-catchable trout are 1.5 to 2.5 pounds per fish. Both size classes will continue to be stocked at seven to eight locations weekly. Since supplemental stocking began in November, 7,300 lbs. (~21,900 trout) of catchable sized trout and 2,000 pounds (~1,008) super-catchable sized trout have been released into the Kings River. Of catchable sized trout, 77% have been stocked into the Put & Take Zone (Reach 1) and 23% into the Catch & Release Zone (Reach 2). Super-catchable sized trout have been stocked 75% into Reach 1 and 25% into Reach 2.

CDFW Annual Budgeted Stocking

Stocking by CDFW in the lower Kings River continues bi-weekly. Since July, 10,360 brook trout (5,200 lbs.), and 28,425 rainbow trout (3,975 lbs.) have been stocked in the river through the end of November. Stocking numbers through December are not available.

CG/sjs

R21-0004  
File: 202.03

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January 4, 2021

## ***Memorandum***

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

FROM: David M. Merritt, Deputy General Manager 

SUBJECT: Monthly Status Report – December 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 762.67 feet (ft.) and storage of 207,97 acre-feet (AF). As of January 1, 2021, the reservoir elevation was 765.74 ft. and storage of 215,956 AF. Turbine discharge for the month was zero. Discharge through the turbine bypass system was 9,011 AF. There was no spill from the dam over the month and no flow from Mill and Hughes Creeks.

#### **Power Plant Generation:**

No generation occurred.

#### **Unit Status:**

Unit #	Gross MWhrs	In-Service Hours	Standby Hours	Out of Service Hours
1	0	0	0	744
2	0	0	0	744
3	0	0	0	744
<b>TOTAL</b>	<b>0</b>			

#### **Administrative:**

COVID-19 preventative measures:

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

Work continued over the month with our Utility Rate Consultant reviewing the status of the Pine Flat Power Purchase Agreement and developing a revised budgeting process.



The Pine Flat Federal Energy Regulatory Commission (FERC) Boundary Amendment request public review will expire January 4, 2021. To date, only the California State Water Resource Control Board (SWRCB) failed to intervene. This is proforma by the State Water Resources Control Board (SWRCB) per our FERC counsel. No additional public comments have been posted on the FERC website concerning this request.

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

- Annual maintenance continued through the month.
- PG&E replaced the gearbox operator on switch 275 at the 230Kv tap on December 28, 2020.
- The high voltage yard was prepared for power factor testing, scheduled for the week of January 4, 2021, by California Department of Water Resources (CDWR).
- The additional generator protection relay enhancements were incorporated by Taurus Power and HDR and witnessed verification was performed by PG&E. Additional verifications will be made once we are in generation.
- Plant external facility lighting is being upgraded to LED.
- The bridge crane was inspected by Kona Crane for the annual certification.
- Refilled the in-service generator housing fire protection CO2 bottles after inadvertent discharge.

\*\*\* The facility is under an approved California Independent System Operator (CAISO) outage for annual maintenance\*\*\*

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

Facility safety record as of December 31, 2020 – 1,071 days without a lost-time incident.

Monthly safety meetings covered CO2 accidental discharge within the generator enclosures and upcoming safety requirements for the high voltage yard electrical testing.

#### **Regulatory Compliance:**

The following items were completed:

- Preparing the yearend required reports.
- The Energy Information Administration monthly report is on hold due to a computer issue with Java security certificates.

#### **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:**

Facility Manager Recruitment – interviews are scheduled for the week of January 11, 2021.

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

The monthly Power Generation and Reservoir Forecast for the twelve-month period commencing January 1, 2021, attached.

<b>2020/21 Power Revenue Budget to Actual – Budget was based on \$7.6/MWhr – Escalation is \$7.7/MWhr</b>			
<b>Month</b>	<b>Budgeted Revenue - Gross</b>	<b>Actual (AR) / Forecasted (FR) Revenue - Gross</b>	<b>Over / (Short) Based On Actual - Gross</b>
July	\$557,680	\$689,227 - AR	\$131,547
August	\$404,040	\$180,884 - AR	(\$223,155)
September	\$74,480	\$5,330 - AR	(\$69,150)
October	-	-	
November	-	-	
December	-	-	
January	-	-	
February	-	-	
March	-	-	
April	-	-	
May	\$267,070	\$113,730 - FR	
June	\$715,730	\$507,150 - FR	
<b>Total:</b>	<b>\$2,019,000</b>	<b>\$1,496,321 = AR+FR</b>	<b>(\$522,679) - projected</b>

## **POWER GENERATION / WATER STORAGE OPPORTUNITIES**

### **Pine Flat – Unit 4:**

I continue to work with our consultant concerning the technology selection. We have developed a hill curve for the expected generation for two of the potential turbine vendors.

The response to our request for proposal for a Computational Fluid Dynamic model creation is due January 15, 2021. We need to address the potential of operating the turbine bypass in parallel with the main units.

Discussion with CDWR (executive management) are being scheduled for late January concerning Unit 4.

## **FLOOD DIVISON**

### **Administrative:**

COVID-19 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

Submitted the semi-annual inspection report for the U.S. Army Corps of Engineers (USACE).

We have received the new Ford F-350 truck and it is being retrofitted with the needed materials for spraying herbicide along the project levee.

### **Operations and Maintenance Activities:**

- Levee grading – 0.85 mile
- Levee mowing – 37 miles
- Channel mowing / disking – 100 acres
- Weed control (spraying) along levee – 13 miles

- Rodent control program – continuous over month
- Sediment removed from channel – 10,300 cubic yards.
- Brushing overhanging vegetation and removing fallen trees along the levee – 0.1 miles of levee and 5 new piles.
- Three unauthorized encroachments were removed from the Project Levees, addressing USACE inspection point issues.

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

Safety record as of December 31, 2020 – 1,037 days without a lost time incident.

Monthly safety topics covered Ergonomics, Slips, Trips & Falls and ongoing COVID-19.

Newly hired staff attended the California Department of Water Resources along with the California Conservation Corps annual Flood Fight training.

**Personnel:**

No update currently.

**GRANT ACTIVITIES**

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

Work over the month:

- The project team continues to work on the Flood Flow Capture Program.
- Flood Water Use Agreement from KRWA is still pending.

**Levee Evaluation Grant:**

Completed.

**Statewide Flood Emergency Response Grant Program:**

Our consultant (GEi) is developing a modeling presentation for the respective counties within our area of responsibility.

**Prop 68 – Invasive Plant Species:**

KRCD is waiting for the grant agreement from the state for review.

**Weather Modification Services:**

No updates currently.

DM/sjs

R21-0003  
File: 202.03

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

DATE OF FORECAST : **1-January-2021**

RESERVOIR STORAGE : **215,930 AF**

BASIS OF DATA :

1. BASED ON 50% CNRFC PROBABILITY FOR JAN THROUGH DEC 2021
2. IRRIGATION DEMAND PROJECTIONS BY KRWA AS OF 12/31/2020.
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 OUTFLW CFS	AVG TURB Q CFS	AVG SPILL CFS	AVG GEN MW	MIN GEN MW	MAX GEN MW	GEN MWH	ENERGY PAYMENT \$1000
JAN	2021	224,109	768	283	150	0	150	0.00	0.00	0.00	0	0.00
FEB	2021	248,312	777	586	150	0	150	0.00	0.00	0.00	0	0.00
MAR	2021	276,076	787	952	500	0	500	0.00	0.00	0.00	0	0.00
APR	2021	367,630	815	2,039	500	0	500	0.00	0.00	0.00	0	0.00
MAY	2021	542,109	860	3,838	1,000	1,000	0	19.85	17.70	17.70	14,770	113.73
JUN	2021	415,428	828	2,371	4,500	4,500	0	91.48	84.60	97.88	65,864	507.15
JUL	2021	183,722	752	1,232	5,000	4,849	151	75.51	51.23	93.00	56,182	432.60
AUG	2021	101,521	713	913	2,250	1,960	290	17.74	0.00	25.76	13,200	101.64
SEP	2021	111,051	718	660	500	0	500	0.00	0.00	0.00	0	0.00
OCT	2021	108,213	717	254	300	0	300	0.00	0.00	0.00	0	0.00
NOV	2021	118,483	722	323	150	0	150	0.00	0.00	0.00	0	0.00
DEC	2021	132,824	729	383	150	0	150	0.00	0.00	0.00	0	0.00
<b>12 MONTH TOTALS :</b>				1155	1270	1033	237	<b>17.13</b>			150,016	<b>\$ 1,155</b> 38.0% of normal generation yr.

512.03.07

<b>KINGS RIVER CONSERVATION DISTRICT</b> <b>PINE FLAT POWER PLANT - RESERVOIR OPERATION FORECAST</b>								
DATE OF FORECAST : 1-January-2021 RESERVOIR STORAGE : 215930 AF BASIS OF DATA : 1. BASED ON 50% CNRFC PROBABILITY FOR JAN THROUGH DEC 2021 2. IRRIGATION DEMAND PROJECTIONS BY KRWA AS OF 12/31/2020. 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 OUTFLOW CFS
JAN	2021	224,109	768	17,402	9,223	8,179	283	150
FEB	2021	248,312	777	32,534	8,331	24,203	586	150
MAR	2021	276,076	787	58,508	30,744	27,764	952	500
APR	2021	367,630	815	121,306	29,752	91,554	2,039	500
MAY	2021	542,109	860	235,966	61,488	174,478	3,838	1,000
JUN	2021	415,428	828	141,088	267,769	(126,681)	2,371	4,500
JUL	2021	183,722	752	75,732	307,438	(231,706)	1,232	5,000
AUG	2021	101,521	713	56,146	138,347	(82,201)	913	2,250
SEP	2021	111,051	718	39,282	29,752	9,530	660	500
OCT	2021	108,213	717	15,608	18,446	(2,838)	254	300
NOV	2021	118,483	722	19,196	8,926	10,270	323	150
DEC	2021	132,824	729	23,564	9,223	14,341	383	150
<b>12 MONTH TOTALS :</b>				<b>836,332</b>	<b>919,438</b>		<b>1,155</b>	<b>1,270</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

# PINE FLAT POWER PLANT MONTHLY REPORT

Month: DEC  
Year: 2020

## RESERVOIR

Start Elevation 762.67  
End Elevation 765.74

Start Storage 207987 AF  
End Storage 215956 AF  
Thru Plant 0 AF  
Spill 0 AF  
Mill Creek & Hughes 0 AF  
Turbine Bypass 9011 AF

## POWER PLANT

Unit #	MW	HRS		OOS
		In Service	Standby	
1	0.00	0.00	0.00	744.00
2	0.00	0.00	0.00	744.00
3	0.00	0.00	0.00	744.00
Total	0.00	0.00	0.00	2232.00
			ULH	0.00

Station Service Use	
P.G.E (kWhrs)	37040
Station Transf.(kWhrs)	71400
Diesel Gen. Run (Hrs)	1

MWh Generated **0**

## Comments - Include Major Equipment Problems:

61 Work Authorizations issued. 1071 Days worked without a lost time accident or injury.  
Facility Outage OMS #9154182 0700 hour, 9/28/2020 to 1530 hours, 1/29/2021.  
LOTO #C-20-PF-100 issued for 230KV Switchyard / 13.8 Bus / Generator Breakers for Relay Testing  
LOTO #C-20-PF-102 issued for 230KV Switchayrd for PG&E repairs on PF-275 gearbox.  
LOTO #C-20-PF-104 issued for 230KV Switchyard 13.8 Bus to PF-275 for Power Factor Testing.  
File: 512.09.07  
KRCD 512138

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January 4, 2021

## *Memorandum*

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

FROM: Brian Trevarrow, CFO 

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

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

I attended the bimonthly meeting of the Kings River Water Quality Coalition and presented the financial report. The Water Quality Coalition audit for the year ended June 30, 2020 is still in process.

I presented financial reports at the meeting of the McMullin Area Groundwater Sustainability Agency (MAGSA).

The audits of the three Groundwater Sustainability Agencies for which KRCD is the fiscal agent were completed in December.

Accounting staff completed the Pine Flat Annual Statement of Operation and Maintenance (O&M) Costs and notified DWR of the result. This process is competed in December of each year and results in an adjustment (up or down) to the quarterly O&M deposit made by Department of Water Resources (DWR). The deposits are made based on the annual budget and then in December we compare the prior 12 months of actual spending to the budgeted amounts. We usually spend less than budgeted (as we did this year), so DWR reduces their next deposit by the amount that was not expended.

The District submitted evidence of smog inspections for subject vehicles to the California Bureau of Automotive Repair in compliance with the Government Fleet Smog Check Program.

Stacy Wright, Manager of Human Resources, attended various webinars and virtual meetings to keep her understanding of ever-changing HR issues and laws up to date. She also facilitated the recruitment of the Hydroelectric Power Plant Manager and scheduled interviews for candidates in early January 2021. During the month Stacy finalized open enrollments for multiple voluntary benefits available to District employees.

BT/sjs

R21-0002  
File: 202.03

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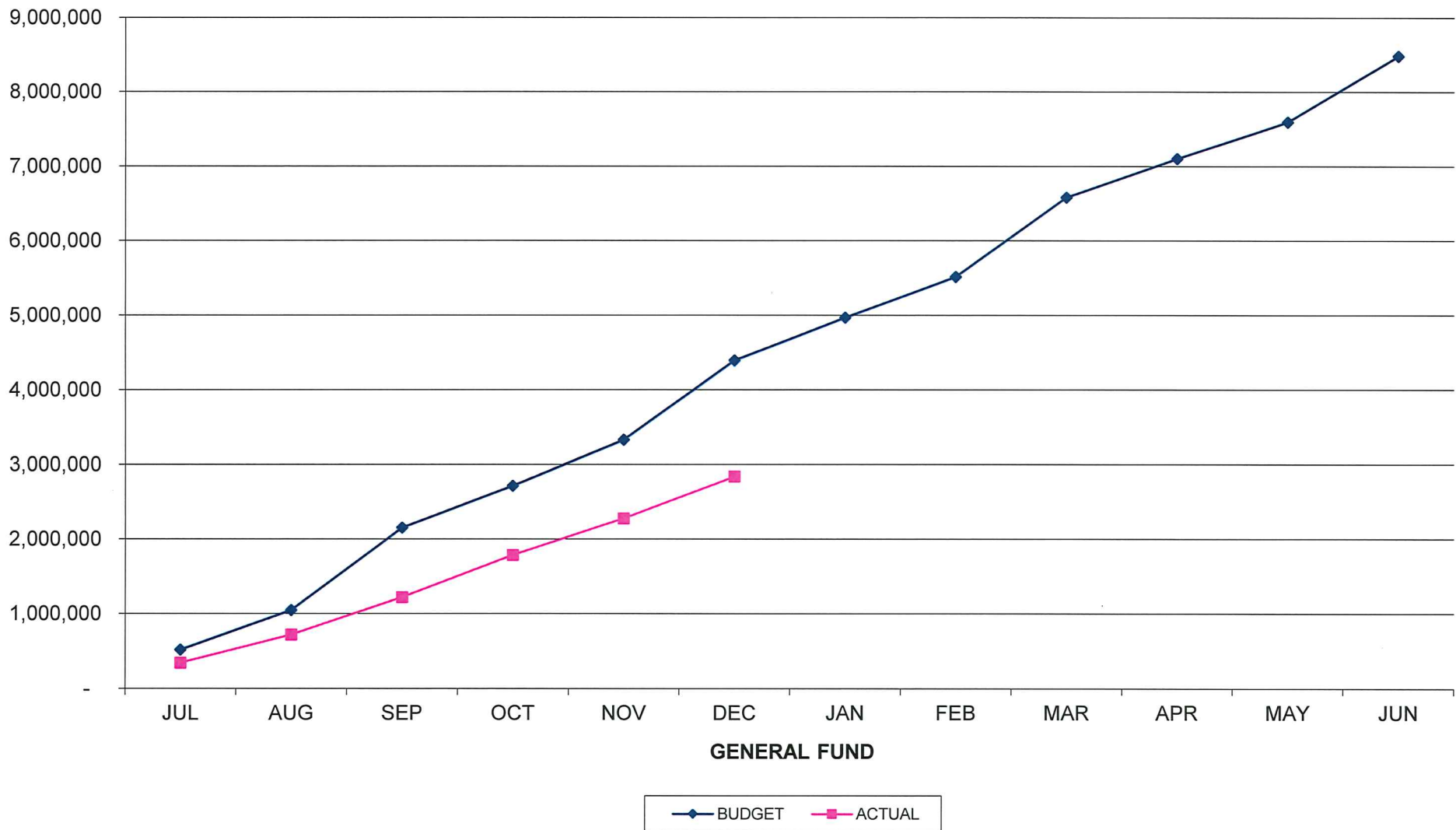
# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON



KINGS RIVER CONSERVATION DISTRICT  
Summary Budget Comparison - ALL FUNDS (201.17.04)  
From 12/1/2020 Through 12/31/2020

Account Code	Account Title	Current Period Budget -		Total To Date Actual	2020-2021 Budget	Total Budget Variance	Percent of Budget
		Current Period Actual	Original			YTD	Used
51000	SALARIES & WAGES	315,397.12	354,088.00	1,992,841.87	4,317,268.00	2,324,426.13	46.16%
51011	DIRECTORS COMPENSATION	3,500.00	3,500.00	21,000.00	42,000.00	21,000.00	50.00%
51021	PENSION PLAN	19,206.46	23,685.00	130,884.09	307,903.00	177,018.91	42.51%
51022	PAYROLL TAXES	20,572.01	24,802.00	145,525.03	322,428.00	176,902.97	45.13%
51030	EMPLOYEE HEALTH INSURANCE	69,842.26	79,963.00	423,149.84	959,559.00	536,409.16	44.10%
51033	UNEMPLOYMENT INSURANCE	0.00	417.00	2,149.00	5,000.00	2,851.00	42.98%
52050	SAFETY SUPPLIES	1,872.11	2,898.00	7,170.57	31,479.00	24,308.43	22.78%
52060	COMMUNICATIONS	4,810.99	5,828.00	42,514.21	69,804.00	27,289.79	60.91%
52090	HOUSEHOLD EXPENSE	999.43	1,058.00	3,245.92	12,745.00	9,499.08	25.47%
52100	INSURANCE & BONDS	9,055.01	12,066.00	513,644.50	463,956.00	(49,688.50)	110.71%
52120	MAINTENANCE - EQUIPMENT	17,520.26	26,118.00	106,946.91	300,654.00	193,707.09	35.57%
52130	MAINTENANCE - STRUCTURES	6,674.88	68,894.00	99,728.21	748,075.00	648,346.79	13.33%
52140	FMP PROGRAM	17,642.49	8,071.00	18,757.49	111,848.00	93,090.51	16.77%
52150	MEMBERSHIPS	2,300.00	3,741.00	32,938.00	44,360.00	11,422.00	74.25%
52160	MISCELLANEOUS	146.51	1,602.00	76,118.60	99,002.00	22,883.40	76.89%
52170	OFFICE EXPENSE	4,138.16	15,957.50	43,535.38	181,520.00	137,984.62	23.98%
52181	LEGAL SERVICES	440.00	8,458.00	11,101.00	101,500.00	90,399.00	10.94%
52182	ACCOUNTING SERVICES	6,380.00	0.00	22,995.00	39,600.00	16,605.00	58.07%
52183	ENGINEERING SERVICES	8,582.76	21,142.00	34,230.60	433,700.00	399,469.40	7.89%
52184	WEATHER MODIFICATION	75,626.25	64,895.00	75,626.25	391,550.00	315,923.75	19.31%
52186	PROFESSIONAL & SPECIAL SERVICE	25,457.09	42,279.00	246,915.81	594,287.00	347,371.19	41.55%
52188	BANK SERVICE FEES	241.08	217.00	1,744.25	2,600.00	855.75	67.09%
52190	PUBLICATIONS & LEGAL NOTICES	800.00	283.00	800.00	3,400.00	2,600.00	23.53%
52200	RENTS & LEASES - EQUIPMENT	257.47	3,525.00	1,091.43	44,450.00	43,358.57	2.46%
52210	RENTS & LEASES - STRUCTURES	46,500.00	46,500.00	46,500.00	97,100.00	50,600.00	47.89%
52220	SMALL TOOLS & INSTRUMENTS	988.17	5,664.00	4,805.66	46,215.00	41,409.34	10.40%
52230	DISTRICT SPECIAL EXPENSE	184.95	14,740.00	19,444.77	107,670.00	88,225.23	18.06%
52250	TRANSPORTATION & TRAVEL	4,371.21	13,710.00	28,836.44	167,740.00	138,903.56	17.19%
52260	UTILITIES	35,574.43	30,739.00	87,502.28	253,190.00	165,687.72	34.56%
53280	PAYMENTS TO OTHER AGENCIES	0.00	369,100.00	12,669.50	1,496,900.00	1,484,230.50	0.85%
53300	FERC	22,500.00	22,500.00	362,474.58	743,856.00	381,381.42	48.73%
54000	CAPITAL OUTLAYS	60,017.72	61,000.00	164,221.14	204,000.00	39,778.86	80.50%
Report Difference		781,598.82	1,337,440.50	4,781,108.33	12,745,359.00	7,964,250.67	37.51%

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON

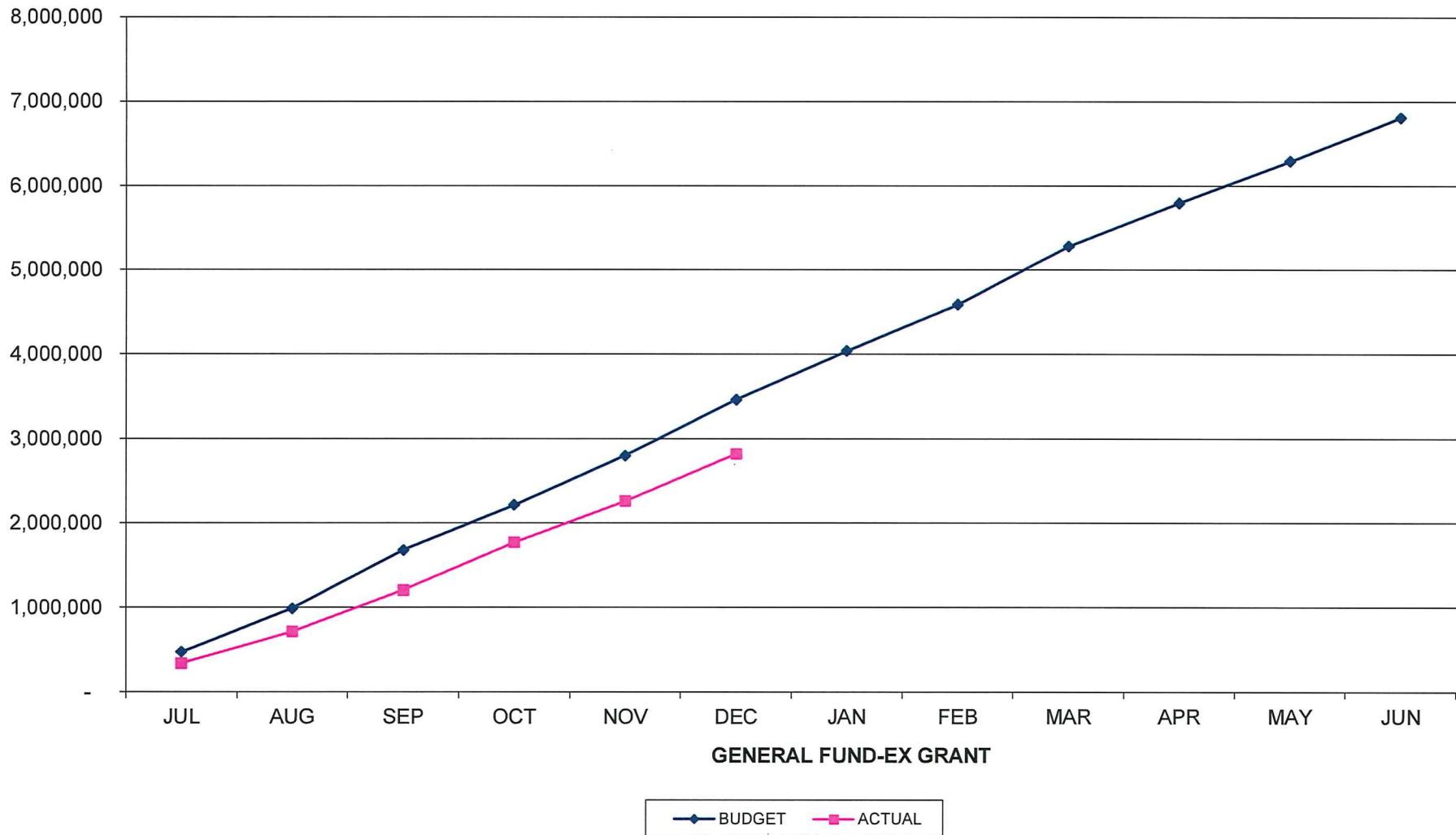


KINGS RIVER CONSERVATION DISTRICT  
Summary Budget Comparison - GENERAL FUND (201.17.04)  
From 12/1/2020 Through 12/31/2020  
EXP

AGENDA ITEM 8a

Account Code	Account Title	Current Period Budget -		Total To Date Actual	2020-2021 Budget	Total Budget Variance	Percent of Budget Used
		Current Period Actual	Original			YTD	
51000	SALARIES & WAGES	199,468.36	217,271.00	1,201,170.46	2,538,664.00	1,337,493.54	47.32%
51011	DIRECTORS COMPENSATION	3,500.00	3,500.00	21,000.00	42,000.00	21,000.00	50.00%
51021	PENSION PLAN	19,206.46	23,685.00	130,884.09	307,903.00	177,018.91	42.51%
51022	PAYROLL TAXES	20,572.01	24,802.00	145,525.03	322,428.00	176,902.97	45.13%
51030	EMPLOYEE HEALTH INSURANCE	69,842.26	79,963.00	423,149.84	959,559.00	536,409.16	44.10%
51033	UNEMPLOYMENT INSURANCE	0.00	417.00	2,149.00	5,000.00	2,851.00	42.98%
52050	SAFETY SUPPLIES	1,079.34	1,698.00	4,960.38	17,079.00	12,118.62	29.04%
52060	COMMUNICATIONS	3,176.59	2,288.00	16,007.66	27,324.00	11,316.34	58.58%
52090	HOUSEHOLD EXPENSE	0.00	258.00	145.42	3,145.00	2,999.58	4.62%
52100	INSURANCE & BONDS	9,055.01	12,066.00	126,786.77	218,456.00	91,669.23	58.04%
52120	MAINTENANCE - EQUIPMENT	5,920.14	9,828.00	35,468.15	105,275.00	69,806.85	33.69%
52130	MAINTENANCE - STRUCTURES	5,974.68	65,744.00	96,357.26	710,275.00	613,917.74	13.57%
52140	FMP PROGRAM	17,642.49	8,071.00	18,757.49	111,848.00	93,090.51	16.77%
52150	MEMBERSHIPS	1,100.00	3,741.00	31,738.00	41,410.00	9,672.00	76.64%
52160	MISCELLANEOUS	146.51	1,452.00	2,169.47	15,902.00	13,732.53	13.64%
52170	OFFICE EXPENSE	3,262.63	13,012.50	39,917.51	143,280.00	103,362.49	27.86%
52181	LEGAL SERVICES	0.00	4,458.00	9,403.00	53,500.00	44,097.00	17.58%
52182	ACCOUNTING SERVICES	6,380.00	0.00	22,995.00	19,000.00	(3,995.00)	121.03%
52183	ENGINEERING SERVICES	0.00	3,142.00	4,984.50	217,700.00	212,715.50	2.29%
52184	WEATHER MODIFICATION	68,063.62	61,555.00	68,063.62	352,395.00	284,331.38	19.31%
52186	PROFESSIONAL & SPECIAL SERVICE	17,010.51	17,479.00	156,627.80	211,245.00	54,617.20	74.15%
52188	BANK SERVICE FEES	241.08	217.00	1,744.25	2,600.00	855.75	67.09%
52190	PUBLICATIONS & LEGAL NOTICES	0.00	83.00	0.00	1,000.00	1,000.00	0.00%
52200	RENTS & LEASES - EQUIPMENT	257.47	3,375.00	1,091.43	38,400.00	37,308.57	2.84%
52210	RENTS & LEASES - STRUCTURES	46,500.00	46,500.00	46,500.00	95,100.00	48,600.00	48.90%
52220	SMALL TOOLS & INSTRUMENTS	585.44	1,814.00	2,884.64	25,015.00	22,130.36	11.53%
52230	DISTRICT SPECIAL EXPENSE	149.95	12,740.00	18,830.77	78,670.00	59,839.23	23.94%
52250	TRANSPORTATION & TRAVEL	4,005.48	11,615.00	26,450.05	139,800.00	113,349.95	18.92%
52260	UTILITIES	464.47	1,039.00	2,341.24	10,840.00	8,498.76	21.60%
53280	PAYMENTS TO OTHER AGENCIES	0.00	369,100.00	11,469.50	1,495,700.00	1,484,230.50	0.77%
54000	CAPITAL OUTLAYS	<u>60,017.72</u>	<u>61,000.00</u>	<u>164,221.14</u>	<u>168,000.00</u>	<u>3,778.86</u>	<u>97.75%</u>
	Total EXP	<u>563,622.22</u>	<u>1,061,913.50</u>	<u>2,833,793.47</u>	<u>8,478,513.00</u>	<u>5,644,719.53</u>	<u>33.42%</u>
Report Difference		<u>563,622.22</u>	<u>1,061,913.50</u>	<u>2,833,793.47</u>	<u>8,478,513.00</u>	<u>5,644,719.53</u>	<u>33.42%</u>

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON

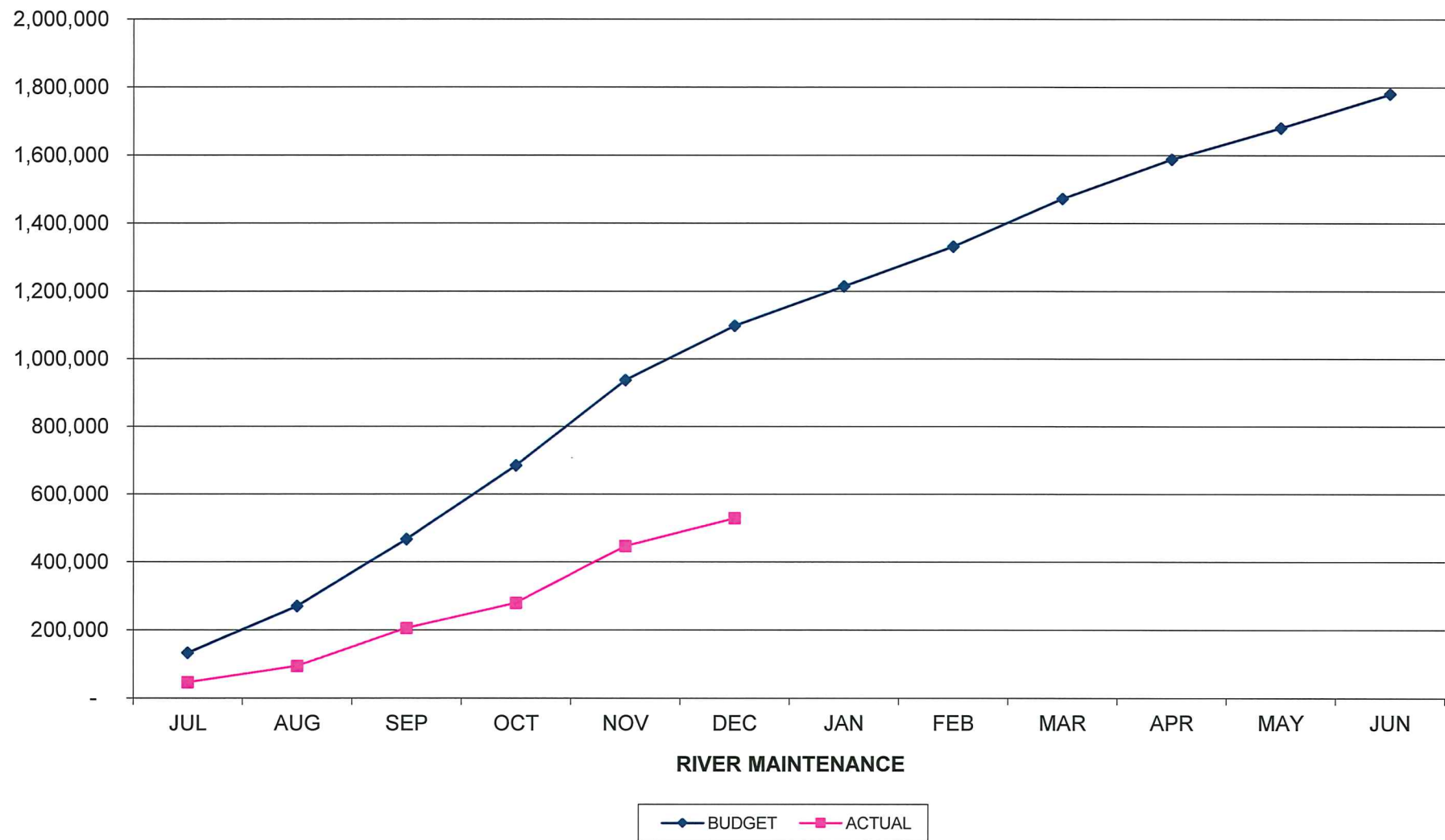




KINGS RIVER CONSERVATION DISTRICT  
Summary Budget Comparison - GENERAL FUND (201.17.04) EX GRANTS  
From 12/1/2020 Through 12/31/2020  
EXP

Account Code	Account Title	Current Period Budget -		Total To Date Actual	2020-2021 Budget	Total Budget Variance	Percent of Budget Used
		Current Period Actual	Original			YTD	
51000	SALARIES & WAGES	199,029.78	215,919.00	1,196,973.85	2,521,082.00	1,324,108.15	47.48%
51011	DIRECTORS COMPENSATION	3,500.00	3,500.00	21,000.00	42,000.00	21,000.00	50.00%
51021	PENSION PLAN	19,206.46	23,685.00	130,884.09	307,903.00	177,018.91	42.51%
51022	PAYROLL TAXES	20,572.01	24,802.00	145,525.03	322,428.00	176,902.97	45.13%
51030	EMPLOYEE HEALTH INSURANCE	69,842.26	79,963.00	423,149.84	959,559.00	536,409.16	44.10%
51033	UNEMPLOYMENT INSURANCE	0.00	417.00	2,149.00	5,000.00	2,851.00	42.98%
52050	SAFETY SUPPLIES	1,079.34	1,698.00	4,960.38	17,079.00	12,118.62	29.04%
52060	COMMUNICATIONS	3,176.59	2,288.00	16,007.66	27,324.00	11,316.34	58.58%
52090	HOUSEHOLD EXPENSE	0.00	258.00	145.42	3,145.00	2,999.58	4.62%
52100	INSURANCE & BONDS	9,055.01	12,066.00	126,786.77	218,456.00	91,669.23	58.04%
52120	MAINTENANCE - EQUIPMENT	5,920.14	9,828.00	35,468.15	105,275.00	69,806.85	33.69%
52130	MAINTENANCE - STRUCTURES	5,974.68	65,744.00	96,357.26	710,275.00	613,917.74	13.57%
52140	FMP PROGRAM	17,642.49	8,071.00	18,757.49	111,848.00	93,090.51	16.77%
52150	MEMBERSHIPS	1,100.00	3,741.00	31,738.00	41,410.00	9,672.00	76.64%
52160	MISCELLANEOUS	146.51	1,452.00	2,169.47	15,902.00	13,732.53	13.64%
52170	OFFICE EXPENSE	3,262.63	13,012.50	39,897.75	143,280.00	103,382.25	27.85%
52181	LEGAL SERVICES	0.00	4,458.00	9,403.00	53,500.00	44,097.00	17.58%
52182	ACCOUNTING SERVICES	6,380.00	0.00	22,995.00	19,000.00	(3,995.00)	121.03%
52183	ENGINEERING SERVICES	0.00	3,142.00	0.00	37,700.00	37,700.00	0.00%
52184	WEATHER MODIFICATION	68,063.62	61,555.00	68,063.62	352,395.00	284,331.38	19.31%
52186	PROFESSIONAL & SPECIAL SERVICE	17,010.51	17,479.00	156,627.80	211,245.00	54,617.20	74.15%
52188	BANK SERVICE FEES	241.08	217.00	1,744.25	2,600.00	855.75	67.09%
52190	PUBLICATIONS & LEGAL NOTICES	0.00	83.00	0.00	1,000.00	1,000.00	0.00%
52200	RENTS & LEASES - EQUIPMENT	257.47	3,375.00	1,091.43	38,400.00	37,308.57	2.84%
52210	RENTS & LEASES - STRUCTURES	46,500.00	46,500.00	46,500.00	95,100.00	48,600.00	48.90%
52220	SMALL TOOLS & INSTRUMENTS	585.44	1,814.00	2,884.64	25,015.00	22,130.36	11.53%
52230	DISTRICT SPECIAL EXPENSE	149.95	12,740.00	18,830.77	78,670.00	59,839.23	23.94%
52250	TRANSPORTATION & TRAVEL	4,005.48	11,615.00	26,450.05	139,800.00	113,349.95	18.92%
52260	UTILITIES	464.47	1,039.00	2,341.24	10,840.00	8,498.76	21.60%
53280	PAYMENTS TO OTHER AGENCIES	0.00	100.00	11,469.50	19,700.00	8,230.50	58.22%
54000	CAPITAL OUTLAYS	60,017.72	61,000.00	164,221.14	168,000.00	3,778.86	97.75%
	Total EXP	563,183.64	691,561.50	2,824,592.60	6,804,931.00	3,980,338.40	41.51%
Report Difference		563,183.64	691,561.50	2,824,592.60	6,804,931.00	3,980,338.40	41.51%

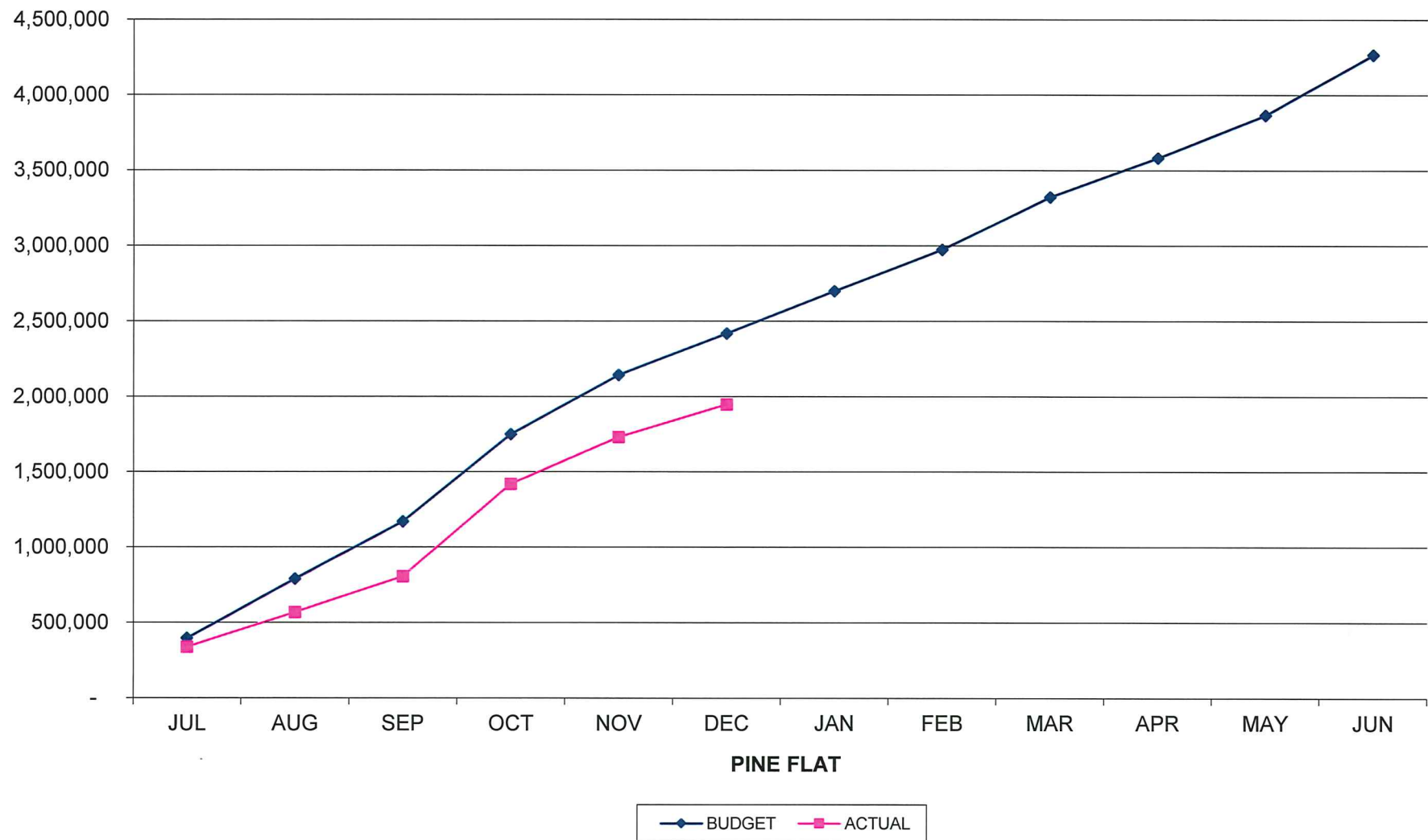
# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON



KINGS RIVER CONSERVATION DISTRICT  
Summary Budget Comparison - RIVER MAINTENANCE FUND (201.17.04)  
From 12/1/2020 Through 12/31/2020  
EXP

Account Code	Account Title	Current Period Budget -		Total to Date Actual	2020-2021 Budget	Total Budget Variance	Percent of Budget Used
		Current Period Actual	Original			YTD	
51000	SALARIES & WAGES	31,664.21	38,863.00	213,707.22	505,216.00	291,508.78	42.30%
52050	SAFETY SUPPLIES	771.39	1,204.00	3,277.37	14,450.00	11,172.63	22.68%
52060	COMMUNICATIONS	275.63	225.00	1,072.57	2,700.00	1,627.43	39.72%
52090	HOUSEHOLD EXPENSE	0.00	237.00	126.00	2,895.00	2,769.00	4.35%
52100	INSURANCE & BONDS	0.00	0.00	15,464.20	15,700.00	235.80	98.50%
52120	MAINTENANCE - EQUIPMENT	4,441.78	5,901.00	26,655.69	70,950.00	44,294.31	37.57%
52130	MAINTENANCE - STRUCTURES	5,974.68	65,492.00	96,262.26	692,775.00	596,512.74	13.90%
52150	MEMBERSHIPS	0.00	400.00	60.00	900.00	840.00	6.67%
52160	MISCELLANEOUS	0.00	325.00	535.28	5,350.00	4,814.72	10.01%
52170	OFFICE EXPENSE	149.61	195.00	348.94	4,065.00	3,716.06	8.58%
52181	LEGAL SERVICES	0.00	500.00	0.00	6,000.00	6,000.00	0.00%
52183	ENGINEERING SERVICES	0.00	2,725.00	4,429.50	182,700.00	178,270.50	2.42%
52186	PROFESSIONAL & SPECIAL SERVICE	111.80	0.00	858.66	500.00	(358.66)	171.73%
52200	RENTS & LEASES - EQUIPMENT	216.98	3,000.00	1,050.94	36,000.00	34,949.06	2.92%
52220	SMALL TOOLS & INSTRUMENTS	501.99	650.00	2,243.78	10,500.00	8,256.22	21.37%
52230	DISTRICT SPECIAL EXPENSE	0.00	690.00	0.00	7,370.00	7,370.00	0.00%
52250	TRANSPORTATION & TRAVEL	2,681.83	5,800.00	22,636.57	71,600.00	48,963.43	31.62%
52260	UTILITIES	464.47	989.00	2,341.24	10,240.00	7,898.76	22.86%
54000	CAPITAL OUTLAYS	<u>34,030.18</u>	<u>33,000.00</u>	<u>138,233.60</u>	<u>140,000.00</u>	<u>1,766.40</u>	<u>98.74%</u>
	Total EXP	<u>81,284.55</u>	<u>160,196.00</u>	<u>529,303.82</u>	<u>1,779,911.00</u>	<u>1,250,607.18</u>	<u>29.74%</u>
Report Difference		<u>81,284.55</u>	<u>160,196.00</u>	<u>529,303.82</u>	<u>1,779,911.00</u>	<u>1,250,607.18</u>	<u>29.74%</u>

# KINGS RIVER CONSERVATION DISTRICT BUDGET TO ACTUAL COMPARISON



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

EXP  
From 12/1/2020 Through 12/31/2020

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	115,928.76	136,817.00	791,671.41	1,778,604.00	986,932.59	44.51%
52050	SAFETY SUPPLIES	792.77	1,200.00	2,210.19	14,400.00	12,189.81	15.34%
52060	COMMUNICATIONS	1,634.40	3,540.00	26,506.55	42,480.00	15,973.45	62.39%
52090	HOUSEHOLD EXPENSE	999.43	800.00	3,100.50	9,600.00	6,499.50	32.29%
52100	INSURANCE & BONDS	0.00	0.00	386,857.73	245,500.00	(141,357.73)	157.57%
52120	MAINTENANCE - EQUIPMENT	11,600.12	16,290.00	71,478.76	195,379.00	123,900.24	36.58%
52130	MAINTENANCE - STRUCTURES	700.20	3,150.00	3,370.95	37,800.00	34,429.05	8.91%
52150	MEMBERSHIPS	1,200.00	0.00	1,200.00	2,950.00	1,750.00	40.67%
52160	MISCELLANEOUS	0.00	150.00	73,949.13	83,100.00	9,150.87	88.98%
52170	OFFICE EXPENSE	875.53	2,945.00	3,617.87	38,240.00	34,622.13	9.46%
52181	LEGAL SERVICES	440.00	4,000.00	1,698.00	48,000.00	46,302.00	3.53%
52182	ACCOUNTING SERVICES	0.00	0.00	0.00	20,600.00	20,600.00	0.00%
52183	ENGINEERING SERVICES	8,582.76	18,000.00	29,246.10	216,000.00	186,753.90	13.53%
52184	WEATHER MODIFICATION	7,562.63	3,340.00	7,562.63	39,155.00	31,592.37	19.31%
52186	PROFESSIONAL & SPECIAL SERVICE	8,446.58	24,800.00	90,288.01	383,042.00	292,753.99	23.57%
52190	PUBLICATIONS & LEGAL NOTICES	800.00	200.00	800.00	2,400.00	1,600.00	33.33%
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	402.73	3,850.00	1,921.02	21,200.00	19,278.98	9.06%
52230	DISTRICT SPECIAL EXPENSE	35.00	2,000.00	614.00	29,000.00	28,386.00	2.11%
52250	TRANSPORTATION & TRAVEL	365.73	2,095.00	2,386.39	27,940.00	25,553.61	8.54%
52260	UTILITIES	35,109.96	29,700.00	85,161.04	242,350.00	157,188.96	35.13%
53280	PAYMENTS TO OTHER AGENCIES	0.00	0.00	1,200.00	1,200.00	0.00	100.00%
53300	FERC	22,500.00	22,500.00	362,474.58	743,856.00	381,381.42	48.72%
54000	CAPITAL OUTLAYS	0.00	0.00	0.00	36,000.00	36,000.00	0.00%
	Total EXP	217,976.60	275,527.00	1,947,314.86	4,266,846.00	2,319,531.14	45.64%
Report Difference		217,976.60	275,527.00	1,947,314.86	4,266,846.00	2,319,531.14	45.64%

KINGS RIVER CONSERVATION DISTRICT  
**Monthly General Fund Investment Report**  
 December, 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><u>General Fund Bank Accounts:</u></b>								
Chase Bank, N.A. Operating Accounts	\$ 570,920.89	2.5%	No Max	\$ -	0.00%	\$ -	\$ -	\$ 570,920.89
Subtotal General Fund Bank Accounts	\$ 570,920.89			\$ -		\$ -	\$ -	\$ 570,920.89
<b><u>General Fund Investment Pools :</u></b>								
Local Agency Investment Fund (LAIF)	\$ 2,221,592.44	9.7%	No Max	\$ -	0.58%	\$ 1,103.90	\$ 3,811.17	\$ 2,225,403.61
Fresno County Investment Pool	\$ 14,362,964.00	62.7%	No Max	\$ 49,012.37	1.76%	\$ 21,372.81	\$ 59,561.77	\$ 14,422,525.77
Fresno County Investment Pool - Stabilization Fund	\$ 5,480,860.24	23.9%	No Max	\$ 22,087.66	1.76%	\$ 8,209.70	\$ 24,290.36	\$ 5,505,150.60
CalTRUST Medium Term Fund	\$ 256,758.12	1.1%	No Max	\$ 149.07	0.73%	\$ -	\$ -	\$ 256,758.12
Subtotal General Fund Investment Pools:	\$ 22,322,174.80			\$ 71,249.10		\$ 30,686.41	\$ 87,663.30	\$ 22,409,838.10
<b>Total KRCD Operating Funds:</b>	<b>\$ 22,893,095.69</b>			<b>\$ 71,249.10</b>		<b>\$ 30,686.41</b>	<b>\$ 87,663.30</b>	<b>\$ 22,980,758.99</b>
<b><u>Warrants:</u></b>								
	\$ -	0.0%	No Max	\$ -	0.00%	\$ -	\$ -	\$ -
Subtotal Investments in Notes and Warrants:	\$ -			\$ -		\$ -	\$ -	\$ -
<b><u>General Fund Investment Accounts :</u></b>								
J.P. Morgan Securities								
Commercial Paper	\$ -	0.0%	25%	\$ -	0.00%	\$ -	\$ -	\$ -
Corporate Bonds	\$ -	0.0%	30%	\$ -	0.00%	\$ -	\$ -	\$ -
Subtotal Investment Funds:	\$ -			\$ -		\$ -	\$ -	\$ -
<b>Total General Fund Cash &amp; Investments</b>	<b>\$ 22,893,095.69</b>			<b>\$ 71,249.10</b>		<b>\$ 30,686.41</b>	<b>\$ 87,663.30</b>	<b>\$ 22,980,758.99</b>

Weighted Average Earnings (based on month-end balance)

1.59%

The Fresno County Investment Pool interest rate is based on the last published rate, 1.763% at Sept 30, 2020.

*Brian Teranow*

CFO

File Code: 201.24

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KINGS RIVER CONSERVATION DISTRICT  
Schedule of Disbursements and Current Accounts Payable  
Presented January 12, 2021  
(For Expenditures in the Month Ending December 31, 2020)

Director's Payroll	12/08/20	2,678.80	
Employee Payroll	12/09/20	104,205.13	
Employee Payroll	12/23/20	102,454.68	
			209,338.61
Accounts Payable (KRCD)		434,441.53	434,441.53
	Sub-Total		643,780.14
Ready-Tax Electronic Funds Transfers:			
Employee Tax Deposits	12/02/20		43,964.54
Director's Tax Deposits	12/11/20		1,137.25
Employee Tax Deposits	12/16/20		44,455.60
Employee Tax Deposits	12/30/20		42,240.47
	TOTAL		<u>775,578.00</u>

**KINGS RIVER CONSERVATION DISTRICT**  
Check/Voucher Register - PAYROLL CHECK REGISTER  
From 12/8/2020 Through 12/8/2020

<u>Check Number</u>	<u>Check Date</u>	<u>Payee</u>	<u>Check Amount</u>
44178	12/8/2020	DAVID P. STANFIELD	461.75
V24557	12/8/2020	GREGORY H. BEBERIAN	461.75
V24559	12/8/2020	CEIL W. HOWE JR	461.75
V24560	12/8/2020	CHRIS M. KAPHEIM	321.75
V24561	12/8/2020	MARK C. MCKEAN	498.55
V24562	12/8/2020	MASARU YOSHIMOTO	<u>473.25</u>
Report Total			<u><u>2,678.80</u></u>

KINGS RIVER CONSERVATION DISTRICT  
Check/Voucher Register - PAYROLL CHECK REGISTER  
From 12/9/2020 Through 12/9/2020

Check Number	Check Date Payee	Check Amount
V24563	12/9/2020 MANAGER, POWER PLANT O&M	3,424.05
V24564	12/9/2020 SR. ACCOUNTANT	2,199.18
V24565	12/9/2020 PROGRAM & REGULATORY ANALYST	2,537.11
V24566	12/9/2020 FLOOD MAINTENANCE WORKER II	1,343.16
V24567	12/9/2020 SENIOR MECHANIC	2,545.40
V24568	12/9/2020 MANAGER, FLOOD OPERATIONS & MAINTENANCE	2,895.11
V24569	12/9/2020 CONTROLLER	3,267.35
V24570	12/9/2020 SR OPERATOR	3,810.88
V24571	12/9/2020 ELECTRICIAN	2,421.82
V24572	12/9/2020 MGR, WATER RESOURCES	2,486.71
V24574	12/9/2020 SENIOR ELECTRICIAN	2,194.36
V24575	12/9/2020 FLOOD MAINTENANCE WORKER I	1,223.86
V24576	12/9/2020 DIRECTOR OF WATER RESOURCES	3,023.97
V24577	12/9/2020 SUPERVISOR, FLOOD OPERATIONS & MAINTENANCE	2,085.37
V24578	12/9/2020 FLOOD MAINTENANCE WORKER II	1,627.59
V24579	12/9/2020 EXTERNAL AFFAIRS COORDINATOR	693.21
V24580	12/9/2020 ELECTRO-MECH. TESTING TECH.	2,818.15
V24581	12/9/2020 ELECTRO-MECH. TESTING TECH.	2,826.66
V24582	12/9/2020 BUYER	1,989.99
V24583	12/9/2020 FLOOD MAINENANCE WORKER I	1,121.79
V24584	12/9/2020 ASSOCIATE RESOURCE ANALYST	2,118.95
V24585	12/9/2020 SENIOR MECHANIC	2,328.12
V24586	12/9/2020 SENIOR OPERATOR	2,667.49
V24587	12/9/2020 FLOOD MAINTENANCE WORKER I	1,038.74
V24588	12/9/2020 MAINTENANCE JOURNYWORKER	1,828.77
V24589	12/9/2020 EXECUTIVE ASSISTANT	2,160.17
V24590	12/9/2020 DEPUTY GENERAL MANAGER,COO	5,611.05
V24591	12/9/2020 SENIOR OPERATOR	3,868.08
V24592	12/9/2020 SR. ACCOUNTING ASSISTANT	1,433.00
V24593	12/9/2020 FLOOD MAINENANCE WORKER I	1,245.55
V24594	12/9/2020 GENERAL MANAGER	4,803.39
V24595	12/9/2020 EXTERNAL AFFAIRS SPECIALIST	1,825.99
V24596	12/9/2020 SR. ADMINISTRATIVE ASSISTANT	1,301.38
V24597	12/9/2020 CUSTOMER SERVICE REPRESENTATIVE	1,190.61
V24598	12/9/2020 SENIOR OPERATOR	3,068.69
V24599	12/9/2020 SR. ADMINISTRATIVE ASSISTANT	1,201.31
V24600	12/9/2020 RESOURCE ANALYST I	2,248.88
V24601	12/9/2020 ASSOCIATE RESOURCE ANALYST	2,428.34
V24602	12/9/2020 DEPUTY GENERAL MANAGER,CFO	3,845.88
V24603	12/9/2020 MANAGER, COMMUNITY/PUBLIC RELATIONS	3,187.21
V24604	12/9/2020 RESOURCE ANALYST I	1,675.64
V24605	12/9/2020 RESOURCE ANALYST I	1,606.94
V24606	12/9/2020 MANAGER, HUMAN RESOURCES	2,131.30
V24607	12/9/2020 SENIOR OPERATOR	<u>2,853.93</u>
Report Total		<u>104,205.13</u>

KINGS RIVER CONSERVATION DISTRICT  
Check/Voucher Register - PAYROLL CHECK REGISTER  
From 12/23/2020 Through 12/23/2020

Check Number	Check Date Payee	Check Amount
V24608	12/23/2020 MANAGER, POWER PLANT O&M	3,445.02
V24609	12/23/2020 SR. ACCOUNTANT	2,199.19
V24610	12/23/2020 PROGRAM & REGULATORY ANALYST	2,497.84
V24611	12/23/2020 FLOOD MAINTENANCE WORKER II	1,343.18
V24612	12/23/2020 SENIOR MECHANIC	2,545.39
V24613	12/23/2020 MANAGER, FLOOD OPERATIONS & MAINTENANCE	2,894.83
V24614	12/23/2020 CONTROLLER	3,267.33
V24615	12/23/2020 SR OPERATOR	2,298.66
V24616	12/23/2020 ELECTRICIAN	2,421.83
V24617	12/23/2020 MGR, WATER RESOURCES	2,486.70
V24619	12/23/2020 SENIOR ELECTRICIAN	2,194.35
V24620	12/23/2020 FLOOD MAINTENANCE WORKER I	1,223.86
V24621	12/23/2020 DIRECTOR OF WATER RESOURCES	2,822.58
V24622	12/23/2020 SUPERVISOR, FLOOD OPERATIONS & MAINTENANCE	2,083.87
V24623	12/23/2020 FLOOD MAINTENANCE WORKER II	1,627.60
V24624	12/23/2020 EXTERNAL AFFAIRS COORDINATOR	833.94
V24625	12/23/2020 ELECTRO-MECH. TESTING TECH.	2,818.16
V24626	12/23/2020 ELECTRO-MECH. TESTING TECH.	2,699.41
V24627	12/23/2020 BUYER	1,989.97
V24628	12/23/2020 FLOOD MAINENANCE WORKER I	1,121.78
V24629	12/23/2020 PROGRAM & REGULATORY ANALYST	2,240.77
V24630	12/23/2020 SENIOR MECHANIC	2,328.10
V24631	12/23/2020 SENIOR OPERATOR	2,667.50
V24632	12/23/2020 FLOOD MAINTENANCE WORKER I	1,038.75
V24633	12/23/2020 MAINTENANCE JOURNYWORKER	1,828.77
V24634	12/23/2020 EXECUTIVE ASSISTANT	2,160.16
V24635	12/23/2020 DEPUTY GENERAL MANAGER,COO	5,609.98
V24636	12/23/2020 SENIOR OPERATOR	2,371.27
V24637	12/23/2020 SR. ACCOUNTING ASSISTANT	1,432.98
V24638	12/23/2020 FLOOD MAINENANCE WORKER I	1,245.56
V24639	12/23/2020 GENERAL MANAGER	4,736.63
V24640	12/23/2020 EXTERNAL AFFAIRS SPECIALIST	1,746.27
V24641	12/23/2020 SR. ADMINISTRATIVE ASSISTANT	1,301.37
V24642	12/23/2020 CUSTOMER SERVICE REPRESENTATIVE	1,265.61
V24643	12/23/2020 SENIOR OPERATOR	3,213.03
V24644	12/23/2020 SR. ADMINISTRATIVE ASSISTANT	1,201.30
V24645	12/23/2020 RESOURCE ANALYST I	2,248.88
V24646	12/23/2020 ASSOCIATE RESOURCE ANALYST	2,478.51
V24647	12/23/2020 DEPUTY GENERAL MANAGER,CFO	4,180.26
V24648	12/23/2020 MANAGER, COMMUNITY/PUBLIC RELATIONS	3,187.22
V24649	12/23/2020 RESOURCE ANALYST I	1,715.62
V24650	12/23/2020 RESOURCE ANALYST I	1,606.95
V24651	12/23/2020 MANAGER, HUMAN RESOURCES	2,131.30
V24652	12/23/2020 SENIOR OPERATOR	3,702.40
Report Total		<u>102,454.68</u>

103473	12/9/2020	VALERO FLEET	VOID (LOST CHECK)	\$	(234.49)
103841	12/4/2020	ASSOCIATED COMPRESSOR &	MISC. MATERIAL	\$	366.12
103842	12/4/2020	ASSOCIATION OF CALIFORNIA	VACANCY ANNOUNCEMENT	\$	625.00
103843	12/4/2020	AT & T	INTERNET SERVICE	\$	118.55
103844	12/4/2020	BURLINGTON SAFETY LAB (PL)	GLOVE TESTING	\$	331.06
103845	12/4/2020	THE FERGUSON GROUP LLC	PROFESSIONAL SERVICES	\$	1,750.00
103846	12/4/2020	FRESNO EQUIPMENT COMPANY	MISC. MATERIAL	\$	547.57
103847	12/4/2020	FRONTIER COMMUNICATIONS	SERVICE & L/D CALLS	\$	495.58
103848	12/4/2020	HDR ENGINEERING, INC.	RELICENSING SUPPORT	\$	1,876.51
103849	12/4/2020	THE HOME DEPOT PRO	MISC. MATERIAL	\$	28.80
103850	12/4/2020	INIGUEZ TIRE & WHEEL	SERVICE CALL/TIRE REPAIR	\$	412.80
103851	12/4/2020	KINGS RIVER CONSERVANCY	ANNUAL DONATION	\$	1,000.00
103852	12/4/2020	MCMaster-CARR	MISC. MATERIAL	\$	218.15
103853	12/4/2020	McCOY POWER CONSULTANTS, INC.	NERC-WECC CMRP	\$	4,200.00
103854	12/4/2020	OFFICE DEPOT	OFFICE SUPPLIES	\$	171.32
103855	12/4/2020	PC SOLUTIONS	IT SERVICES	\$	6,251.47
103856	12/4/2020	PACIFIC GAS & ELECTRIC DTL	RIVERDALE YARD	\$	184.10
103857	12/4/2020	PACIFIC GAS & ELECTRIC HTK	POWERHOUSE	\$	140.25
103858	12/4/2020	PRUDENTIAL OVERALL SUPPLY	WORK UNIFORMS	\$	166.90
103859	12/4/2020	QUINN COMPANY	MISC. MATERIAL	\$	118.26
103860	12/4/2020	RENT-A-TOILET	SINGLE TRAILER TOILET RENTAL	\$	200.00
103861	12/4/2020	STATIONARY ENGINEERS LOCAL 39	PENSION CONTRIB-NOV 20	\$	1,260.80
103862	12/4/2020	TELCO ENTERPRISES	IP TRUNKING COST	\$	236.04
103863	12/4/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	27.28
103864	12/4/2020	VERIZON WIRELESS	CELL PHONES	\$	1,013.20
103865	12/4/2020	WORKBOOT EMPORIUM	WORK BOOTS	\$	181.39
103866	12/9/2020	STATIONARY ENGINEERS, LOCAL 39	UNION DUES	\$	464.83
103867	12/9/2020	UNITED WAY OF FRESNO COUNTY	CONTRIBUTIONS	\$	10.00
103868	12/9/2020	FAHRNEY FORD	2020 FORD ESCAPE	\$	25,987.54
103869	12/9/2020	VALERO FLEET	VEHICLE FUEL	\$	234.49
103870	12/10/2020	ADMINISTRATIVE SOLUTIONS	C/P ADMIN FEES NOV 2020	\$	126.00
103871	12/10/2020	CALAVERAS TROUT FARM, INC.	RAINBOW TROUT	\$	8,920.00
103872	12/10/2020	CAR AUTO CENTER	MISC. SERVICE/REPAIR	\$	426.86
103873	12/10/2020	EL RIO REYES TRUST	ANNUAL DONATION	\$	100.00
103874	12/10/2020	FRESNO EQUIPMENT COMPANY	MISC. MATERIAL	\$	122.48
103875	12/10/2020	FRESNO OXYGEN	TANK RENTAL	\$	95.61
103876	12/10/2020	THE GUALCO GROUP, INC	PROFESSIONAL SERVICES	\$	5,266.60
103877	12/10/2020	THE HOME DEPOT PRO	MISC. MATERIAL	\$	790.43
103878	12/10/2020	INTEGRITY NETWORKS, LLC	WIRELESS INTERNET	\$	347.97
103879	12/10/2020	KLEIN, DENATALE, GOLDNER,	PROFESSIONAL SERVICES	\$	2,240.00
103880	12/10/2020	LEGAL SHIELD	PR DEDUCTIONS FOR NOV 2020	\$	502.50
103881	12/10/2020	MIRAMONTE SANITATION	GARBAGE DISPOSAL	\$	206.47
103882	12/10/2020	OFFICE OVERLOAD	DECALS FOR TRACTOR	\$	52.08
103883	12/10/2020	PACIFIC STORAGE COMPANY	MONTHLY STORAGE	\$	144.25
103884	12/10/2020	PACIFIC GAS & ELECTRIC KTL	WEIR GATES	\$	29.02
103885	12/10/2020	PACIFIC GAS & ELECTRIC RTL5-1	ZALDA SUMP #1	\$	57.53
103886	12/10/2020	PACIFIC GAS & ELECTRIC RTL2-2	ZALDA SUMP #2	\$	22.90
103887	12/10/2020	PACIFIC GAS & ELECTRIC WTL9-3	ZALDA SUMP #3	\$	24.83
103888	12/10/2020	PACIFIC GAS & ELECTRIC WTL0-4	ZALDA SUMP #4	\$	22.90
103889	12/10/2020	PACIFIC GAS & ELECTRIC WTL6-5	ZALDA SUMP #5	\$	22.13
103890	12/10/2020	PACIFIC GAS & ELECTRIC WTL0-6	ZALDA SUMP #6	\$	47.76
103891	12/10/2020	PACIFIC GAS & ELECTRIC WTL9-7	ZALDA SUMP #7	\$	48.89

103892	12/10/2020	PACIFIC GAS & ELECTRIC WTL8-8	SUMP #8	\$	22.90
103893	12/10/2020	PACIFIC GAS & ELECTRIC WTL9-9	SUMP #9	\$	47.76
103894	12/10/2020	PACIFIC GAS & ELECTRIC YTJ	O & M OFFICE & POWER PLANT	\$	235.78
103895	12/10/2020	PRICE, PAIGE & COMPANY	PROFESSIONAL SERVICES	\$	6,380.00
103896	12/10/2020	PRUDENTIAL OVERALL SUPPLY	SHOP TOWELS/COVERALLS	\$	225.03
103897	12/10/2020	RAY MORGAN COMPANY	MAINTENANCE AGREEMENT	\$	221.26
103898	12/10/2020	RIVERDALE AUTO PARTS	MISC. MATERIAL	\$	341.50
103899	12/10/2020	RIVERDALE PUBLIC UTILITY	RIVERDALE SHOP	\$	110.53
103900	12/10/2020	SCOTT FLAKE CONSULTING, INC.	PROFESSIONAL SERVICES	\$	6,706.25
103901	12/10/2020	SPARKLETTS	BOTTLED WATER	\$	28.73
103902	12/10/2020	THE GAS COMPANY	GAS CHARGES	\$	70.16
103903	12/10/2020	SUBURBAN PROPANE	BULK TANK RENTAL	\$	40.49
103904	12/10/2020	TARGET SPECIALTY PRODUCTS INC	ALLIGARE DIURON	\$	5,962.26
103905	12/10/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	57.80
103906	12/10/2020	VAN NESS FELDMAN LLP	PROFESSIONAL SERVICES	\$	440.00
103907	12/18/2020	ACWA JOINT POWERS	HEALTH, DENTAL, VISION & EAP	\$	89,885.53
103908	12/18/2020	AFLAC	11/25/20-12/09/20	\$	3,075.90
103909	12/18/2020	ALLARDS INC	FILE FOLDERS	\$	584.94
103910	12/18/2020	ALLIED ELECTRIC MOTOR SERV INC	MISC. MATERIAL	\$	46.42
103911	12/18/2020	AT&T	PHONE SERVICE	\$	811.81
103912	12/18/2020	AT&T	PHONE SERVICE	\$	94.86
103913	12/18/2020	AT&T	PHONE SERVICE	\$	47.99
103914	12/18/2020	AT&T	T1 LINE	\$	82.48
103915	12/18/2020	CALAVERAS TROUT FARM, INC.	RAINBOW TROUT	\$	10,258.00
103916	12/18/2020	LEASE CORPORATION OF AMERICA	COPIER LEASE	\$	523.50
103917	12/18/2020	NORTHWEST HYDROELECTRIC ASSOC	MEMBERSHIP RENEWAL	\$	1,200.00
103918	12/18/2020	ORKIN, 741 - FRESNO, CA	PEST CONTROL	\$	226.00
103919	12/18/2020	QUINN COMPANY	MISC. MATERIAL	\$	208.47
103920	12/18/2020	SAFETY-KLEEN SYSTEMS, INC.	OIL WASTE PICK UP	\$	373.78
103921	12/18/2020	SEQUOIA PUMPING	SEWAGE DISPOSAL	\$	450.00
103922	12/18/2020	STANTEC CONSULTING SERVICES	KRCD STORAGE APPRAISAL STUDY	\$	557.26
103923	12/18/2020	FAHRNEY FORD	2021 FORD F350	\$	34,030.18
103924	12/18/2020	TELCO ENTERPRISES	SOFTPHONE LICENSES	\$	647.85
103925	12/18/2020	VALERO FLEET	VEHICLE FUEL	\$	223.35
103926	12/23/2020	STATIONARY ENGINEERS, LOCAL 39	UNION DUES	\$	464.92
103927	12/23/2020	UNITED WAY OF FRESNO COUNTY	CONTRIBUTIONS	\$	10.00
103928	12/23/2020	ADMINISTRATIVE SOLUTIONS	C/P ADMIN FEES DEC 2020	\$	126.00
103929	12/23/2020	AT&T	LONG DISTANCE CALLS	\$	197.40
103930	12/23/2020	AT & T	CONFERENCE CALLS	\$	80.95
103931	12/23/2020	CN UTILITY CONSULTING, INC.	PROFESSIONAL SERVICES	\$	3,000.00
103932	12/23/2020	COFFEE BREAK SERVICE INC	COFFEE	\$	46.50
103933	12/23/2020	KONECRANES INC	INSPECTION & CERTIFICATION	\$	1,035.00
103934	12/23/2020	DIAMOND MOWERS, LLC	MISC. MATERIAL	\$	649.14
103935	12/23/2020	FP FINANCE PROGRAM	MAIL MACHINE LEASE	\$	165.66
103936	12/23/2020	GRAINGER	MISC. MATERIAL	\$	113.54
103937	12/23/2020	MCMaster-CARR	MISC. MATERIAL	\$	92.77
103938	12/23/2020	NEWGEN STRATEGIES & SOLUTIONS	PROFESSIONAL SERVICES	\$	2,400.00
103939	12/23/2020	PRUDENTIAL OVERALL SUPPLY	WORK UNIFORMS	\$	166.90
103940	12/23/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	19.16
103941	12/23/2020	WORKBOOT EMPORIUM	WORK BOOTS	\$	172.75
103942	12/31/2020	AT & T	INTERNET SERVICE	\$	128.54
103943	12/31/2020	CALAVERAS TROUT FARM, INC.	RAINBOW TROUT	\$	13,380.00



103944	12/31/2020	COLD SPRINGS TROUT FARM	RAINBOW TROUT EGGS	\$	2,726.98
103945	12/31/2020	FRONTIER COMMUNICATIONS	SERVICE & L/D CALLS	\$	502.39
103946	12/31/2020	GRAINGER	MISC. MATERIAL	\$	285.88
103947	12/31/2020	JORGENSEN COMPANY	DISCHARGED CO2 CYLINDERS	\$	10,248.75
103948	12/31/2020	LEGAL SHIELD	PR DEDUCTIONS FOR DEC	\$	536.40
103949	12/31/2020	LINCOLN FINANCIAL GROUP	FQE 03/31/21 CONTRIBUTIONS	\$	174.00
103950	12/31/2020	MCMASTER-CARR	MISC. MATERIAL	\$	37.58
103951	12/31/2020	NORTH AMERICAN WEATHER	2020-2021 CLOUD SEEDING PROGRAM	\$	75,626.25
103952	12/31/2020	OFFICE DEPOT	OFFICE SUPPLIES	\$	697.49
103953	12/31/2020	PACIFIC GAS & ELECTRIC HTK	POWERHOUSE	\$	5,532.26
103954	12/31/2020	PACIFIC GAS & ELECTRIC YTJ	O & M OFFICE/POWERHOUSE	\$	27,753.58
103955	12/31/2020	QUINN COMPANY	MISC. MATERIAL	\$	1,170.61
103956	12/31/2020	RIVERDALE FARM AND HOME CENTER	MISC. MATERIAL	\$	409.41
103957	12/31/2020	SPARKLETTS	BOTTLED WATER	\$	152.13
103958	12/31/2020	SPARKLETTS	BOTTLED WATER	\$	28.76
103959	12/31/2020	SUBURBAN PROPANE	PROPANE	\$	998.09
103960	12/31/2020	SUNNYSIDE SINCLAIR	SERVICE/REPAIR	\$	52.32
103961	12/31/2020	UNITED PARCEL SERVICE	SHIPPING CHARGES	\$	11.33
103962	12/31/2020	U.S BANK CORPORATE	MEETING EXPENSES	\$	5,214.28
ACH120920	12/9/2020	VOYA RETIREMENT INSURANCE &	EE CONTRIBUTIONS	\$	3,698.12
ACHA120920	12/9/2020	ADMINISTRATIVE SOLUTIONS	EE CONTRIBUTIONS	\$	1,480.27
ACHH120920	12/9/2020	HEALTH EQUITY EMPLOYER SERVICE	ADMIN FEE	\$	383.85
ACHI120920	12/9/2020	ICMA RETIREMENT TRUST - 457	457 CONTRIBUTIONS	\$	16,504.96
ACH122320	12/23/2020	VOYA RETIREMENT INSURANCE &	EE CONTRIBUTIONS	\$	3,698.12
ACHA122320	12/23/2020	ADMINISTRATIVE SOLUTIONS	EE CONTRIBUTIONS	\$	1,480.27
ACHH122320	12/23/2020	HEALTH EQUITY EMPLOYER SERVICE	ADMIN FEES-DEC	\$	383.85
ACHI122320	12/23/2020	ICMA RETIREMENT TRUST - 457	457 CONTRIBUTIONS	\$	16,187.80
WT-420	12/23/2020	CHEVRON AND TEXACO	VEHICLE FUEL	\$	388.83
WT-421	12/23/2020	SHELL OIL COMPANY	VEHICLE FUEL	\$	3,608.24
<b>TOTAL</b>				<b>\$</b>	<b>434,441.53</b>

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

REQUISITION NO.   O & M MONTH

476	12/9/2020	KINGS RIVER CONSERVATION DISTRICT	429,208.20
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The Place to Be

December 3, 2020

To the Board of Directors of  
Kings River Conservation District  
Fresno, California

We have audited the financial statements of the governmental activities, the business-type activities, and each major fund of Kings River Conservation District (the District) for the year ended June 30, 2020. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated September 9, 2020. Professional standards also require that we communicate to you the following information related to our audit.

#### Significant Audit Matters

##### *Qualitative Aspects of Accounting Practices*

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the District are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the fiscal year. We noted no transactions entered into by the District during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the District's financial statements were:

Management's estimate of the Net Other Post-Employment Benefits Liability is based on the determination of the terms of various health care plans offered, together with relevant actuarial assumptions and health care cost trend rates, projected annual rates and discount rates. We evaluated the key factors and assumptions used to develop the Net Other Post-Employment Benefits Liability in determining that it is reasonable in relation to the financial statements taken as a whole.

Management's estimate of Useful Lives of Fixed Assets and Depreciation Expense is based on the economic useful lives of fixed assets based on past history of similar types of assets, future plans as to their use, and other factors that impact their economic value to the Company. We evaluated the key factors and assumptions used by management in computing depreciation expense and believe that it is reasonable in relation to the financial statements taken as a whole.

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. The most sensitive disclosure affecting the financial statements was:

Management's estimate of the long-term payable to the Department of Water Resources (DWR). This estimate is based on expected reimbursements from DWR for depreciation expense, debt service costs and other debt-related costs. Management's estimate of deferred revenue is based on the difference between reimbursements received from DWR for operating expenses and the actual expenses incurred. We evaluated the key factors and assumptions used to develop the DWR receivable and deferred revenue in determining that they are reasonable in relation to the financial statements taken as a whole.

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Clovis, CA 93611

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The financial statement disclosures are neutral, consistent, and clear.

*Difficulties Encountered in Performing the Audit*

We encountered no significant difficulties in dealing with management in performing and completing our audit.

*Corrected and Uncorrected Misstatements*

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to each opinion unit's financial statements taken as a whole.

*Disagreements with Management*

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

*Management Representations*

We have requested certain representations from management that are included in the management representation letter dated December 3, 2020.

*Management Consultations with Other Independent Accountants*

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the District's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

*Other Audit Findings or Issues*

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the District's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to the Budgetary Comparison Schedule, Schedule of Changes in the Net OPEB Liability and Related Ratios, and Schedule of OPEB Contributions which are required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

Restriction on Use

This information is intended solely for the information and use of the Board of Directors and management of Kings River Conservation District and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

*Price Pange & Company*



## **FINANCIAL STATEMENTS**

**For the Year Ended  
June 30, 2020**

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**June 30, 2020**

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The Place to Be

## INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of  
Kings River Conservation District  
Fresno, California

We have audited the accompanying financial statements of the governmental activities, the business-type activities, and each major fund of Kings River Conservation District (the "District") as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

570 N. Magnolia Avenue, Suite 100  
Clovis, CA 93611

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## Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, and each major fund of the District, as of June 30, 2020, and, the respective changes in financial position and cash flows thereof, for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## Report on Summarized Comparative Information

We have previously audited the District's 2019 financial statements, and we expressed an unmodified audit opinion on those audited financial statements in our report dated December 3, 2019. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2019, is consistent, in all material respects, with the audited financial statements from which it has been derived.

## Other Matters

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the budgetary comparison information, the schedule of changes in net OPEB liability and related ratios, and the schedule of other postemployment benefits contributions as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

*Price Pange & Company*

Clovis, California  
December 3, 2020

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**For the Year Ended June 30, 2020**

Our discussion and analysis of the Kings River Conservation District's financial performance provides an overview of the District's financial activities for the fiscal year ended June 30, 2020. This information is presented in conjunction with the audited financial statements that follow this section.

**Financial Highlights**

- The District's total assets from Governmental Activities increased by \$1,855,255 the net result of an increase in cash, decrease in power benefit receivable, other receivables and increase in deferred outflow of resources. The deferred outflow of resources is due to the District's Other Post Employment Benefits (OPEB) valuation for the fiscal year 2020 reporting period. A deferred outflow of resources is a deferral of the recognition of expenditures to the future period in which they occur.
- Total assets from Business-type Activities increased by \$898,485 due primarily to the increase in assets restricted for Pine Flat O&M reimbursements and due to capitalization of the relay upgrade.
- Liabilities from Governmental Activities decreased by \$1,131,606 due to the net result of decrease in water rights payable of \$711,370, decrease in District's Net Other Post-Employment Benefits (OPEB) obligation and increase in accounts payable. Liabilities from Business-type Activities decreased by \$28,157, due to decrease of \$1.4 million in the payable to Department of Water Resources (DWR), increase in unearned revenue, and increase in accounts payable.
- The District recorded an increase in total net position from Governmental Activities of \$800,533. This increase is due to a decrease in OPEB obligation, offset by an increase in cash and decrease in water rights payable. Net Position from Business-type Activities increased by \$926,642 as the net investment in capital assets decreased due to the net of the investment in capital assets increasing offset by the annual increase in accumulated depreciation. Funds restricted for the Operations and Maintenance account increased also. Unrestricted Net Position increased primarily due to a decrease in the liability due to DWR.
- District revenues from Governmental Activities included \$1,289,688 in property tax allocation. Business-type Activity revenue included \$11.19 million in electric generation revenue from the Jeff L. Taylor Pine Flat Power Plant.
- Operational costs of the Jeff L. Taylor Pine Flat (hydroelectric) Power Plant accounted for 55% of current year expenses. Governmental Activities, including General and Administrative expenses, accounted for 37% of total expenses in the current year, and River Maintenance expenses accounted for 8%.
- Total Program Revenues from Business-type Activities increased by \$244,050 due to the net effect of a decrease in the Pine Flat Power Benefit revenue and an increase in annual O&M revenue. Power Benefit revenue was \$3,463,810 in fiscal year 2020, about 109% of an expected average year. Precipitation in fiscal year 2020 was about 70% of normal. Precipitation in the prior year was about 120% of normal which allowed water to be carried over behind the Pine Flat Dam and used for irrigation and power generation in the current year.

**Overview of the Financial Statements**

The financial statements presented herein include all of the activities of the District and its component units using the integrated approach as prescribed by GASB Statement No. 34.

The District's basic financial statements comprise three components: (1) government-wide financial statements, (2) fund financial statements, and (3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

**Government-wide financial statements.** The government-wide financial statements present the financial picture of the District from the economic resources' measurement focus using the accrual basis of accounting. The *statement of net position* presents information on all of the District's assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**For the Year Ended June 30, 2020**

The *statement of activities* presents information showing how the District's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., earned but unused vacation leave).

The government-wide financial statements distinguish functions of the District that are principally supported by taxes and intergovernmental revenues (*governmental activities*) from other functions that are intended to recover all or a significant portion of their costs through user fees and charges (*business-type activities*). The governmental activities of the District include general government and flood protection. The business-type activities include the power generation operations and construction.

**Fund financial statements.** A fund is a grouping of related accounts that are used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other special districts, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All the funds of the District can be divided into two categories: governmental funds and proprietary funds.

*Governmental funds.* The District's basic services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds are reported using an accounting method called modified accrual accounting, which measures cash and other financial assets that can readily be converted to cash. The governmental fund statements provide a detailed short-term view of the District's general government operations and the basic services it provides. Governmental fund information helps determine whether there are more or fewer financial resources that can be spent in the near future to finance the District's projects. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures and changes in fund balances provide a reconciliation to facilitate this comparison between *governmental funds* and *governmental activities*.

*Proprietary funds.* The District maintains one enterprise fund. Proprietary funds are reported using the accrual basis of accounting. Enterprise funds are used to report the same functions presented as business-type activities in the government-wide financial statements but provide more detail and additional information. The District uses an enterprise fund to account for its hydro-generation operations plant.

**Notes to the basic financial statements.** The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages 23 through 44 of this report.

**Government-Wide Financial Analysis**

Net position may serve over time as a useful indicator of a government's financial position. In the case of the District, total assets and deferred outflows of resources exceeded liabilities and deferred inflows of resources by \$25.46 million at the close of the most recent fiscal year. The total net position for the District as a whole increased by \$1.7 million from the prior year-end, which is reported as the change in net position in the statement of activities.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**For the Year Ended June 30, 2020**

**KINGS RIVER CONSERVATION DISTRICT'S NET POSITION**

	<u>6/30/2020</u>	<u>6/30/2019</u>
<b>Assets</b>		
Current Assets	\$ 26,052,610	\$ 25,346,301
Restricted Assets	5,760,850	4,354,320
Capital Assets	<u>22,917,023</u>	<u>23,488,903</u>
Total Assets	<u>\$ 54,730,483</u>	<u>\$ 53,189,524</u>
 <b>Deferred Outflows of Resources</b>		
Deferred OPEB	<u>\$ 1,325,109</u>	<u>\$ 112,328</u>
 <b>Liabilities</b>		
Long-term Liabilities	\$ 7,961,036	\$ 8,649,035
Other Liabilities	<u>19,823,112</u>	<u>20,294,875</u>
Total Liabilities	<u>\$ 27,784,148</u>	<u>\$ 28,943,910</u>
 <b>Deferred Inflows of Resources</b>		
Deferred OPEB	<u>\$ 2,809,139</u>	<u>\$ 622,812</u>
 <b>Net Position</b>		
Net Investment in Capital Assets	\$ 22,917,023	\$ 23,488,903
Restricted	199,545	212,702
Unrestricted	<u>2,345,737</u>	<u>33,525</u>
Total Net Position	<u>\$ 25,462,305</u>	<u>\$ 23,735,130</u>

Much of the District's net position, \$22,917,023 (90%), reflects the amount by which the book value of capital assets (e.g., land, buildings, infrastructure, machinery and equipment) exceeds the related outstanding debt used to acquire those assets. The District uses these capital assets to provide services to citizens and consumers. Consequently, these assets are not available for future spending. Although the District's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

A portion of the District's net position, \$199,545 (1.0%), represents resources that are subject to external restrictions on how they may be used.

The remainder of the District's net position, \$2,345,737, is available to be used to meet the District's ongoing obligations to citizens, customers and creditors.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**For the Year Ended June 30, 2020**

**KINGS RIVER CONSERVATION DISTRICT'S CHANGES IN NET POSITION**

	<u>6/30/2020</u>	<u>6/30/2019</u>
<b>Revenues</b>		
Program:		
Charges for Services	\$ 14,332,022	\$ 13,811,583
Operating Grants	946,941	5,822,006
Capital Grants	-	-
General:		
Property Taxes	1,289,688	1,224,972
Investment Earnings	520,148	530,895
Miscellaneous	262,712	263,311
Total Revenues	<u>17,351,512</u>	<u>21,652,767</u>
<b>Expenses</b>		
General and Administrative	5,740,067	6,176,212
River Maintenance	1,238,904	2,112,323
McMullin on-farm flood capture and recharge project	39,296	3,732,734
Pine Flat Power Project	8,606,070	9,249,634
Total Expenses	<u>15,624,337</u>	<u>21,270,903</u>
Change in Net Position	1,727,175	381,864
Net position - beginning	<u>23,735,130</u>	<u>23,353,266</u>
Net position - ending	<u>\$ 25,462,305</u>	<u>\$ 23,735,130</u>

**Financial Analysis of the Government's Funds**

The District uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

**Governmental funds.** Total assets of the governmental fund increased from \$25.40 million at the end of the prior year to \$26.05 million at the end of the current fiscal year, an increase of \$647,270.

Total liabilities of the governmental fund decreased from \$1,917,419 the prior year to \$1,533,913 at the end of the current fiscal year. There was a decrease in water rights payable and decrease in Net OPEB Liability.

At the end of the current fiscal year, the District's governmental fund reported an ending fund balance of \$24.51 million, which is an increase of \$1,030,775 from the prior year. Total fund balance of the General Fund consists of the following:

- Nonspendable fund balance of \$378,251, which represents prepaid expenses and long-term receivable.
- Restricted fund balance of \$199,545. This amount represents fisheries management program reserves.
- Committed fund balance of \$5,000,000. This amount is allocated to the revenue stabilization fund.
- Assigned fund balance of \$8,575,000. This represents amounts allocated to the capital improvements reserve, OPEB obligations, compensated absences and DWR power purchase agreement risk.
- Unassigned fund balance of \$10.36 million.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**For the Year Ended June 30, 2020**

Total governmental fund revenues decreased from \$10.68 million in the prior year to \$6.09 million in the current fiscal year, a decrease of \$4,581,294. Grants revenue decreased by \$4.6 million from the prior year as both the Local Levee Assistance grant and the McMullin On-Farm Flood Capture grant are nearly complete. Governmental fund expenditures decreased from \$11.69 million in the prior year to \$6.8 million in the current year, a decrease of \$4,895,752. Expenditures for the Local Levee Assistance grant and the McMullin On-Farm Flood Capture grant decreased by over \$4.5 million.

**Enterprise funds.** Total assets of the Pine Flat Fund at the end of the fiscal year were \$24.27 million compared to \$23.40 million in the prior year, for an increase of \$877,276. The increase in total assets resulted from increase in prepaid expenses, increase in restricted assets such as Operations and maintenance reimbursements and due to capitalization of relay upgrade project.

Total liabilities of the Pine Flat Fund decreased by \$49,366, from \$17.90 million to \$17.85 million, due to net result of increase in Accounts Payable, increase in unearned revenue and decrease in funds due to California Department of Water Resources.

Pine Flat Fund electric generation revenues increased by \$244,050 to \$11.19 million in the current fiscal year, compared to \$10.95 million in fiscal year 2018-2019. This increase in revenues, for the most part, was from the net of decreased generation and sale of electricity offset by an increase in operating and maintenance revenue.

Pine Flat Fund expenses decreased \$643,564 to \$8.60 million in the current fiscal year compared to \$9.25 million last year. The decrease was largely due to decrease in depreciation and decrease in water rights expenses.

**Government Funds Budgetary Highlights**

**General fund budget variances.** There were no changes made to the original budget.

Actual budget results were approved by the District's Board of Directors on July 14, 2020.

- Actual revenues exceeded the final budget by \$655,061 (12.04%). Property tax revenues and investment earnings and grants revenue were over the amounts budgeted.
- Total expenditures were less than the final budget by \$124,702 (1.80%). Other services, insurance, contributions to other agencies, the McMullin grant and capital outlays were above budget estimates. These cost overruns were offset by savings in all other expense categories.



**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**For the Year Ended June 30, 2020**

**Capital Assets**

The District's investment in capital assets for its governmental and business-type activities as of June 30, 2020, amounts to \$22,917,023 (net of accumulated depreciation). The investment in capital assets includes land, buildings, improvements, machinery and equipment, and flood control projects.

**Capital Assets at Year-End**

(Net of Depreciation, in Thousands)

	Governmental		Business-Type		Totals	
	6/30/2020		Activities		6/30/2020	
	<u>6/30/2020</u>	<u>6/30/2019</u>	<u>6/30/2020</u>	<u>6/30/2019</u>	<u>6/30/2020</u>	<u>6/30/2019</u>
Land and land rights	\$ 1,461	\$ 1,461	\$ 8	\$ 8	\$ 1,469	\$ 1,469
Buildings and structures	6	6	8,449	8,967	8,455	8,973
Penstocks and intake equipment	-	-	7,376	7,836	7,376	7,836
Turbines and generators	-	-	1,607	1,740	1,607	1,740
Equipment	877	882	784	233	1,661	1,115
Roads and landscaping	-	-	118	125	118	125
Kings River Channel Project costs	<u>2,231</u>	<u>2,231</u>	<u>-</u>	<u>-</u>	<u>2,231</u>	<u>2,231</u>
Total	<u>\$ 4,575</u>	<u>\$ 4,580</u>	<u>\$ 18,342</u>	<u>\$ 18,909</u>	<u>\$ 22,917</u>	<u>\$ 23,489</u>

Additional information on the District's capital assets can be found in Note 4.

**Long-Term Liabilities**

The long-term liabilities include liabilities for net other post-employment benefits (OPEB). At June 30, 2020, the District had total long-term liabilities of \$7,961,036 of which will be due beyond one year.

**Requests for Information**

This financial report is designed to provide citizens, taxpayers, customers, investors, and creditors with a general overview of the District's finances and to demonstrate the District's accountability for the money it receives. If you have any questions about this report or need any additional information, contact the Chief Financial Officer at 4886 E. Jensen Avenue, Fresno, California 93725, or phone (559) 237-5567.

## GOVERNMENT-WIDE FINANCIAL STATEMENTS

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF NET POSITION**  
**June 30, 2020**  
**(with summarized financial information as of June 30, 2019)**

	Governmental Activities	Business-Type Activities	<b>Total</b>	
			<b>2020</b>	<b>2019</b>
<b>ASSETS</b>				
Current assets:				
Cash and investments	\$ 22,732,146	\$ 49	\$ 22,732,195	\$ 20,188,052
Receivables:				
Accrued interest	97,239	-	97,239	180,556
Due from California Department of Water Resources	1,293,711	-	1,293,711	2,638,252
Property taxes receivable	56,262	-	56,262	205,679
Other	1,417,621	-	1,417,621	1,714,245
Internal balances	165,876	(165,876)	-	-
Inventories	-	312,879	312,879	303,837
Prepaid expenses	84,633	58,070	142,703	115,680
Total current assets	25,847,488	205,122	26,052,610	25,346,301
Restricted assets:				
Fisheries Management Program	199,545	-	199,545	212,702
Operation and maintenance account	-	5,561,305	5,561,305	4,141,618
Total restricted assets	199,545	5,561,305	5,760,850	4,354,320
Capital assets:				
Land and land rights	1,461,029	7,535	1,468,564	1,468,564
Buildings and structures	324,200	26,984,661	27,308,861	27,309,890
Penstocks and intake equipment	-	19,522,693	19,522,693	19,522,693
Turbines and generators	-	19,659,909	19,659,909	19,659,909
Equipment	1,777,817	10,145,010	11,922,827	11,436,642
Roads and landscaping	-	370,772	370,772	370,772
Kings River Channel Project costs	3,052,484	-	3,052,484	3,052,484
Accumulated depreciation	(2,040,640)	(58,348,447)	(60,389,087)	(59,332,051)
Total capital assets, net	4,574,890	18,342,133	22,917,023	23,488,903
<b>DEFERRED OUTFLOWS OF RESOURCES</b>				
Deferred OPEB	1,325,109	-	1,325,109	112,328
Total deferred outflows of resources	1,325,109	-	1,325,109	112,328
Total assets and deferred outflows of resources	\$ 31,947,032	\$ 24,108,560	\$ 56,055,592	\$ 53,301,852

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF NET POSITION**  
**June 30, 2020**  
**(with summarized financial information as of June 30, 2019)**

	Governmental Activities	Business-Type Activities	<b>Total</b>	
			<b>2020</b>	<b>2019</b>
<b>LIABILITIES</b>				
Accounts payable	\$ 936,218	\$ 2,012,857	\$ 2,949,075	\$ 2,372,641
Water rights payable	480,526	-	480,526	1,191,896
Accrued expenses	117,170	-	117,170	106,929
Unearned revenue		5,093,192	5,093,192	4,005,369
Long-term liabilities:				
Payable after one year:				
Compensated absences	604,634	-	604,634	664,735
Due to California Department of Water Resources	-	10,578,515	10,578,515	11,953,305
Net OPEB liability	<u>7,961,036</u>	<u>-</u>	<u>7,961,036</u>	<u>8,649,035</u>
Total liabilities	<u>10,099,584</u>	<u>17,684,564</u>	<u>27,784,148</u>	<u>28,943,910</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>				
Deferred OPEB	<u>2,809,139</u>	<u>-</u>	<u>2,809,139</u>	<u>622,812</u>
Total deferred inflows of resources	<u>2,809,139</u>	<u>-</u>	<u>2,809,139</u>	<u>622,812</u>
<b>NET POSITION</b>				
Net investment in capital assets	4,574,890	18,342,133	22,917,023	23,488,903
Restricted for:				
Other purposes	199,545	-	199,545	212,702
Unrestricted	<u>14,263,874</u>	<u>(11,918,137)</u>	<u>2,345,737</u>	<u>33,525</u>
Total net position	<u>\$ 19,038,309</u>	<u>\$ 6,423,996</u>	<u>\$ 25,462,305</u>	<u>\$ 23,735,130</u>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF ACTIVITIES**  
**For the Year Ended June 30, 2020**  
**(with summarized financial information for the year ended June 30, 2019)**

	Program Revenues				Net (Expense) Revenue and Changes in Net Position			
	Expenses	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Governmental Activities	Business-Type Activities	Total	
							2020	2019
<b>Functions/Programs</b>								
Governmental activities:								
General and administrative	\$ 5,740,067	\$ 3,133,489	\$ 912,008	\$ -	\$ (1,694,569)	\$ -	\$ (1,694,569)	\$ (1,292,200)
River maintenance	1,238,904	-	-	-	(1,238,904)	-	(1,238,904)	(2,112,323)
McMullin on-farm flood capture and recharge project	39,296	-	34,933	-	(4,363)	-	(4,363)	62,360
Total governmental activities	7,018,267	3,133,489	946,941	-	(2,937,836)	-	(2,937,836)	(3,342,163)
Business-type activities:								
Pine Flat Power Project	8,606,070	11,198,533	-	-	-	2,592,463	2,592,463	1,704,849
Total business-type activities	8,606,070	11,198,533	-	-	-	2,592,463	2,592,463	1,704,849
Total District	<u>\$ 15,624,337</u>	<u>\$ 14,332,022</u>	<u>\$ 946,941</u>	<u>\$ -</u>	<u>(2,937,836)</u>	<u>2,592,463</u>	<u>(345,373)</u>	<u>(1,637,314)</u>
General revenues:								
Taxes:								
Property taxes					1,289,688	-	1,289,688	1,224,972
Unrestricted investment earnings					476,526	43,622	520,148	530,895
Miscellaneous					240,250	22,462	262,712	263,311
Transfers					1,731,905	(1,731,905)	-	-
Total general revenues					<u>3,738,369</u>	<u>(1,665,821)</u>	<u>2,072,548</u>	<u>2,019,178</u>
Changes in net position					800,533	926,642	1,727,175	381,864
Net position - beginning					<u>18,237,776</u>	<u>5,497,354</u>	<u>23,735,130</u>	<u>23,353,266</u>
Net position - ending					<u>\$ 19,038,309</u>	<u>\$ 6,423,996</u>	<u>\$ 25,462,305</u>	<u>\$ 23,735,130</u>

The notes to the financial statements are an integral part of this statement.

## FUND FINANCIAL STATEMENTS

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**BALANCE SHEETS**  
**GOVERNMENTAL FUND**  
**June 30, 2020**  
**(with comparative financial information as of June 30, 2019)**

	<u>2020</u>	<u>2019</u>
<b>ASSETS</b>		
Cash and investments	\$ 22,732,146	\$ 20,188,002
Receivables:		
Accrued interest	97,239	180,556
Due from Enterprise Funds	165,876	187,085
Due from California Department of Water Resources	1,293,711	2,638,252
Property taxes receivable	56,262	205,679
Other	1,417,621	1,714,245
Prepaid expenses	84,633	73,242
Restricted assets:		
Fisheries Management Program	<u>199,545</u>	<u>212,702</u>
 Total assets	 <u>\$ 26,047,033</u>	 <u>\$ 25,399,763</u>
 <b>LIABILITIES</b>		
Accounts payable	\$ 936,218	\$ 618,594
Water rights payable	480,526	1,191,896
Accrued expenses	<u>117,170</u>	<u>106,929</u>
 Total liabilities	 <u>1,533,914</u>	 <u>1,917,419</u>
 <b>FUND BALANCE</b>		
Nonspendable	378,251	524,143
Restricted	199,545	212,702
Committed	5,000,000	5,000,000
Assigned	8,575,000	8,575,000
Unassigned	<u>10,360,323</u>	<u>9,170,499</u>
 Total fund balance	 <u>24,513,119</u>	 <u>23,482,344</u>
 Total liabilities and fund balance	 <u>\$ 26,047,033</u>	 <u>\$ 25,399,763</u>

The notes to the basic financial statements are an integral part of this statement.



**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**RECONCILIATION OF THE GOVERNMENTAL FUND BALANCE  
SHEET TO THE STATEMENT OF NET POSITION  
June 30, 2020**

Amounts reported for governmental activities in the statement of net position are different because:

Total fund balance for governmental funds	\$ 24,513,119
Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.	4,574,890
Certain amounts are not available to pay for current period expenditures and, therefore, are not reported in the governmental funds	
Deferred outflow amounts related to OPEB	1,325,109
Deferred inflow amounts related to OPEB	(2,809,139)
Long-term liabilities are not due and payable in the current period and, therefore, are not reported in the funds. Long-term liabilities at year-end consist of:	
Compensated absences	(604,634)
Net OPEB liability	<u>(7,961,036)</u>
Net position of governmental activities	<u>\$ 19,038,309</u>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE**  
**GOVERNMENTAL FUND**  
**For the Year Ended June 30, 2020**  
**(with comparative financial information for the year ended June 30, 2019)**

	<u>2020</u>	<u>2019</u>
<b>REVENUES</b>		
Property taxes	\$ 1,289,688	\$ 1,224,972
Investment earnings	499,052	468,145
Grants revenue	946,941	5,822,006
Charges for services	1,221,169	1,101,764
General and administrative charges to Enterprise Funds	1,912,320	1,755,336
Other	<u>225,375</u>	<u>303,617</u>
Total revenues	<u>6,094,545</u>	<u>10,675,840</u>
<b>EXPENDITURES</b>		
Current:		
General and administrative	5,391,652	5,561,579
River maintenance	1,238,630	2,057,635
McMullin on-farm flood capture and recharge project	39,296	3,732,734
Capital outlay	<u>126,097</u>	<u>339,480</u>
Total expenditures	<u>6,795,675</u>	<u>11,691,428</u>
Excess (deficiency) of revenues over (under) expenditures	<u>(701,130)</u>	<u>(1,015,588)</u>
<b>OTHER FINANCING SOURCES (USES)</b>		
Transfers in from Enterprise Funds	<u>1,731,905</u>	<u>1,957,551</u>
Total other financing sources (uses)	<u>1,731,905</u>	<u>1,957,551</u>
Net changes in fund balance	1,030,775	941,963
Fund balance - beginning	<u>23,482,344</u>	<u>22,540,381</u>
Fund balance - ending	<u>\$ 24,513,119</u>	<u>\$ 23,482,344</u>

The notes to the basic financial statements are an integral part of this statement.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES  
AND CHANGES IN FUND BALANCE OF THE GOVERNMENTAL FUND  
TO THE STATEMENT OF ACTIVITIES  
For the Year Ended June 30, 2020**

Amounts reported for governmental activities in the statement of activities are different because:

Net changes in fund balance - total governmental funds	\$ 1,030,775
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Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which depreciation of \$123,243 and dispositions of \$7,651 exceeded capital outlays of \$126,098 in the current period.	(4,796)
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Some expenses reported in the statement of activities do not require the use of current financial resources and, therefore, are not reported as expenditures in governmental funds.

OPEB obligation	(285,547)
Compensated absences	<u>60,101</u>

Total changes in net position of governmental activities	<u>\$ 800,533</u>
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**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF NET POSITION**  
**PROPRIETARY FUND**  
**June 30, 2020**  
**(with summarized financial information as of June 30, 2019)**

	<b><u>Pine Flat Power Project</u></b>	
	<b><u>2020</u></b>	<b><u>2019</u></b>
<b>ASSETS</b>		
Current assets:		
Cash and short-term investments	\$ 49	\$ 50
Inventories	312,879	303,837
Prepaid expenses	<u>58,070</u>	<u>42,438</u>
Total current assets	<u>370,998</u>	<u>346,325</u>
Noncurrent assets:		
Restricted assets:		
Operation and maintenance account	<u>5,561,305</u>	<u>4,141,618</u>
Total restricted assets	<u>5,561,305</u>	<u>4,141,618</u>
Capital assets:		
Land and land rights	7,535	7,535
Buildings and structures	26,984,661	26,985,690
Penstocks and intake equipment	19,522,693	19,522,693
Turbines and generators	19,659,909	19,659,909
Equipment	10,145,010	9,649,290
Roads	370,772	370,772
Accumulated depreciation	<u>(58,348,447)</u>	<u>(57,286,672)</u>
Total capital assets, net	<u>18,342,133</u>	<u>18,909,217</u>
Total noncurrent assets	<u>23,903,438</u>	<u>23,050,835</u>
Total assets	<u>\$ 24,274,436</u>	<u>\$ 23,397,160</u>

The notes to the basic financial statements are an integral part of this statement.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF NET POSITION**  
**PROPRIETARY FUND**  
**June 30, 2020**  
**(with summarized financial information as of June 30, 2019)**

	<b><u>Pine Flat Power Project</u></b>	
	<b><u>2020</u></b>	<b><u>2019</u></b>
<b>LIABILITIES</b>		
Current liabilities:		
Accounts payable	\$ 2,012,857	\$ 1,754,047
Unearned revenue	5,093,192	4,005,369
Due to General Fund	<u>165,876</u>	<u>187,085</u>
Total current liabilities	<u>7,271,925</u>	<u>5,946,501</u>
Noncurrent liabilities:		
Due to California Department of Water Resources	<u>10,578,515</u>	<u>11,953,305</u>
Total noncurrent liabilities	<u>10,578,515</u>	<u>11,953,305</u>
Total liabilities	<u>17,850,440</u>	<u>17,899,806</u>
<b>NET POSITION</b>		
Net investment in capital assets	18,342,133	18,909,217
Unrestricted	<u>(11,918,137)</u>	<u>(13,411,863)</u>
Total net position	<u>\$ 6,423,996</u>	<u>\$ 5,497,354</u>

The notes to the basic financial statements are an integral part of this statement.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION**  
**PROPRIETARY FUND**  
**For the Year Ended June 30, 2020**  
**(with summarized financial information for the year ended June 30, 2019)**

	<b><u>Pine Flat Power Project</u></b>	
	<b><u>2020</u></b>	<b><u>2019</u></b>
Operating Revenue:		
Electric generation	\$ 11,198,533	\$ 10,954,483
Operating Expenses:		
Operation and maintenance	4,616,876	4,417,987
Regulatory agency fees	1,100,326	1,111,801
Water rights expense	1,731,905	1,957,551
Depreciation	<u>1,156,963</u>	<u>1,695,255</u>
Total operating expenses	<u>8,606,070</u>	<u>9,182,594</u>
Operating income (loss)	<u>2,592,463</u>	<u>1,771,889</u>
Nonoperating Revenues (Expenses):		
Investment earnings	43,622	21,444
Other revenues	22,462	1,000
Interest and other charges	<u>-</u>	<u>(67,040)</u>
Total nonoperating revenue (expenses)	<u>66,084</u>	<u>(44,596)</u>
Net income (loss) before transfers	2,658,547	1,727,293
Transfers to general fund	<u>(1,731,905)</u>	<u>(1,957,551)</u>
Changes in net position	926,642	(230,258)
Net position - beginning	<u>5,497,354</u>	<u>5,727,612</u>
Net position - ending	<u>\$ 6,423,996</u>	<u>\$ 5,497,354</u>

The notes to the basic financial statements are an integral part of this statement.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF CASH FLOWS**  
**PROPRIETARY FUND**  
**For the Year Ended June 30, 2020**  
**(with summarized financial information for the year ended June 30, 2019)**

	<b>Pine Flat Power Project</b>	
	<b>2020</b>	<b>2019</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Cash received from customers	\$ 10,911,566	\$ 14,443,610
Cash paid for goods and services	<u>(7,214,971)</u>	<u>(8,049,995)</u>
Net cash provided by (used in) operating activities	<u>3,696,595</u>	<u>6,393,615</u>
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES</b>		
Non-operating revenue	22,462	1,000
Transfers from (to) other funds	<u>(1,753,114)</u>	<u>(1,856,875)</u>
Net cash provided by (used in) noncapital financing activities	<u>(1,730,652)</u>	<u>(1,855,875)</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>		
Proceeds from sale of assets	2,383	-
Acquisition and construction of capital assets	(592,262)	-
Principal paid on bond maturities and equipment contracts	-	(4,190,000)
Interest paid on bond maturities and equipment contracts	<u>-</u>	<u>(134,080)</u>
Net cash provided by (used in) capital and related financing activities	<u>(589,879)</u>	<u>(4,324,080)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Interest and dividends	<u>43,622</u>	<u>21,444</u>
Net cash provided by (used in) investing activities	<u>43,622</u>	<u>21,444</u>
Net increase (decrease) in cash and cash equivalents	1,419,686	235,104
Cash and cash equivalents - beginning of year	<u>4,141,668</u>	<u>3,906,564</u>
Cash and cash equivalents - end of year	<u>\$ 5,561,354</u>	<u>\$ 4,141,668</u>

The notes to the basic financial statements are an integral part of this statement.



**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**STATEMENTS OF CASH FLOWS**  
**PROPRIETARY FUND**  
**For the Year Ended June 30, 2020**  
**(with summarized financial information for the year ended June 30, 2019)**

	<b><u>Pine Flat Power Project</u></b>	
	<b><u>2020</u></b>	<b><u>2019</u></b>
<b>Reconciliation of operating income (loss) to net cash provided by (used in) operating activities:</b>		
Operating income (loss)	\$ 2,592,463	\$ 1,771,889
Adjustments to reconcile operating income (loss) to net cash provided by (used in) operating activities:		
Depreciation and amortization	1,156,963	1,695,255
Changes in assets and liabilities:		
Increase (decrease) in due to Department of Water Resources	(1,374,790)	3,517,543
Decrease (increase) decrease in inventories	(9,042)	(484)
Decrease (increase) in prepaid expenses	(15,632)	640
Increase (decrease) in accounts payable	258,810	(562,812)
Increase (decrease) in unearned revenue	<u>1,087,823</u>	<u>(28,416)</u>
Total adjustments	<u>1,104,132</u>	<u>4,621,726</u>
Net cash provided by (used in) operating activities	<u>\$ 3,696,595</u>	<u>\$ 6,393,615</u>

**Schedule of Non-Cash Capital and Related Financing Activities**

	<b><u>2020</u></b>	<b><u>2019</u></b>
Disposal of capital assets	<u>\$ (2,383)</u>	<u>\$ -</u>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 1 – ORGANIZATION AND ACCOUNTING POLICIES**

**Organization**

The Kings River Conservation District (the “District”), a political subdivision of the State of California and generally referred to as a “special district”, was created in 1951 following the adoption of the Kings River Conservation District Act (the “Act”) by the California Legislature. The District’s boundaries cover approximately 1.2 million acres which includes the service area of the Kings River throughout Fresno, Kings and Tulare counties. The District’s primary purpose under the Act is to provide various services, including the acquisition, construction, maintenance and operation of works and property for the purpose of storage, conservation and distribution of water; the development, distribution and sale of electric power; and the drainage, reclamation and protection of land within the District’s service area. The District operates under the Kings River Conservation District Act and is governed by an elected seven-member Board of Directors (“Board”).

The District owns and operates the Jeff L. Taylor Pine Flat Power Plant located on the Kings River at Pine Flat Dam in Fresno County. This hydro-electric power plant has a rated capacity of 165 megawatts. The operations of the power plant are accounted for in an Enterprise Fund.

Electricity generated at the Pine Flat Power Plant is produced under contract with the State Water Project (SWP) contractors through the State of California, Department of Water Resources. Accounts receivable are unsecured. The District’s business is subject to uncontrollable factors such as weather, including drought.

This report includes all the funds for which the District’s Board has oversight responsibility. This oversight responsibility includes, but is not limited to, selection of governing authority, designation of management, ability to significantly influence operations, and accountability for fiscal matters.

In evaluating the District as a reporting entity, management has addressed all potential component units (traditionally separate reporting entities) for which the District may be financially accountable and, as such, should be included within the District’s financial statements. The District (the primary government) is financially accountable if it appoints a voting majority of the Organization’s governing board and (1) it is able to impose its will on the Organization, or (2) there is a potential for the Organization to provide specific financial burden on the District. Additionally, the primary government is required to consider other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the reporting entity’s financial statements to be misleading or incomplete.

Based on these criteria, the District has one component unit. The Kings River Conservation District Public Financing Corporation (“Corporation”) was formed in August 2004, at the direction of the District, pursuant to the Nonprofit Public Benefit Corporation Law of the State of California (Title 1, Division 2, Part 2 of the California Corporation Code). The Corporation was formed primarily for the purpose of providing assistance to the District in the financing, refinancing, acquiring, constructing and rehabilitating of facilities, land and equipment, and in the sale or leasing of facilities, land and equipment for the use, benefit and enjoyment of the public served by the District and any other purpose incidental thereto. The Board of Directors of the District serves as the Board of Directors of the Corporation.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 1 – ORGANIZATION AND ACCOUNTING POLICIES (Continued)**

**Basis of Presentation**

*Management's Discussion and Analysis* – GASB Statement No. 34 requires that financial statements be accompanied by a narrative introduction and analytical overview of the District's financial activities in the form of "management's discussion and analysis" (MD&A). This analysis is similar to the analysis provided in the annual reports of private-sector organizations.

*Government-Wide Statements:* The statement of net position and the statement of activities display information about the District. These statements include the financial activities of the overall government. Eliminations have been made to minimize the double-counting of internal activities. These statements distinguish between the *governmental* and *business-type activities* of the District. Governmental activities generally are financed through taxes, intergovernmental revenues, and other nonexchange transactions. Business-type activities are financed in whole or in part by fees charged to external parties.

The statement of activities presents a comparison between direct expenses and program revenues for the different business-type activities of the District and for each function of the District's governmental activities. Direct expenses are those that are specifically associated with a program or function and, therefore, are clearly identifiable to a particular function. Indirect expense allocations that have been made in the funds have been reversed for the statement of activities. Program revenues include (a) fees, fines, and charges paid by the recipients of goods or services offered by the programs, and (b) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues, including all taxes, are presented as general revenues.

*Fund Financial Statements:* The fund financial statements provide information about the District's funds. Separate statements for each fund category—*governmental and proprietary*—are presented. The emphasis of fund financial statements is on major governmental and enterprise funds, each displayed in a separate column.

Proprietary fund operating revenues, such as charges for services, result from exchange transactions associated with the principal activity of the fund. Exchange transactions are those in which each party receives and gives up essentially equal values. Nonoperating revenues, such as subsidies and investment earnings, result from nonexchange transactions or ancillary activities.

The District reports the following major governmental fund:

*General Fund:* This is the District's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund.

The District reports the following major proprietary fund:

*Pine Flat Power Project Fund:* This fund accounts for the operations of the Pine Flat Power Plant on a fee-for-service basis in a manner similar to commercial enterprises.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 1 – ORGANIZATION AND ACCOUNTING POLICIES (Continued)**

**Measurement Focus, Basis of Accounting**

*Government-Wide and Proprietary Fund Financial Statements:* The government-wide and proprietary fund financial statements are reported using the economic resources measurement focus. The government-wide and proprietary fund financial statements are reported using the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of when the related cash flows take place. Nonexchange transactions, in which the District gives (or receives) value without directly receiving (or giving) equal value in exchange, include property taxes, grants, entitlements, and donations. On an accrual basis, revenue from property taxes is recognized in the fiscal year for which the taxes are levied. Revenue from grants, entitlements, and donations is recognized in the fiscal year in which all eligibility requirements have been satisfied.

*Governmental Fund Financial Statements.* Governmental funds are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Under this method, revenues are recognized when measurable and available. The District considers all revenues reported in the governmental funds to be available if the revenues are collected within sixty days after year-end. Property taxes, sales taxes, franchise taxes, licenses, and interest are considered to be susceptible to accrual. Expenditures are recorded when the related fund liability is incurred, except for principal and interest on general long-term debt, claims and judgments, and compensated absences, which are recognized as expenditures to the extent they have matured. General capital asset acquisitions are reported as expenditures in governmental funds. Proceeds of general long-term debt and acquisitions under capital leases are reported as other financing sources.

All business-type activities and enterprise funds of the District follow FASB Statements and Interpretations issued on or before November 30, 1989, Accounting Principles Board Opinions, and Accounting Research Bulletins, unless those pronouncements conflict with GASB pronouncements.

**Assets, Liabilities and Net Position**

**Cash and Cash Equivalents**

For purposes of the statement of cash flows, the Enterprise Fund considers all highly liquid investments with original maturities of three months or less to be cash equivalents. Cash and cash equivalents reported in the statement of cash flows for the Enterprise Fund includes cash and short-term investments of \$5,561,354 at June 30, 2020.

**Property Tax Calendar**

The District receives a share of the ad valorem property tax levied and collected by the counties in the District's service area, which is remitted to the District throughout the year. Property taxes are levied as of July 1, using a lien date of March 1, and are payable by property owners in two equal installments which are due by November 1 and February 1, respectively. The District recognizes revenues from property taxes when the revenues are earned and available. Revenues are considered available when they are collected in the reporting period or collection is expected soon enough after the period end to be used to pay liabilities of the reporting period.

**Use of Estimates**

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 1 – ORGANIZATION AND ACCOUNTING POLICIES (Continued)**

**Assets, Liabilities and Net Position (Continued)**

**Inventories**

Inventories are valued at cost using the first-in/first-out (FIFO) method. The costs of governmental fund-type inventories are recorded as expenditures when consumed rather than when purchased.

**Capital Assets**

Purchased or constructed capital assets are reported at cost or estimated historical cost. Donated fixed assets are recorded at their estimated fair value at the date of donation. Self-constructed assets are recorded at the amount of direct labor, material and interest costs incurred.

Capital assets are depreciated using the straight-line method over the following estimated useful lives:

Buildings and structures	30-53 years
Penstocks and intake equipment	53 years
Turbines and generators	30-35 years
Equipment	3-35 years
Roads and landscaping	15-53 years

**Electric Generation Revenues**

The District entered into the Pine Flat Power Sale Contract ("Contract") with the California Department of Water Resources ("Department") in 1979. Under the provisions of the Contract, the Department is required to purchase all electric energy produced by the Pine Flat Power Plant at a rate sufficient to cover the cost of producing the energy, plus the operation and maintenance and debt service costs of the plant until the year 2037. The Contract may be extended should minimum energy deliveries, as defined, not be met.

Generally, the District is reimbursed by the Department for operation and maintenance costs of the Pine Flat Power Plant as they are incurred. The District is also reimbursed for depreciation expense on capital assets, which were financed through the issuance of revenue bonds, as the bonds mature, and for all debt service costs, including amortization of deferred bond issue costs and costs associated with bond in-substance defeasance. Reimbursements for such expenses are received in periods different from those in which the related expenses are incurred. Revenues representing reimbursement of these expenses are accrued as the related expenses are incurred and any differences between revenues accrued and reimbursements received from the Department are accounted for as an amount due to or from the Department. Amounts received from the Department under the Contract are classified as electric generation revenues.

Capital asset acquisitions subsequent to the original bond issuance are reimbursed by the Department in full at the time of acquisition.

**Major Customers**

All of the Pine Flat Power Project Enterprise Fund's power sales revenue is generated by power sales to the California Department of Water Resources.

**Compensated Absences**

The liability for compensated absences reported in the government-wide statements consists of unpaid, accumulated vacation and sick leave balances. The liability has been calculated using the vesting method, in which vacation and sick leave amounts for both employees who currently are eligible to receive termination payments and other employees who are expected to become eligible in the future to receive such payments upon termination are included.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 1 – ORGANIZATION AND ACCOUNTING POLICIES (Continued)**

**Assets, Liabilities and Net Position (Continued)**

**Government-Wide Financial Statements**

In the government-wide financial statements, net positions are classified in the following categories:

*Net Investment in Capital Assets*

This amount consists of capital assets net of accumulated depreciation and reduced by outstanding debt that attributed to the acquisition, construction, or improvement of the assets.

*Restricted Net Position*

This amount is restricted by external creditors, grantors, contributors, or law or regulations of other governments.

*Unrestricted Net Position*

This amount is all net position that does not meet the definition of “net investment in capital assets” or “restricted net position”.

The District considers restricted net position to have been spent first when an expenditure is incurred for purposes for which both restricted and unrestricted net position is available.

**Fund Financial Statements**

The governmental fund financial statements present fund balances based on classifications that comprise a hierarchy that is based primarily on the extent to which the District is bound to honor constraints on the specific purposes for which amounts in the respective governmental funds can be spent. The classification used in governmental fund financial statements are as follows.

*Nonspendable Fund Balance*

Amounts cannot be spent either because they are in nonspendable form (such as inventory or prepaid expense, and long-term loans and notes receivable) or because they are legally or contractually required to be maintained intact (such as notes receivable or principal of a permanent fund).

*Restricted Fund Balance*

Amounts with external constraints placed on the use of these resources (such as debt covenants, grantors, contributions, or laws or regulations of other governments, etc.) or imposed by law through constitutional provisions or enabling legislation.

*Committed Fund Balance*

Amounts that can be used only for specific purposes pursuant to constraints imposed by a formal action of Board of Directors. Board of Directors is the highest level of decision-making authority for the District. Commitments may be established, modified, or rescinded only through resolutions approved by the Board of Directors.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 1 – ORGANIZATION AND ACCOUNTING POLICIES (Continued)**

**Assets, Liabilities and Net Position (Continued)**

**Fund Financial Statements (Continued)**

*Assigned Fund Balance*

Amounts that do not meet the criteria to be classified as restricted or committed but that are intended to be used for specific purposes. Under the District's adopted policy, only the Board of Directors may assign amounts for specific purposes.

*Unassigned Fund Balance*

These are either residual positive net resources of the General Fund in excess of what can properly be classified in one of the other four categories. Positive amounts are reported only in the general fund.

When an expenditure is incurred for purposes for which amounts in any of the unrestricted classifications of fund balance could be used, the District considers committed amounts to be reduced first, followed by assigned amounts and then unassigned amounts.

**NOTE 2 – DEPOSITS AND INVESTMENTS**

**Summary of Deposit and Investment Balances**

The following is a reconciliation of the District's deposit and investment balances as of June 30, 2020:

Cash on hand	\$ 475
Bank deposits	845,465
Investments	<u>27,647,105</u>
Total	<u>\$ 28,493,045</u>

**Government-Wide  
Statement of Net  
Position**

Cash and investments	\$ 22,732,195
Restricted assets	<u>5,760,850</u>
Total	<u>\$ 28,493,045</u>



**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 2 – DEPOSITS AND INVESTMENTS (Continued)**

**Investments Authorized**

The District strives to maintain the level of investment of idle funds as near to 100% as possible and operates its pooled idle cash investments under the Prudent Investor Standard. This affords a broad spectrum of investment opportunities so long as the investment is deemed prudent and is permissible under currently effective legislation of the State of California and other imposed legal restrictions. Permitted investments are identified in Section 53635 of the Government Code of California. Criteria for selecting investments and the absolute order of priority are safety, liquidity and yield. The primary basic premise underlying the District's investment policy is to insure the safety of principal and to provide funds when needed. A high dollar yield on investments, though important, ranks third in the priority of investment strategy.

Investment maturities are selected to anticipate cash needs, thereby obviating the need for forced liquidation and the accompanying loss of interest income.

The District operates its investment program with many Federal, State and self-imposed constraints. It does not buy stocks; it does not speculate; it does not deal in futures, options or security loan agreements. Longer-term investments (over one year) are generally limited to maturities of five years or less.

To maximize investment income, the District uses all available, economically feasible investment aids. Economic conditions and various money markets are monitored in order to assess the probable course of interest rates.

**Interest Rate Risk**

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Normally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. The District generally manages its interest rate risk by holding investments to maturity.

Information about the sensitivity of the fair values of the District's investments (including investments held by trustees) to market interest rate fluctuations is provided by the following table that shows the distribution of the District's investments by maturity or earliest call date:

Investment Type	Remaining Maturity (in Months)			
	12 Months or Less	13 to 24 Months	25 to 60 Months	More Than 60 Months
State investment pool	\$ 3,003,722	\$ 3,003,722	\$ -	\$ -
County investment pool	16,818,315	16,818,315	-	-
Local government investment pool	255,743	255,743	-	-
Held by bond trustee:				
Corporate bonds	2,008,020	2,008,020	-	-
Money market funds	5,561,305	5,561,305	-	-
Total	\$ 27,647,105	\$ 27,647,105	\$ -	\$ -

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 2 – DEPOSITS AND INVESTMENTS (Continued)**

**Credit Rate Risk**

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the actual rating as of year-end for each investment type:

Investment Type		Exempt	A+f	AAAm	A-1	A+	A-	BBB+	Not Rated
State investment pool	\$ 3,003,722	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,003,722
County investment pool	16,818,315	-	-	-	-	-	-	-	16,818,315
Local government investment pool	255,743	-	255,743	-	-	-	-	-	-
Certificate of deposits	-	-	-	-	-	-	-	-	-
Money market funds	-	-	-	-	-	-	-	-	-
Promissory note	-	-	-	-	-	-	-	-	-
Held by bond trustee:									
US treasury notes	-	-	-	-	-	-	-	-	-
Corporate bonds	2,008,020	-	-	-	-	-	2,008,020	-	-
Commercial paper	-	-	-	-	-	-	-	-	-
Money market funds	5,561,305	-	-	5,561,305	-	-	-	-	-
Total	\$ 27,647,105	\$ -	\$ 255,743	\$ 5,561,305	\$ -	\$ -	\$ 2,008,020	\$ -	\$ 19,822,037

**Concentration of Credit Rate Risk**

The investment policy of the District contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. Investments in any one issuer (other than U.S. Treasury securities, mutual funds, and external investment pools) that represent 5% or more of total District investments are as follows:

Issuer	Investment Type	Reported Amount	% of Total Investments
BNY Western Trust Company	Money market funds	\$ 5,561,305	20%
JP Morgan	Corporate bonds	\$ 2,008,020	7%

**Custodial Credit Risk**

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Government Code and the District's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits: The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies.

GASB Statement No. 40 requires that the following disclosures be made with respect to custodial credit risks relating to deposits and investments:

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 2 – DEPOSITS AND INVESTMENTS (Continued)**

**Custodial Credit Risk (Continued)**

**Cash Deposits**

As of June 30, 2020, the carrying amount of the District's bank deposits was \$891,657 and the respective bank balances totaled \$845,465. The Federal Depositary Insurance Corporation (FDIC) insures cash balances held at financial institutions of up to \$250,000. At June 30, 2020, \$641,657 of the bank balance exceeded amounts covered by FDIC.

**Investments**

As of June 30, 2020, there were no investments that were required to be identified by GASB Statement No. 40 with respect to custodial credit risk.

**Investment Valuation**

Investments, including derivative instruments that are not hedging derivatives, are measured at fair value on a recurring basis. Recurring fair value measurements are those that Governmental Accounting Standards Board (GASB) Statements require or permit in the statement of net position at the end of each reporting period. Fair value measurements are categorized based on the valuation inputs used to measure an asset's fair value: Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. Investments' fair value measurements are as follows at June 30, 2020:

<u>Investments</u>	<u>Fair Value</u>	<u>Level 1 Inputs</u>	<u>Level 2 Inputs</u>	<u>Level 3 Inputs</u>
Debt securities:				
Corporate bonds	\$ 2,008,020	\$ -	\$ 2,008,020	\$ -
Commercial paper	-	-	-	-
Money market funds	5,561,305	-	5,561,305	-
	<u>7,569,325</u>	<u>\$ -</u>	<u>\$ 7,569,325</u>	<u>\$ -</u>
State investment pool	3,003,722			
County investment pool	16,818,315			
Local government investment pool	255,743			
Total investments	<u>\$ 27,647,105</u>			

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 2 – DEPOSITS AND INVESTMENTS (Continued)**

**External Investment Pools**

The District participates in three external investment pools, as defined by Government Accounting Standards Board (GASB) Statement No. 31. The Local Agency Investment Fund (L.A.I.F.), managed by the State of California Treasurer, and is not registered with the Securities and Exchange Commission. These funds are pooled with those of other agencies in the State and invested in accordance with State guidelines. The value of the District's shares in the LAIF that may be withdrawn is determined on an amortized cost basis, which may be different from the fair value of the District's position in the pool. The District's portion of the June 30, 2020 balance was \$3,003,722. A breakdown of the investments included in the balance is not available for the balance sheet date.

The District maintains cash deposits with the Fresno County Auditor-Controller/Treasurer and voluntarily participates in the common investment pool of the County. The fair value of the District's investment in the pool is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by the County Treasurer for the entire portfolio. The balance available for withdrawal is based on the accounting records maintained by the County Treasurer and is recorded on the amortized cost basis. Because the District's deposits are maintained in a recognized pooled investment fund under the care of a third party and the District's share of the pool does not consist of specific, identifiable investment securities owned by the District, no disclosure of the individual deposits and investments or related custodial credit risk classifications is required. In accordance with applicable state laws, the Fresno County Treasurer may invest in derivative securities with the State of California. However, at June 30, 2020, the Fresno County Treasurer has represented that the Pooled Investment Fund contained no derivatives or other investments with similar risk profiles. The District's portion of the June 30, 2020 balance was \$16,818,315.

The District maintains cash deposits with CalTRUST and voluntarily participates in the common investment pool. The fair value of the District's investment in the pool is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by CalTRUST for the entire portfolio. The balance available for withdrawal is based on the accounting records maintained by CalTRUST and is recorded on the amortized cost basis. Because the District's deposits are maintained in a recognized pooled investment fund under the care of a third party and the District's share of the pool does not consist of specific, identifiable investment securities owned by the District, no disclosure of the individual deposits and investments or related custodial credit risk classifications is required. In accordance with applicable state laws, all CalTRUST accounts comply with the limits and restrictions placed on agency investments by the California Government Code; no leverage is permitted in any of the CalTRUST accounts. The District's portion of the June 30, 2020 balance was \$255,743.

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 3 – LONG-TERM RECEIVABLES**

The only receivables not expected to be collected in one year are \$293,618 related to a grant retention within the general fund.

**NOTE 4 – CAPITAL ASSETS**

A summary of capital asset activity for governmental activities for the year ended June 30, 2020 is as follows:

	Balances June 30, 2019	Acquisitions	Dispositions	Balances June 30, 2020
<b>Governmental Activities:</b>				
Non-depreciable assets:				
Land and land rights	\$ 1,461,029	\$ -	\$ -	\$ 1,461,029
	<u>1,461,029</u>	<u>-</u>	<u>-</u>	<u>1,461,029</u>
Depreciable assets:				
Buildings and structures	324,200	-	-	324,200
Equipment	1,787,352	126,098	(135,633)	1,777,817
Kings River Channel Project costs	3,052,484	-	-	3,052,484
	<u>5,164,036</u>	<u>126,098</u>	<u>(135,633)</u>	<u>5,154,501</u>
Total capital assets	<u>6,625,065</u>	<u>126,098</u>	<u>(135,633)</u>	<u>6,615,530</u>
Less accumulated depreciation for:				
Buildings and structures	(317,922)	(342)	-	(318,264)
Equipment	(905,638)	(122,901)	127,982	(900,557)
Kings River Channel Project costs	<u>(821,819)</u>	<u>-</u>	<u>-</u>	<u>(821,819)</u>
Total accumulated depreciation	<u>(2,045,379)</u>	<u>(123,243)</u>	<u>127,982</u>	<u>(2,040,640)</u>
Governmental activity capital assets, net	<u>\$ 4,579,686</u>	<u>\$ 2,855</u>	<u>\$ (7,651)</u>	<u>\$ 4,574,890</u>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 4 – CAPITAL ASSETS (Continued)**

A summary of capital asset activity for business-type activities for the year ended June 30, 2020 is as follows:

	Balances June 30, 2019	Acquisitions	Dispositions	Balances June 30, 2020
<b>Business-Type Activities:</b>				
Non-depreciable assets:				
Land and land rights	\$ 7,535	\$ -	\$ -	\$ 7,535
	<u>7,535</u>	<u>-</u>	<u>-</u>	<u>7,535</u>
Depreciable assets:				
Buildings and structures	26,985,690	-	(1,029)	26,984,661
Penstocks and intake equipment	19,522,693	-	-	19,522,693
Turbines and generators	19,659,909	-	-	19,659,909
Equipment	9,649,290	592,262	(96,542)	10,145,010
Roads and landscaping	370,772	-	-	370,772
	<u>76,188,354</u>	<u>592,262</u>	<u>(97,571)</u>	<u>76,683,045</u>
Total capital assets	<u>76,195,889</u>	<u>592,262</u>	<u>(97,571)</u>	<u>76,690,580</u>
Less accumulated depreciation for:				
Buildings and structures	(18,019,026)	(517,716)	1,029	(18,535,713)
Penstocks and intake equipment	(11,686,321)	(460,397)	-	(12,146,718)
Turbines and generators	(17,919,533)	(133,397)	-	(18,052,930)
Equipment	(9,416,193)	(38,457)	94,159	(9,360,491)
Roads and landscaping	(245,599)	(6,996)	-	(252,595)
Total accumulated depreciation	<u>(57,286,672)</u>	<u>(1,156,963)</u>	<u>95,188</u>	<u>(58,348,447)</u>
Business-type activities capital assets, net	<u>\$ 18,909,217</u>	<u>\$ (564,701)</u>	<u>\$ (2,383)</u>	<u>\$ 18,342,133</u>

Depreciation expense was charged to the following functions on the statement of activities:

<b>Governmental Activities:</b>	
General and Administrative	\$ 56,837
River Maintenance	66,406
<b>Business-Type Activities:</b>	
Pine Flat Power Project	<u>1,156,963</u>
Total	<u>\$ 1,280,206</u>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 5 – DUE TO/FROM CALIFORNIA DEPARTMENT OF WATER RESOURCES**

Amounts due from the Department represent reimbursements in connection with the Contract and are collected over the life of the bond issued. The amount included in accounts receivable of the General Fund, \$1,293,711 in 2020, represents amounts to which the District is entitled for the sale of power delivered to the Department. Amounts due to the Department from the Enterprise Fund, \$10,578,515 in 2020, represent reimbursements to be paid to the Department for depreciation expense on capital assets, and certain other operating expenses.

**NOTE 6 – RESTRICTED ASSETS**

Restricted assets are comprised of accrued interest receivable and cash deposits and short-term investments held by a trustee in different accounts aggregated by their restricted use. Such assets are restricted for the normal operation and maintenance of the Pine Flat Power Plant. The revenue bond indenture agreements limit the investment of the restricted assets to time or demand deposits of federal government obligations.

Restricted assets consist of the following at June 30, 2020:

	<u>Market Value</u>
<b>General Fund Fisheries Management Program:</b>	
Cash is held in the District's general checking account and is included with the bank balances described in Note 2.	\$ 199,545
<b>Pine Flat Power Project Enterprise Fund:</b>	
Cash is held by a trustee and is included with the investment balances described in Note 2.	<u>5,561,305</u>
Total restricted assets	<u>\$ 5,760,850</u>

**NOTE 7 – DEFERRED OUTFLOWS AND INFLOWS OF RESOURCES**

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position or fund balance that applies to a future period(s) and thus, will not be recognized as an outflow of resources (expense/expenditures) until then. The District has OPEB related items that qualify to be reported in deferred outflows of resources. The OPEB related deferred outflows of resources are described in detail in Note 14.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position or fund balance that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The District has one type of item that qualifies for reporting in this category and it OPEB deferrals. The OPEB related deferred inflows of resources are described in detail in Note 14.



**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 8 – GENERAL FUND CERTIFICATES OF PARTICIPATION**

**General Fund Certificates of Participation**

In June 2009, the District issued \$3,595,000 in Revenue Certificates of Participation at rates of 3.00% to 5.25%, to retire the District's short-term debt. The net proceeds of the certificates were used to retire the District's Commercial Paper Certificates, Series A (Tax-Exempt), to establish a debt service reserve fund, an acquisition fund, and pay the costs of issuance of the certificates.

In 2015 the District defeased the 2009A Certificates of Participation by placing cash in irrevocable escrow accounts held and managed by bank trustees, and invested in U.S. Treasury obligations, the principal and interest on which would provide amounts sufficient to pay the principal and interest on the defeased bonds in accordance with the schedule of remaining payments due. Accordingly, the escrow account and the defeased bonds are not included in the District's financial statements. On June 30, 2020, \$2,005,000 of certificates of participation outstanding were considered defeased.

**NOTE 9 – INTERFUND BALANCES AND ACTIVITY**

**Due to/from Other Funds**

Due to/from other funds at June 30, 2020 consist of the following:

Due to the General Fund from the Pine Flat Power Project Enterprise Fund for overhead charges overbilled by the General Fund to the Pine Flat Fund	\$ 165,876
Total	<u>\$ 165,876</u>

**Transfers to/from Other Funds**

The Pine Flat Enterprise Fund made operating transfers to the General Fund of \$1,731,905 during the year ended June 30, 2020 which consisted of power generation revenue.

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 10 – CLASSIFICATIONS OF FUND BALANCES**

The details of the fund balances are presented below:

	<u>2020</u>	<u>2019</u>
<b>Nonspendable:</b>		
Prepaid expenses	\$ 84,633	\$ 73,242
Long-term receivables	<u>293,618</u>	<u>450,901</u>
Total nonspendable	<u>378,251</u>	<u>524,143</u>
<b>Restricted for:</b>		
Fisheries management program	<u>199,545</u>	<u>212,702</u>
Total restricted	<u>199,545</u>	<u>212,702</u>
<b>Committed to:</b>		
Revenue stabilization fund	<u>5,000,000</u>	<u>5,000,000</u>
Total committed	<u>5,000,000</u>	<u>5,000,000</u>
<b>Assigned to:</b>		
Other post-employment benefits	2,500,000	2,500,000
Capital improvements	5,000,000	5,000,000
DWR power purchase agreement risk	500,000	500,000
Compensated absences	<u>575,000</u>	<u>575,000</u>
Total assigned	<u>8,575,000</u>	<u>8,575,000</u>
<b>Unassigned</b>	<u>10,360,323</u>	<u>9,170,499</u>
<b>Total fund balance</b>	<u>\$ 24,513,119</u>	<u>\$ 23,482,344</u>

**Revenue stabilization Fund**

In 2015, the Board of Directors approved a resolution to establish a revenue stabilization arrangement with a deposit of \$3,150,000, which Board of Directors increased to \$5,000,000 in 2016. The revenue stabilization funds may be spent if power generation revenue is less than \$1,050,000, by the shortfall amount up to \$1,050,000. In years where power generation revenue is greater than \$1,050,000, the fund is to be replenished up to \$260,000.

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 11 – PENSION PLAN**

The District provides retirement savings opportunities for all its full-time employees through: 1) a defined contribution plan administered by the District; 2) a 457 Deferred Compensation Plan (457 Plan) administered by ICMA Retirement Corporation (ICMA); and 3) a Union Pension Plan administered by the Stationary Engineers Local 39 Pension Trust Fund.

- 1) The Pension Plan is a defined contribution plan, and benefits depend solely on amounts contributed to the plan plus investment earnings. Employees are eligible to participate during the first plan quarter after the completion of six months of service and the attainment of at least 20 ½ years of age. The plan requires that participating employees contribute up to 9% of their base salary each quarter with a matching contribution by the District.
- 2) The 457 Plan is a tax-deferred defined contribution plan, and benefits depend solely on amounts contributed to the plan plus investment earnings. Employees are eligible to participate immediately in the employee contribution, but the District does not match the employee's contribution until after the completion of six months of service. There is no minimum contribution amount, but the District's match and the employee's contributions together cannot exceed the annual allowable contribution limits set forth by the IRS Code.
- 3) The combination of matching contributions by the District to the Pension Plan or the 457 Plan cannot exceed 9% of the employee's base annual salary. The District's contributions for each employee (and earnings allocated to the employee's account) are fully vested after five years of continuous service. District contributions and related plan earnings forfeited by employees who leave employment prior to being fully vested are used to reduce the District's current period contribution requirement.
- 4) The Union Pension Plan became available to represented Flood Maintenance Unit Employees on July 1, 2006. The District contributes \$1.91 per hour for all straight-time hours worked or paid for during the year ended June 30, 2020. The Flood Maintenance Unit employees agreed to voluntarily decline participation in the defined contribution plan. Represented Flood Maintenance Unit employees may contribute to the 457 Plan subject to the contribution limits set forth by the IRS Code, but there is no employer match of contributions from represented Flood Maintenance Unit employees.

The District's total payroll for the year ended June 30, 2020 was approximately \$4,198,883. The District's matching contributions to the plans were calculated using the base salaries of participating employees, which aggregated approximately \$4,039,081 for the year ended June 30, 2020. For the year ended June 30, 2020, employee contributions totaled \$318,105 and the District recognized pension expense of \$259,949, which comprise of contributions made by the District to the Plan.

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 12 – JOINT POWERS INSURANCE AUTHORITY**

The District is a member of the Association of California Water Agencies – Joint Powers Insurance Authority (“ACWA/JPIA”) whose members have pooled funds to self-insure for general liability, property claims and workers’ compensation claims. Insurance premiums are based on the District’s respective payroll and loss history or insured values. Retrospective premium adjustments are determined by the ACWA/JPIA based on the cost of claims against a member during applicable policy years.

As of September 30, 2019, the ACWA/JPIA reported assets totaling \$212,099,851. The ACWA/JPIA financial statements were audited by other auditors, whose report dated May 14, 2020, expressed an unmodified opinion on those statements. Separate financial statements are available from the ACWA/JPIA. A summary of those financial statements as of September 30, 2019, and for the year then ended is as follows:

Total assets	\$ 212,099,851
Deferred outflows	553,790
Total liabilities	(112,046,920)
Deferred inflows	<u>(1,672,219)</u>
Net position	<u>\$ 98,934,502</u>
Revenues	\$ 181,825,144
Expenses	<u>(169,356,246)</u>
Change in net position	<u>\$ 12,468,898</u>

The District has coverage against claims up to a limit of \$60 million for comprehensive general, auto liability, and public officials’ liability. Should the District discontinue its participation in ACWA/JPIA, the District could be liable for additional premiums for certain periods in the event ACWA/JPIA becomes underfunded.

Additionally, the District has separate policies with different carriers with per occurrence limits of insurance for Pine Flat of \$148 million.

**NOTE 13 – COMMITMENTS AND CONTINGENCIES**

In 1999, the District entered into an agreement with the Kings River Water Association (“KRWA”) and the California Department of Fish and Game (“CDFG”) to provide funds to design, install, operate and maintain selected physical improvements to the Kings River below the Pine Flat Dam, which will enhance fish and wildlife resources. The agreement required the District and KRWA to collectively provide \$100,000 per year for ten years commencing in May of 1999. CDFG contributed \$700,000 over the same ten-year period.

On June 26, 2009, the District and KRWA signed a ten-year extension of the agreement with CDFG under terms similar to the original agreement. The District and KRWA agreed to extend the funding obligation of \$100,000 per year through May 2019. The District, KRWA and CDFG have now agreed to a third ten-year agreement that maintains the program’s planning and improvement development work while continuing a doubling of minimum river releases, a reservoir temperature control pool of 100,000 acre-feet (10% of Pine flat Lake’s capacity) and financial support from the partnering agencies. The District and KRWA have agreed to extend the funding obligation of \$100,000 per year through May 2029. The District’s unspent funds related to this program as of June 30, 2020 were \$199,545.

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 14 – POST-RETIREMENT BENEFITS OTHER THAN PENSIONS**

**Other Post-Employment Benefits (OPEB)**

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the District's plan (OPEB Plan) and additions to/deductions from the OPEB Plan's fiduciary net position have been determined by an independent actuary. For this purpose, benefit payments are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value. As of June 30, 2020, there is no balance in the Plan Fiduciary Net Position.

Generally accepted accounting principles require that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

Valuation Date	June 30, 2019
Reporting Period	July 1, 2019 to June 30, 2020
Measurement Period	July 1, 2018 to June 30, 2019

**Plan Description**

*Plan Description.* The Kings River Conservation District Retired Employees Healthcare Plan is a single employer defined benefit healthcare plan administered by the District. The District provides medical, dental, and vision insurance benefits to eligible retirees, their spouses and dependents. To earn this benefit, employees must have reached the age of sixty years with ten years of service to the District; or have reached the age of fifty-five years with twenty-five years of service and become permanently disabled. The District also provides benefits for directors who had taken office prior to January 1, 1995 and completed twelve years of service. The District provides coverage for surviving family members of an enrollee who dies while covered under the plan. Coverage for the enrolled family members then continues until any one of a specific set of circumstances occurs. There are no assets accumulated in a trust that meets all of the criteria in GASB Statement No. 75, paragraph 4. The Retiree Health Plan does not issue a financial report.

*Funding Policy.* The contribution requirements of plan members and the District are established and may be amended by the Board of Directors. The required contribution is based on projected pay-as-you-go financing requirements. For fiscal year 2020, the District contributed \$145,080 to the plan, the entire amount for current premiums. Plan members receiving benefits contributed \$36,514, or approximately 20% of the total premiums, through their required contribution of one-half of the dependent cost for health insurance coverage. Dental and vision insurance benefits are 100% paid by the District for retirees and their dependents.

*Annual OPEB Cost and Net OPEB Obligation.* The District's annual other postemployment benefit (OPEB) cost (expense) is calculated based on the entry age normal (EAN) cost method. Under the Entry Age Normal cost method, the Normal Cost for each participant is determined as a level percent of payroll throughout the participant's working career. Accrued Liability for active employees is the portion of benefit liability attributed to service years to date. Normal Cost is the amount of benefit liability attributed to the current employment year. Normal Cost for retired employees is zero.

The projection of future benefit payments for an ongoing plan involves estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future.

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 14 – POST RETIREMENT BENEFITS OTHER THAN PENSIONS (Continued)**

**Other Post-Employment Benefits (OPEB) (Continued)**

**Employees Covered**

As of the June 30, 2019 actuarial valuation, the following current and former employees were covered by the benefit terms under the Healthcare Plan:

Active employees	48
Inactive employees or beneficiaries currently receiving benefit payments	16
Inactive employees entitled to but not yet receiving benefit payments	-
<b>Total</b>	<b><u>64</u></b>

**Contributions**

The District's policy, as stated in the employee handbook, allows District employees to participate in the Plan. The contributions made are based on the District's policy. For the fiscal year ended June 30, 2020, the District's cash contributions were \$145,080 in payments to the Plan as the District is on the pay-as-you-go basis.

**Net OPEB Liability**

The District's net OPEB liability was measured as of June 30, 2019 and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation dated June 30, 2019 that was rolled forward to determine the June 30, 2020 total OPEB liability, based on the following actuarial methods and assumptions below:

*Methods and Assumptions.* Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations. Actuarial assumptions come in part from the professional judgment of the Actuary, working within the scope of GASB Statement No. 75, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*.

The following simplifying assumptions were made:

*Retirement age for active employees*—Based on the historical average retirement age, the District employees were assumed to retire at age 70 and the Pine Flat Power Plant employees were assumed to retire at age 63.

*Marital status*—Percent of married members at the calculation date was assumed to be 80% and continue throughout retirement.

*Mortality*—Life expectancies were based on the MP-2019 Employee Mortality tables for males and females.

*Turnover*—Non-group-specific age-based turnover data from GASB Statement No. 75 was used as the basis for assigning active members a probability of remaining employed until the assumed retirement age and for developing an expected future working lifetime assumption for purposes of allocating to periods the present value of total benefits to be paid.

**KINGS RIVER CONSERVATION DISTRICT**  
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**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 14 – POST RETIREMENT BENEFITS OTHER THAN PENSIONS (Continued)**

**Other Post-Employment Benefits (OPEB) (Continued)**

**Net OPEB Liability (Continued)**

*Medical cost trend rate*—A rate of 5.0% was used through 2020. A rate of 7.25% will be used for Non-Medicare for 2021 and will decrease to an ultimate rate of 4% in 2076. A rate of 6.3% will be used for Medicare for 2021 and will decrease to an ultimate rate of 4% in 2076.

*Dental, vision and other cost trend rate*—A rate of 2.75% was used.

*Health insurance premiums*—2018 health insurance premiums for retirees were used as the basis for calculation of the present value of total benefits to be paid.

*Inflation rate*—The inflation rate of 2.75% is based on the estimate for the Plan's long-time horizon.

*Payroll growth rate*—The expected long-term payroll growth rate was assumed to be 3% annually.

*Discount rate*—Based on the historical and expected returns of the District's short-term investment portfolio, a discount rate of 3.50% was used.

**Discount Rate**

The discount rate used to measure the total OPEB liability was 3.50 percent. The projection of cash flows used to determine the discount rate assumed that District contributions will be made at rates equal to the actuarially determined contribution rates. Based on those assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected OPEB payments for current active and inactive employees and beneficiaries.

**Changes in the OPEB Liability**

The changes in the net OPEB liability for the Healthcare Plan are as follows:

	Increase (Decrease)		
	<b>Total OPEB Liability (a)</b>	<b>Plan Fiduciary Net Position (b)</b>	<b>Net OPEB Liability/Asset (c) = (a) - (b)</b>
Balance at June 30, 2019 (Measurement Date June 30, 2018)	\$ 8,649,035	\$ -	\$ 8,649,035
<b>Changes recognized for the measurement period:</b>			
Service cost	399,888	-	399,888
Interest	325,461	-	325,461
Changes of assumptions	1,310,890	-	1,310,890
Actual vs. expected experience	(2,607,662)	-	(2,607,662)
Contributions-employer	-	116,576	(116,576)
Benefit payments	(116,576)	(116,576)	-
Net Changes	(687,999)	-	(687,999)
Balance at June 30, 2020 (Measurement Date June 30, 2019)	\$ 7,961,036	\$ -	\$ 7,961,036



**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 14 – POST RETIREMENT BENEFITS OTHER THAN PENSIONS (Continued)**

**Other Post-Employment Benefits (OPEB) (Continued)**

**Sensitivity of the Net OPEB Liability to Changes in the Discount Rate**

The sensitivity analysis of the District regarding the net OPEB liability of the District if it were calculated using a discount rate that is one percentage point lower (2.50 percent) or one percentage point higher (4.50 percent) than the current rate, for measurement period ended June 30, 2019 is presented below:

	1% Decrease (2.50%)	Discount Rate (3.50%)	1% Increase (4.50%)
Net OPEB Liability (Asset)	9,419,634	7,961,036	6,791,997

**Sensitivity of the Net OPEB Liability to Changes in the Health Care Cost Trend Rates**

The sensitivity analysis of the net OPEB liability of the District if it were calculated using health care cost trend rates that are one percentage point lower (4.00%) or one percentage point higher (6.00%) than the current rate, for measurement period ended June 30, 2019 is presented below:

	1% Decrease (4.00%)	Trend Rate (5.00%)	1% Increase (6.00%)
Net OPEB Liability (Asset)	6,618,182	7,961,036	9,706,010

**OPEB Plan Fiduciary Net Position**

The District is on the pay-as-you-go financing requirements, so the Plan Fiduciary Net Position represents the 2019 Employer Contributions offset by the Benefit Payments, which nets to a \$0 balance.

**OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB**

For the fiscal year ended June 30, 2020, the District recognized net OPEB expense of \$467,875 (\$725,349 of Service Costs and Interest expenses, offset by Changes of assumptions of \$257,474). As of the fiscal year ended June 30, 2020, the District reported deferred inflows and outflows of resources related to OPEB from the following sources:

	<b><u>Deferred Outflows of Resources</u></b>	<b><u>Deferred Inflows of Resources</u></b>
OPEB contributions subsequent to measurement date	\$ 178,080	\$ -
Changes of assumptions	1,147,029	(527,435)
Difference between expected and actual experience	-	(2,281,704)
<b>Total</b>	<b><u>\$ 1,325,109</u></b>	<b><u>\$ (2,809,139)</u></b>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BASIC FINANCIAL STATEMENTS**  
**June 30, 2020**

**NOTE 14 – POST RETIREMENT BENEFITS OTHER THAN PENSIONS (Continued)**

**Other Post-Employment Benefits (OPEB) (Continued)**

**OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB (Continued)**

The \$178,080 reported as deferred outflows of resources related to contributions subsequent to the June 30, 2019 measurement date will be recognized as a reduction of the net OPEB liability during the fiscal year ended June 30, 2021. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized as expense as follows:

Fiscal Year Ending June 30:	Deferred Outflows/(Inflows) of Resources
2021	\$ (257,474)
2022	(257,474)
2023	(257,474)
2024	(257,474)
2025	(257,474)
Thereafter	(374,740)
Total	<u>\$ (1,662,110)</u>

**NOTE 15 – RECLASSIFICATION**

Certain reclassifications were made to the 2019 financial statements in order to conform to the presentation shown. These reclassifications had no effect on the District's net position at June 30, 2019.

**NOTE 16 – SUBSEQUENT EVENT**

On March 11, 2020 the World Health Organization declared the outbreak of coronavirus (COVID-19) a pandemic. In response, the State of California issued a shelter in-place order and the temporary closure of all businesses deemed to be nonessential. Accordingly, there will be a contraction of the national, state and District's economy, which will potentially result in a reduction and/or delay of the receipt of revenues, as well as hinder certain other revenue generating operations of the District. Additionally, it may negatively impact the ability of the District to collect on certain balances due from others. While the District expects there to potentially be a negative financial impact, since the duration and impact is unknown, management is unable to reasonably quantify the effect on future financial statements.

Management has evaluated and concluded that there are no other subsequent events that have occurred from June 30, 2020 through the date the financial statements were available to be issued December 3, 2020 that would require disclosure or adjustment.

REQUIRED SUPPLEMENTARY INFORMATION

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**BUDGETARY COMPARISON SCHEDULE**  
**GENERAL FUND**  
**For the Year Ended June 30, 2020**

	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
Revenues:				
Property taxes	\$ 1,200,000	\$ 1,200,000	\$ 1,289,688	\$ 89,688
Investment earnings	466,903	466,903	499,052	32,149
Grants revenue	267,000	267,000	946,941	679,941
Charges for services	1,329,715	1,329,715	1,221,169	(108,546)
General and administrative charges to Enterprise Funds	1,907,391	1,907,391	1,912,320	4,929
Other	<u>268,475</u>	<u>268,475</u>	<u>225,375</u>	<u>(43,100)</u>
Total revenues	<u>5,439,484</u>	<u>5,439,484</u>	<u>6,094,545</u>	<u>655,061</u>
Expenditures:				
Current:				
Salaries and wages	2,592,685	2,592,685	2,465,530	127,155
Directors' fees	42,000	42,000	42,000	-
Payroll taxes and benefits	1,232,220	1,232,220	1,163,675	68,545
Pension plan	300,950	300,950	259,949	41,001
Legal fees	68,500	68,500	54,424	14,076
Accounting services	15,570	15,570	14,940	630
Other services	222,803	222,803	258,960	(36,157)
Engineering services	303,700	303,700	180,613	123,087
Weather modification	342,135	342,135	298,530	43,605
Insurance	148,334	148,334	183,360	(35,026)
Maintenance of structures	681,648	681,648	528,267	153,381
Maintenance of equipment	91,895	91,895	89,284	2,611
Office expense	187,113	187,113	171,209	15,904
Rents and leases	110,900	110,900	100,343	10,557
Transportation and travel	120,792	120,792	101,592	19,200
Contributions to other agencies	209,200	209,200	670,594	(461,394)
Miscellaneous	103,392	103,392	47,012	56,380
McMullin on-farm flood capture and recharge	21,540	21,540	39,296	(17,756)
Capital outlay	<u>125,000</u>	<u>125,000</u>	<u>126,097</u>	<u>(1,097)</u>
Total expenditures	<u>6,920,377</u>	<u>6,920,377</u>	<u>6,795,675</u>	<u>124,702</u>
Excess (deficiency) of revenues over (under) expenditures	<u>(1,480,893)</u>	<u>(1,480,893)</u>	<u>(701,130)</u>	<u>779,763</u>
Other financing sources (uses):				
Transfers in from Enterprise Funds	<u>-</u>	<u>-</u>	<u>1,731,905</u>	<u>1,731,905</u>
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>1,731,905</u>	<u>1,731,905</u>
Revenues and other sources over (under) expenditures and other uses	<u>\$ (1,480,893)</u>	<u>\$ (1,480,893)</u>	<u>\$ 1,030,775</u>	<u>\$ 2,511,668</u>

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**NOTES TO THE BUDGETARY COMPARISON SCHEDULE**  
**June 30, 2020**

**NOTE 1 – BUDGETARY INFORMATION**

An annual nonappropriated budget, which establishes the total spending authority for the General Fund, is adopted by the Board just prior to the beginning of the District's fiscal year. Budgetary control is exercised at the fund level. The Board may authorize amendments to the budget during the year as deemed necessary. Budgeted amounts are reported as amended.

The budgetary basis of accounting is consistent with generally accepted accounting principles applicable to the District's financial statements.

**NOTE 2 – EXCESS EXPENDITURES OVER APPROPRIATIONS**

As of June 30, 2020, expenditures exceeded appropriations in the following categories:

<u>Appropriations Category</u>	<u>Excess Expenditures</u>
General Fund:	
Current:	
Other services	\$ 36,157
Insurance	35,026
Contributions to other agencies	461,394
McMullin on-farm flood capture and recharge project	17,756
Capital outlays	1,097

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**Schedule of Changes in the Net OPEB Liability and Related Ratios**  
**Required Supplementary Information**  
**Last Ten Fiscal Years\***

<i>For the Measurement Period Ended June 30:</i>	<u>2019</u>	<u>2018</u>	<u>2017</u>
<b>Total OPEB Liability</b>			
Service Cost	\$ 399,888	\$ 438,554	\$ 438,554
Interest on the total OPEB liability	325,461	272,704	271,290
Actual and expected experience difference	(2,607,662)	-	-
Changes in assumptions	1,310,890	(718,189)	-
Changes in benefit terms	-	-	-
Benefit payments	(116,576)	(112,328)	(84,168)
<b>Net Changes in total OPEB liability</b>	<b>(687,999)</b>	<b>(119,259)</b>	<b>625,676</b>
<b>Total OPEB liability - beginning</b>	<b>8,649,035</b>	<b>8,768,294</b>	<b>8,142,618</b>
<b>Total OPEB liability - ending (a)</b>	<b>\$ 7,961,036</b>	<b>\$ 8,649,035</b>	<b>\$ 8,768,294</b>
 <b>Plan Fiduciary Net Position</b>			
Contribution - employer	\$ 116,576	\$ 112,328	\$ 84,168
Net investment income	-	-	-
Benefit payments	(116,576)	(112,328)	(84,168)
Administrative expense	-	-	-
<b>Net change in plan fiduciary net position</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Plan fiduciary net position - beginning</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Plan fiduciary net position - ending (b)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
 <b>Net OPEB liability - ending (a) - (b)</b>	<b>\$ 7,961,036</b>	<b>\$ 8,649,035</b>	<b>\$ 8,768,294</b>
 Plan fiduciary net position as a percentage of the total OPEB liability	0.00%	0.00%	0.00%
Covered employee payroll	\$ 3,986,678	\$ 3,844,456	\$ 3,751,340
District's net OPEB liability as a percentage of covered-employee payroll	199.69%	224.97%	233.74%
Measurement date	6/30/2019	6/30/2018	6/30/2017

**Notes to Schedule:**

\* Schedule is intended to show information for ten years. Additional information will be displayed as it becomes available.

The Notes to Required Supplementary Information (RSI) are integral to the above schedules.

*Changes of assumptions:* In 2019, the discount rate was changed from 3.62% to 3.50%  
The actuarial cost method was updated to Entry Age Normal (EAN) cost method

**KINGS RIVER CONSERVATION DISTRICT**  
**Fresno, California**

**Schedule of Other Postemployment Benefits Contributions  
Required Supplementary Information  
Last Ten Fiscal Years\***

Fiscal Year Ended June 30	2020	2019	2018
Actuarially Determined Contribution (ADC)	\$ 145,080	\$ 85,586	\$ 81,338
Contributions in relation to the ADC	145,080	85,586	81,338
Contribution deficiency (excess)	\$ -	\$ -	\$ -
Covered- employee payroll	\$ 3,986,678	\$ 3,844,456	\$ 3,751,340
Contributions as a percentage of covered-employee payroll	3.64%	2.23%	2.17%

**Notes to Schedule:**

**Methods of assumptions used to determine contributions:**

Actuarial cost method	Entry age normal
Discount rate	3.50%
Inflation	2.75%
Payroll growth	3.00%
Healthcare cost-trend rates	7.25% for 2021, decreasing to 4% in 2076
Dental, vision and other cost trend rate	2.75%
Retirement age	65.5
Percent married	80%
Mortality	CalPERS 1997-2015 Experience Study

\* Schedule is intended to show information for ten years. Additional information will be displayed as it becomes available.



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**KRCD BOARD COMMITTEES & REPRESENTATIVES**

As of September 10, 2019

**Committees**

Budget and Audit:	Chris Kapheim Mark McKean Paul Stanfield
Labor and Personnel:	Ceil W. Howe, Jr. Mike Yoshimoto Paul Stanfield
Power Resources:	Ceil W. Howe, Jr. Mark McKean David Cehrs
Flood Maintenance	David Cehrs Mark McKean Ceil Howe Jr.
Accounts Payable/ Review Team	Mark McKean Paul Stanfield Gregory Beberian

**Agency Representation**

**Kings River Water Quality Coalition**, Dir/David Cehrs, Alternate/Mark McKean/Paul Peschel, S/T

**ACWA/JPIA**, Chris Kapheim, Alternate/Paul Peschel

**Kings Basin Water Authority**, Dir/Paul Stanfield, Alternates Mark McKean/ Paul Peschel

**Ad hoc**

**Strategic Plan 8-13-2019 thru  
3-10-2020**

G. Beberian  
M. McKean  
C. Kapheim

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BEFORE THE BOARD OF DIRECTORS  
OF THE KINGS RIVER CONSERVATION DISTRICT  
FRESNO, CALIFORNIA

RESOLUTION NO. 21-01

AUTHORIZATION TO EXECUTE CONTRACT FOR  
ELECTRICAL SERVICE WITH THE WESTERN AREA POWER ADMINISTRATION  
AND ASSIGNMENT AGREEMENT WITH THE JAMES IRRIGATION DISTRICT

**WHEREAS**, the Western Area Power Administration (Western) is one of four power marketing administrations within the U.S. Department of Energy having the role to market and transmit electricity from multi-use water projects to retail power distribution companies and public authorities; and

**WHEREAS**, the Kings River Conservation District (District) made an application to Western to receive an allocation of Base Resource energy from their 2015 Resource Pool for the Sierra Nevada Region and was allocated 0.00491% of the Base Resource energy; and

**WHEREAS**, the District through an Assignment Agreement provided the 0.00491% of Base Resource energy from the 2015 Resource Pool (Allocation) to James Irrigation District with a five year term; and

**WHEREAS**, the District now seeks to continue utilization of the Allocation for the purpose of benefitting water resource management activities within the District boundaries; and

**WHEREAS**, the District has been offered 0.00481% of the 2025 Resource Pool and through assignment to James Irrigation District (JID), JID will agree to utilize the Allocation for the aforementioned purpose and pay for all costs of receiving the Allocation until such time that the District can effectively utilize the Allocation; and

**WHEREAS**, the District will be tendered an Assignment Agreement from Western to facilitate this utilization after execution of the Contract for Electrical Service.

**THEREFORE, BE IT RESOLVED** that the Board of Directors of the Kings River Conservation District authorizes either the General Manager, Deputy General Manager, or their designee to sign the Contract for Electrical Service with the Western Area Power Administration and all documents necessary to accept and administer the Allocation including the Assignment Agreement with James Irrigation District.

**THE FOREGOING RESOLUTION** was passed and adopted by the Board of Directors at the Regular Meeting of the Board of Directors of the Kings River Conservation District on this 12<sup>th</sup> day of January 2021, by the following vote:

AYES:

NOES:

ABSENT:

ATTEST: \_\_\_\_\_  
Secretary

\_\_\_\_\_  
President

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## **AGENDA ITEM 12 – National Science Foundation (NSF) Engineering Research Center for Nanotechnology Enabled Water Treatment Systems (NEWT) Research and Deployment (R&D) Partnership (Charlotte Gallock, Director of Water Resources)**

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### **Background**

Since 2015, the NSF Nanosystems Engineering Research Center has provided funds for the development of NEWT systems. NEWT has brought together an interdisciplinary team with professors and students from Rice University, Arizona State University, University of Texas at El Paso, and Yale University to apply nanotechnology in the development of transformative and off-grid water treatment systems that protect human lives and support sustainable economic development. The NEWT team's goal is to facilitate access to clean water almost anywhere in the world by developing efficient modular water treatment systems that are easy to deploy and can tap unconventional sources to provide water. NEWT's technologies will safely exploit the unique properties of engineered nanomaterials (ENMs) to treat water using less chemicals, less electricity and smaller reactors than current technologies, enable re-use or regeneration ENMs to decrease treatment costs, and use interchangeable treatment modules to accommodate different feed-water quality and treatment objectives. To accomplish the goals, NEWT's team developed a common overarching research theme of Safety and Sustainability with three research Thrusts.

Thrust 1 is Multifunctional Nanomaterials for Removing Priority Pollutants which seeks to understand and control nanoscale properties that selectively and efficiently remove unwanted components from water. For example, eliminating nitrate molecules from drinking water or removing and destroying perfluorinated compounds (PFCs, PFOS, PFOA) from industrial waste streams.

Thrust 2 teams are developing Low Energy Desalination which aims to drastically reduce and possibly eliminate electric energy consumption for removing pollutants and salt from water. This effort will exploit and advance recent developments in nanophotonics and thin film nanocomposite materials to improve the energy efficiency of desalination. NEWT's research takes advantage of low-cost energy sources and creates materials that capture solar and waste heat. Those materials and engineered systems convert that energy into useful pollutant and salt removal methods.

In Thrust 3, teams are developing effective pretreatment methods for Scaling & Fouling Control. This is targeted specifically for influent into water treatment processes. Teams are developing a unique nano-scale interfacial effective pre-treatment method and high-performance anti-fouling membranes.

NEWT is seeking a Research and Deployment (R&D) Partnership with Kings River Conservation District. NEWT researchers are actively seeking partners to understand the various applications for their new technologies. As an R&D Partner, KRCD would collaborate with NEWT researchers, provide feedback and organize demonstrations or pilot projects. NEWT would also ask to use the KRCD logo on their website and presentation material associated with NEWT's RD Partners and projects developed with KRCD. The R&D Partnership does not require any financial contribution only staff time in a manner that is mutually beneficial for NEWT and KRCD.

### **Recommendation**

The Board will be requested to approve the NEWT R&D Partnership.

[Date]

Charlotte Gallock, P.E.  
Director of Water Resources  
Kings River Conservation District  
4886 E. Jensen Avenue  
Fresno, CA 93725

**Re: NEWT Research & Deployment Partner**

Dear Ms. Gallock,

Since August 2015 Rice University, Yale University, Arizona State University and University of Texas – El Paso have had the privilege of launching a new engineering research center focusing on nanotechnology-enabled water treatment (NEWT). The center has received approximately \$19 million to date from the National Science Foundation (NSF), with another \$18 million available for an additional renewal period. This substantial award from NSF validates our contention that nanotechnology can not only provide disruptive solutions to communities in desperate need of safe drinking water, but it also has the potential to drive cost effective, sustainable innovations for industrial wastewater treatment and reuse.

NEWT faculty and students are developing new nanomaterials and systems that will address critical, and often long-standing challenges relating to treatment of drinking water and industrial wastewater. Currently, close to 30 faculty and over 70 student investigators are exploring these new technologies within 3 research thrusts and 1 cross-cutting research theme. Research thrusts include: i). multifunctional nanomaterials for removing priority pollutants, ii). nanophotonics-enhanced water purification and iii). scaling and fouling control, and our cross-cutting research theme is safety & sustainability. We are off to a great start in this comprehensive, stakeholder-driven research program to develop compact modular water treatment systems that are easy to deploy and that can treat challenging waters to protect human lives and support sustainable economic development.

NEWT's research teams are comprised of outstanding faculty and students that are working very hard to achieve ambitious translational research goals. We would like to invite Kings River Conservation District to join us as a ***NEWT Research and Deployment Partner (RD Partner)*** to help advance NEWT's research and discoveries.



As a *NEWT RD Partner*, you would have many opportunities to interact and collaborate with our research teams on cutting-edge water and wastewater treatment projects. Moreover, as an *RD Partner*, Kings River Conservation District would be invited to:

- Attend NSF/NEWT annual progress meetings and site reviews
- Provide feedback on NEWT research opportunities
- Participate in center workshops and seminars
- Collaborate on demonstration of NEWT modules at Kings River Conservation District sites
- Collaborate on research projects

With the establishment of this affiliation, it is our understanding that NEWT is authorized to use the Kings River Conservation District Logo in our website and presentation materials when generally referencing the center's NEWT RD Partners, or when mentioning NEWT/Partner collaborations or Partner water treatment interests.

NEWT welcomes the opportunity to engage with Kings River Conservation District in a manner that is productive and mutually beneficial. I thank you for considering NEWT as a potential partner and I look forward to speaking with you about possible points of synergy between our organizations.

Sincerely,

Ernest Davis  
Industrial Liaison Officer &  
Director of Innovation



## NEWT Industry/Practitioner Membership Program

### *What Is NEWT?*

NEWT is a National Science Foundation Engineering Research Center (ERC) comprised of four academic institutions – **Rice University, Arizona State University, University of Texas – El Paso, and Yale University**. Over a 10 year period, the ERC will receive \$37MM from NSF for research in four different areas – Multifunctional Nanomaterials for Removing Priority Pollutants, Low Energy Desalination, Scaling and Fouling Control and Safety & Sustainability. NEWT's vision is to enable access to

suitable water almost anywhere in the world by developing next-generation, easy-to-deploy water treatment systems enabled by nanotechnology. Research teams within the center are developing high-performance materials and treatment systems with interchangeable modules that are highly efficient in targeting priority pollutants while offering flexibility needed to tap unconventional water sources and respond to changes in source water characteristics or treatment objectives. Our initial focus is on two



markets in need of significant technological innovation: (1) point-of-use, point-of-entry drinking water treatment, and (2) industrial wastewater treatment and reuse, with a particular focus on water-intensive operations such as those present on oil and gas production sites. **NEWT's Industry/Practitioner Membership Program fosters 'win-win' collaborations within these markets to drive transformational research and industrial outcomes in the US and worldwide.**



## Building Partnerships...

"We believe that NEWT's efforts to facilitate access to clean water globally through the use of technology and our expertise and experience in water treatment and nanotechnology innovation will create a constructive and ideal partnership."

-- Baker Hughes,  
a GE Company

### Research Thrusts & Theme

#### Thrust 1 – Multifunctional Nanomaterials for Removing Priority Pollutants

Researchers in Thrust 1 are developing superior sorbents, catalytic, magnetic and other nanomaterials that selectively target specific pollutants and facilitate matching of treated water quality to intended use (or reuse). Our multifunctional nanomaterials may be immobilized on a variety of substrates while maintaining superior treatment capacity and selectivity.

#### Thrust 2 – Low Energy Desalination

Thrust 2 teams are developing new membrane materials and systems that utilize sunlight and waste heat to drastically reduce electrical energy consumption for desalination and water purification. Thrust 2 technologies include nanophotonics-enhanced solar membrane distillation (NESMD) for desalination of high salinity feed waters, and nanophotonics-enhanced waste heat

membrane distillation (NEWMD) systems that enable low energy desalination even when solar energy is not available (i.e. during overnight hours).

#### Thrust 3 – Scaling and Fouling Control

Teams in Thrust 3 are exploiting unique nanoscale phenomena to develop technologies that ensure NEWT systems (a) control fouling and scaling in water and wastewater treatment systems, and (b) operate reliably with a wide range of feed waters. Thrust 3 research covers expanded applications of capacitive deionization/selective electrosorption, creation of new antimicrobial and chemically or electrochemically active surface coatings, and development of pre-treatment methods and materials including those targeting removal of silica.

#### Safety & Sustainability Theme

The overarching, cross-cutting research theme for the NEWT center is Safety & Sustainability (S&S). Research conducted within this S&S domain will inform

nanomaterial selection and design, device development, and technology implementation. Technical, societal and regulatory barriers recognized within each thrust project will be channeled through this theme. S&S researchers are focusing on quantifying the potential costs and impacts of nano-enabled discoveries across technology life cycles while also assessing societal contexts for system use. To this end, S&S teams are studying technology impacts, acceptability and appropriateness for a wide range of populations and communities that are potential users of NEWT solutions.



Industry Partnerships Are Key to Our Success





# Join Us!

*Our Vision: Enable access to suitable water almost anywhere in the world by developing next-generation high-performance, easy-to-deploy drinking water and industrial wastewater treatment systems enabled by nanotechnology*

## Membership Program

In order to facilitate closer partnerships with industry, NEWT has created an Industry/Practitioner Membership Program. The Program includes three membership tiers: **Full Member**, **Associate Member** and **Practitioner Member**. All members are entitled to the following benefits through NEWT:

- Industry/Practitioner Advisory Board participation
- Early access to NEWT research products such as reports, papers, and other publications
- Access to facilities and instrumentation utilized in NEWT research, subject to any requirements of the applicable NEWT academic institution
- On-location short courses that may be provided by researchers per mutual agreement between the researchers and members
- Access to a NEWT Center knowledge base of research advances
- Opportunities to sponsor targeted NEWT/Member research projects at a reduced overhead rate
- Opportunities to commercialize available NEWT intellectual property

NEWT is a unique resource for its Members, providing a collaborative environment whereby the research and market expertise of all Members can be leveraged to develop next-generation affordable, mobile, modular, high-performance water treatment systems enabled by nanotechnology.

## Membership Annual Fees

### *Full Members (for profit companies):*

≥ 500 Full-Time Employees	\$25,000 cash
50 – 499 Full Time Employees	\$15,000 cash
< 50 Full Time Employees	\$5,000 cash

### *Associate Members (for profit companies):*

All Companies	\$8,000 cash & \$2,000 in-kind
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### *Practitioner Members (agencies, non-profits):*

All Organizations	\$10,000 in-kind
-------------------	------------------

## Contact

Ernest Davis, Industrial Liaison Officer & Dir. of Innovation  
(713) 348-6214 | [emdavis@rice.edu](mailto:emdavis@rice.edu)



*NEWT Members*

