

RESOLUTION NO. 2018-05  
RESOLUTION NO. PFA-03  
ORDINANCE NO. 2018-01

## AGENDA

### MISSION STATEMENT

"Our team is dedicated to protecting, enhancing, and developing our rich water resources to the highest beneficial use for Calaveras County, while maintaining cost-conscious, reliable service, and our quality of life, through responsible management."

Regular Board Meeting  
Wednesday, February 14, 2018  
1:00 p.m.

Calaveras County Water District  
120 Toma Court, (PO Box 846)  
San Andreas, California 95249

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Administration Office at 209-754-3028. Notification in advance of the meeting will enable CCWD to make reasonable arrangements to ensure accessibility to this meeting. Any documents that are made available to the Board before or at the meeting, not privileged or otherwise protected from disclosure, and related to agenda items, will be made available at CCWD for review by the public.

### ORDER OF BUSINESS

#### CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

2. PUBLIC COMMENT

At this time, members of the public may address the Board on any non-agendized item. The public is encouraged to work through staff to place items on the agenda for Board consideration. No action can be taken on matters not listed on the agenda. Comments are limited to three minutes per person.

3. CONSENT AGENDA

The following items are expected to be routine / non-controversial. Items will be acted upon by the Board at one time without discussion. Any Board member may request that any item be removed for later discussion.

3a Approval of Minutes for the Board Meetings of January 10 and January 24, 2018

3b Review Board of Directors Monthly Time Sheets for January, 2018

---

#### BOARD OF DIRECTORS

Scott Ratterman, President  
Terry Strange, Director

Russ Thomas, Vice President  
Bertha Underhill, Director

Jeff Davidson, Director

- 3c Approve to Ratify Claim Summary #551 Secretarial Fund in the Amount of \$1,422,409.44 for January, 2018  
(Jeffrey Meyer, Director of Administrative Services) RES 2018-\_\_\_\_\_

4. NEW BUSINESS

- 4a Presentation on FERC Relicensing Efforts by Placer County Water Agency  
(Peter Martin, Manager of Water Resources)
- 4b Update / Direction on the CA Natural Resources Agency – Mokelumne River  
Wild and Scenic Designation Study  
(Peter Martin, Manager of Water Resources)

5. OLD BUSINESS

- 5a Discussion / Direction Regarding Cost of Service and Rate Design Analysis  
(Jeffrey Meyer, Director of Administrative Services)

6. GENERAL MANAGER REPORT

7.\* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

8. NEXT BOARD MEETINGS

- Wednesday, February 28, 2018, 1:00 p.m., Regular Board Meeting
- Wednesday, March 14, 2018, 1:00 p.m., Regular Board Meeting

9. CLOSED SESSION

- 9a Conference with Legal Counsel – Existing Litigation  
Government Code § 54956.9(a)  
La Contenta Investors, LTD vs. CCWD (Calaveras County Superior Court #11CV37713)

10. REPORTABLE ACTION FROM CLOSED SESSION

11. ADJOURNMENT

# CALAVERAS COUNTY WATER DISTRICT

## Board of Directors

District 1      Scott Ratterman  
District 2      Terry Strange  
District 3      Bertha Underhill  
District 4      Russ Thomas  
District 5      Jeff Davidson

## Legal Counsel

Matthew Weber, Esq.  
Downey Brand, LLP

## Financial Services

Umpqua Bank  
US Bank  
Wells Fargo Bank

## Auditor

Richardson & Company, LLP

## CCWD Committees

\*Engineering Committee  
\*Finance Committee  
\*Legal Affairs Committee  
Executive Committee (*ad hoc*)  
Cost of Service Study Committee (*ad hoc*)

## Membership\*\*

Davidson / Thomas (alt. Underhill)  
Underhill / Ratterman (alt. Thomas)  
Ratterman / Davidson (alt. Underhill)  
Ratterman / Thomas  
Strange / Ratterman

## Joint Power Authorities

ACWA / JPIA  
CCWD Public Financing Authority  
Calaveras-Amador Mokelumne River Authority (CAMRA)  
Calaveras Public Power Agency (CPPA)  
Eastern San Joaquin Groundwater Authority  
Tuolumne-Stanislaus Integrated Regional Water  
Management Joint Powers Authority (T-Stan JPA)  
Upper Mokelumne River Watershed Authority (UMRWA)

Ratterman (alt. Dave Eggerton)  
All Board Members  
Ratterman / Underhill (alt. Strange)  
Peter Martin (alt. Dave Eggerton)  
Russ Thomas  
Strange (alt. Thomas)  
Davidson (alt. Ratterman)

## Other Regional Organizations of Note

Calaveras LAFCO  
Calaveras County Parks and Recreation  
Committee  
Highway 4 Corridor Working Group  
Mountain Counties Water Resources  
Association (MCWRA)  
Mokelumne River Association (MRA)  
Tuolumne-Stanislaus Integrated Regional Water  
Mgt. JPA Watershed Advisory Committee (WAC)

Ratterman / Strange  
Thomas (alt. Underhill)  
Thomas / Underhill  
All Board Members  
All Board Members  
Peter Martin (alt. Metzger)

\* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.

\*\* The 1<sup>st</sup> name listed is the committee chairperson.

RESOLUTION NO. 2018–01  
RESOLUTION NO. PFA-03  
ORDINANCE NO. 2018–01

**MINUTES**

**CALAVERAS COUNTY WATER DISTRICT  
REGULAR BOARD MEETING**

**JANUARY 10, 2018**

Directors Present: Scott Ratterman, President  
Russ Thomas, Vice President  
Bertha Underhill, Director  
Terry Strange, Director  
Jeff Davidson, Director

Staff Present: Dave Eggerton, General Manager  
Mona Walker, Clerk to the Board  
Jeffrey Meyer, Director of Administrative Services  
Charles Palmer, District Engineer  
Bob Godwin, Sr. Civil Engineer  
Jesse Hampton, Interim Director of Operations  
Peter Martin, Manager of Water Resources  
Robert Creamer, Engineering Analyst

Others Present: Karl Brustad, Peterson, Brustad, Inc.  
Vickey Mills

**ORDER OF BUSINESS**

**CALL TO ORDER / PLEDGE OF ALLEGIANCE**

**1. ROLL CALL**

President Ratterman called the Regular Board Meeting to order at 1:00 p.m. and led the pledge of allegiance. All Board Members were present.

**2. PUBLIC COMMENT**

There was no public comment.

**3. CONSENT AGENDA**

**MOTION: Directors Davidson / Underhill – Approved Consent Agenda Items: 3a, Approved Minutes for the Board Meetings of December 13 (Regular), and December 13 (Special), 2017; 3b, Review Board of Directors Monthly Time Sheets for December, 2017; 3c, Adopted Resolution 2018-01 Ratifying Claim Summary #550 Secretarial Fund in the Amount of \$1,534,494.37 for December, 2017; and 3d, Received Report on Quarterly Engineering Projects Report, Oct. 1 through Dec. 31, 2017**

- 3a Approval of Minutes for the Board Meetings of December 13 (Regular), and December 13 (Special), 2017
- 3b Review Board of Directors Monthly Time Sheets for December, 2017
- 3c Approve to Ratify Claim Summary #550 Secretarial Fund in the Amount of \$1,534,494.37 for December, 2017  
(Jeffrey Meyer, Director of Administrative Services) **RES 2018-01**
- 3d Information / Quarterly Engineering Projects Report, Oct. 1 through Dec. 31, 2017  
(Charles Palmer, District Engineer)

**AYES: Directors Davidson, Underhill, Thomas, Strange and Ratterman**  
**NOES: None**  
**ABSTAIN: None**  
**ABSENT: None**

**4. NEW BUSINESS**

- 4a Discussion / Action Regarding Appointment to Board Committees and Election of Members to Joint Power Authorities  
(President Ratterman)

**MOTION: Director Davidson / Thomas – Approved the Slate of Assignments for the Joint Power Authorities Recommended by President Ratterman**

**DISCUSSION:** Director Underhill inquired about the Cost of Service Study Ad Hoc Committee. President Ratterman and Mr. Eggerton reported on the work to be performed by the ad hoc committee which will receive more detailed information on proposed options for the cost of service analysis, and make recommendations to the full Board for consideration. Director Thomas asked questions relating to the Executive Committee.

**PUBLIC COMMENT:** There was no public comment.

**AYES: Directors Davidson, Underhill, Thomas, Strange and Ratterman**  
**NOES: None**  
**ABSTAIN: None**  
**ABSENT: None**

- 4c Presentation on the Draft Jenny Lind Water System Master Plan, CCWD  
CIP #11064J-120  
(Bob Godwin, Sr. Civil Engineer/Peterson Brustad Engineers)

Mr. Karl Brustad of Peterson, Brustad, Inc. addressed the Board giving a PowerPoint presentation on the Draft Jenny Lind Water Master Plan. In his presentation, Mr. Brustad reviewed the goals and objectives of the master plan including: service area and facilities, system design criteria, evaluation of facilities and key findings, and recommended improvements and costs. He discussed the demand projections of the existing population in the service area, the current facilities, and projected buildout and planning criteria. In the existing system assessment, high and low pressure areas and deficiencies have been identified and include possible system improvements to the Capital Improvement Plan. Mr. Brustad reported that the current water system facilities can serve the service area adequately, and recommends sustaining the facilities and plan for replacement value of facility life cycle. Mr. Brustad and Mr. Godwin responded to questions from Board Members. The Board thanked them for their presentation.

**PUBLIC COMMENT:** There was no public comment.

This item was for information only; no action was taken.

- 4b Discussion / Action Regarding Acceptance and Final Completion of the  
Ebbetts Pass Reach 3A Water Transmission Line Replacement Project,  
CCWD CIP #11078  
(Charles Palmer, District Engineer) **RES 2018-02**

**MOTION:** Directors Underhill / Thomas – Adopted Resolution No. 2018-02  
Approving the Acceptance and Final Completion of the  
Ebbetts Pass Reach 3A Water Transmission Line Replacement Project,  
CCWD CIP #11078

**DISCUSSION:** Mr. Palmer reported that the Ebbetts Pass Reach 3A Water Transmission Line Replacement Project constructed by T&S Construction is now complete and ready for final acceptance. There was less than 1% in construction contract change orders for the project that consisted of replacing 19,360 feet of water pipe. The total cost of the project is \$5,535,188.43. The Board congratulated Mr. Palmer, T&S Construction, and District staff for a successful project.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Underhill, Thomas, Davidson, Strange and Ratterman  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** None

- 4d Discussion / Action on the Eastern San Joaquin Groundwater Authority  
JPA Groundwater Sustainability Plan Development and Potential Cost Share  
(Peter Martin, Manager of Water Resources) **RES 2018-03**

**MOTION:** Directors Thomas / Underhill – Adopted Resolution No. 2018-03  
Approving the Proposed Cost Share Allocation by the Eastern San  
Joaquin Groundwater Authority Joint Powers Authority for the  
Development of a Groundwater Sustainability Plan

**DISCUSSION:** Mr. Martin explained that CCWD is a member of the Eastside Groundwater Sustainability Agency, which is a member of the Eastern San Joaquin Groundwater Authority, a Joint Powers Authority made up of 17 independent Groundwater Sustainability Agencies (GSA). The Eastern San Joaquin Groundwater Authority was formed to act as the formal agency responsible for the region-wide coordination, development and delivery of a Groundwater Sustainability Plan (GSP) for the entire basin as required by the Sustainable Groundwater Management Act. In 2017, the California Department of Water Resources (DWR) released up to \$1.5 million per basin of Proposition 1 grant funds for GSP development, for which there is a required cost match. In November 2017, the Eastern San Joaquin Groundwater Authority submitted a grant proposal with a total cost of \$2,176,420, which will be funded by a \$1.5 million grant and a local cost match of \$676,420. At the November 8, 2017 Eastern San Joaquin Groundwater Authority meeting, San Joaquin County Public Works staff presented a cost share proposal for the local cost match that would allocate the GSP development project costs to the seventeen (17) GSA's if the DWR grant funds were awarded. The Eastern San Joaquin Groundwater Authority Board requested concurrence from the GSAs on the proposed cost share by their scheduled February 14, 2018 meeting. The Eastside GSA, currently consisting of 3 agencies (CCWD, Rock Creek Water District, and Stanislaus County), has a proposed cost share of \$39,789 over the life of the two year project. Staff proposes a split evenly between the two counties, which means the District would be responsible for an amount not to exceed \$9,947 per year for two fiscal years, in Fiscal Years 2018-19 and 2019-2020. The funds will be included in the District's Water Resources Program budget.

**PUBLIC COMMENT:** Ms. Vickey Mills stated that the County Board of Supervisors does have the cost share for the Groundwater Sustainability Authority in the County's proposed budget pending adoption.

**AYES:** Directors Thomas, Underhill, Davidson, Strange and Ratterman  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** None

**5. OLD BUSINESS**

There was nothing to report.

**6. GENERAL MANAGER REPORT**

Mr. Eggerton reported on the following activities: 1) on the future agendas of the second monthly Board meeting, there will be a placeholder of current activities of the Eastside San Joaquin Groundwater Sustainability Agency; 2) a workshop is scheduled for Feb. 9 at Amador Water Agency with Brent Ives of BHI Management regarding Board governance practices, further details will be provided; 3) as part of sitting on the ACWA Board, Mr. Eggerton attended a conference of the National Water Resources Association last week, setting priorities and legislative issues for federal advocacy for 2018 including infrastructure funding, regulatory reform, and forest management; 4) Peter Martin announced the kickoff meeting on Jan. 18 of the Local Hazard

Mitigation Plan update beginning at 10 a.m. at CCWD; and 5) staff met with Forest Meadows HOA management on Jan. 8 regarding the closure of the golf course and the continued disposal of CCWD treated effluent.

## 7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

Director Strange announced there will be a District outreach meeting in West Point on Jan. 25<sup>th</sup> at 11:00 a.m. Condolences to the family of Jackson Valley Irrigation District (JVID) Director Hank Willy, Director Willy was a long time Director at JVID and will be missed.

Director Davidson mentioned JVID Director Hank Willy and his historical knowledge of the activities on the Mokelumne River.

Director Underhill reported that she received an invitation to the re-opening of the Ebbetts Pass Moose Lodge.

Director Thomas reported that he will be attending the Mokelumne River Association meeting on Jan. 12 at the Jackson Valley Irrigation District office.

Director Ratterman reported that he will be attending the Mt. Counties Water Resources Association meeting on Jan. 19; and he will be unavailable to attend the CCWD Feb. 14 Board meeting.

## 8. NEXT BOARD MEETINGS

- Wednesday, January 24, 2018, 1:00 p.m., Regular Board Meeting
- Wednesday, February 14, 2018, 1:00 p.m., Regular Board Meeting

The Open Session ended at 2:55 p.m.

The meeting adjourned into Closed Session at approximately 3:00 p.m. Those present were Board Members: Jeff Davidson, Scott Ratterman, Russ Thomas, Bertha Underhill, and Terry Strange; staff members Dave Eggerton, General Manager and Robbie Creamer, Engineering Analyst; and General Counsel Matt Weber (by teleconference).

## 9. CLOSED SESSION

- 9a Conference with Legal Counsel – Existing Litigation  
Government Code § 54956.9(a)  
La Contenta Investors, LTD vs. CCWD (Calaveras County Superior Court  
#11CV37713)
- 9b Conference with Legal Counsel – Threatened Litigation  
Government Code § 54956.9(b)(3) – 1 case



**10. REPORTABLE ACTION FROM CLOSED SESSION**

The Board reconvened into Open Session at approximately 3:55 p.m. There was no reportable action.

**11. ADJOURNMENT**

With no further business, the meeting adjourned at approximately 3:55 p.m.

By:

ATTEST:

\_\_\_\_\_  
Dave Eggerton  
General Manager

\_\_\_\_\_  
Mona Walker  
Clerk to the Board

RESOLUTION NO. 2018–04  
RESOLUTION NO. PFA-03  
ORDINANCE NO. 2018–01

**MINUTES**

**CALAVERAS COUNTY WATER DISTRICT  
REGULAR BOARD MEETING**

**JANUARY 24, 2018**

Directors Present: Scott Ratterman, President  
Russ Thomas, Vice President  
Bertha Underhill, Director  
Terry Strange, Director  
Jeff Davidson, Director (arrived at 1:15 p.m.)

Staff Present: Dave Eggerton, General Manager  
Mona Walker, Clerk to the Board  
Jeffrey Meyer, Director of Administrative Services  
Charles Palmer, District Engineer  
Teresa Tanaka, Director of Operations  
Bob Godwin, Sr. Civil Engineer  
Jesse Hampton, Interim Director of Operations  
Stacey Lollar, Director of Human Resources and Customer Service  
Robert Creamer, Engineering Analyst  
Joel Metzger, Mgr. of External Affairs, Conservation, and Grants

Others Present: Kevin Kennedy, Kennedy/Jenks Consultants  
Vickey Mills  
Elaine St. John

**ORDER OF BUSINESS**

**CALL TO ORDER / PLEDGE OF ALLEGIANCE**

**1. ROLL CALL**

President Ratterman called the Regular Board Meeting to order at approximately 1:00 p.m. and led the pledge of allegiance. Director Davidson was absent.

**2. PUBLIC COMMENT**

There was no public comment.

3. **CONSENT AGENDA**

There were no consent agenda items.

4. **NEW BUSINESS**

- 4a Recognition of Teresa Tanaka for her Service with CCWD  
(Dave Eggerton, General Manager) **RES 2018-04**

**MOTION:** Directors Underhill / Thomas – Adopted Resolution No. 2018-04  
Recognizing and Honoring CCWD Employee Teresa Tanaka for  
Her Years of Service

**DISCUSSION:** Mr. Eggerton announced that Teresa Tanaka, the District's Director of Operations, is retiring and read a resolution honoring her for her many accomplishments at the District for the past 10 years. Director Underhill thanked Ms. Tanaka for her service and leadership through the years and commended her as a leader for women in the industry. Directors Strange, Thomas, and Ratterman all congratulated Ms. Tanaka and thanked her for her professionalism and knowledge. Mr. Hampton, Interim Director of Operations, thanked Ms. Tanaka for her experience and guidance.

**AYES:** Directors Underhill, Thomas, Strange and Ratterman  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Director Davidson

**RECESS** was called at 1:12 p.m. for refreshments; **SESSION RESUMED** at 1:21 p.m.

Director Davidson arrived at 1:15 p.m.

*(Continued)*

- 4a Recognition of Teresa Tanaka for her Service with CCWD  
(Dave Eggerton, General Manager) **RES 2018-04**

**PUBLIC COMMENT:** Ms. Tanaka addressed the Board and thanked them for the opportunity of serving the District and the ratepayers, and she looks forward to her retirement.

- 4b Presentation and Discussion of the Draft Copper Cove Wastewater System Master Plan, CCWD CIP #15059C-130  
(Bob Godwin, Sr. Civil Engineer/Kevin Kennedy, Kennedy/Jenks Consultants)

Mr. Godwin gave an overview in a PowerPoint presentation relating to the regulatory activities of the Copper Cove wastewater collection and treatment permit and status, giving background information on the Draft Copper Cove Wastewater Master Plan being presented today.

Mr. Kevin Kennedy of Kennedy/Jenks Consultants discussed the Draft Copper Cove Wastewater Master Plan. He reviewed the master plan goals and objectives that include recent regulatory efforts, outcomes and implications. He reviewed the existing and future needs of facilities, service

area, infill and future connections, and wastewater treatment and storage. The draft plan includes the evaluation of existing facilities and proposed buildout in a phased approach. Estimated costs of alternatives for wastewater storage are proposed, along with estimated costs of construction, from \$10.3 million to \$16.3 million, for the alternative proposals for storage. Recommendations to fund the proposals were offered. The draft master plan will be available for a thirty day public review and comment period. Mr. Kennedy and Mr. Godwin responded to questions from the Board. President Ratterman thanked Mr. Kennedy and Mr. Godwin for their presentation.

**PUBLIC COMMENT:** There was no public comment.

Directors Strange and Davidson announced they would be leaving the meeting early for other commitments.

**RECESS** was called at 2:36 p.m. **SESSION RESUMED** at 2:46 p.m.

Director Davidson left the meeting at 2:45 p.m.

- 4c Review and Direction of the FY 2017-18 Second Quarter Investment Report  
(Jeff Meyer, Director of Administrative Services)

**DISCUSSION:** Mr. Meyer provided a report on the District's FY 2017-18 Second Quarter Investment Report, and cash balances for Sept. 30, 2017 and Dec. 31, 2017. The District posted investment earnings of \$62,203 during the quarter with the LAIF interest rate closing at 1.30%. Mr. Meyer reported that the Fed expects economic activity to expand at a moderate pace over the next twelve months. Staff will continue to evaluate the market and look for the best short-term investment options. Mr. Meyer answered questions from Board Members.

**PUBLIC COMMENT:** There was no public comment.

This item was for information only; no action was taken.

- 4d Discussion / Action Regarding Mid-Year Budget Review  
(Jeff Meyer, Director of Administrative Services)

**MOTION:** **Directors Thomas / Underhill – by Minute Entry to Receive and File the Fiscal Year 2017-18 Mid-year Budget**

**DISCUSSION:** Mr. Meyer provided the Board a PowerPoint presentation on the FY 2017-18 Mid-Year budget, reviewing the District's revenues, transfers, expenditures, capital outlay, and debt service. He reported on the various District operating and CIP budgets and projections for the mid-year, and went over key expenditures. The FY 2018-19 budget process will be done in tandem with the rate analysis and is scheduled as follows: staff will submit a draft budget to the Finance Committee for review and comments, a preliminary budget will be presented to the Board of Directors on June 13, 2018, a budget workshop is scheduled for June 19, 2018, and a proposed FY 2018-19 budget will be presented to the Board on June 27, 2018 for adoption.

Director Strange left the meeting at 3:20 p.m.

Mr. Meyer discussed the Cost to Serve Analysis and an estimated timeline on a future Proposition 218 rate-setting process and the scheduled outreach to take place.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Thomas, Underhill, and Ratterman  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Directors Strange and Davidson

**5. OLD BUSINESS**

- 5a Update on Actions of the Eastside Groundwater Sustainability Agency and JPA  
(Peter Martin, Manager of Water Resources / Director Thomas)

Mr. Eggerton reported that Mr. Martin provided the Board a memorandum on the status of the activities of the Eastside Groundwater Sustainability Agency and JPA. An update will be provided to the Board at its second meeting of each month. Director Thomas gave a status report of the Eastside Groundwater Sustainability Agency and JPA.

**PUBLIC COMMENT:** There was no public comment.

This item was for information only; no action was taken.

**6. GENERAL MANAGER REPORT**

Mr. Eggerton reported on the following activities: 1) the date has changed to Friday, Feb. 9 at 9:00 a.m. for the joint training workshop with Amador Water Agency on Best Practices and Board Governance; and 2) construction has begun for the installation of Pressure Reducing Valves in the Jenny Lind/Rancho Calaveras area to help reduce the high pressure areas.

**7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS**

Director Thomas reported on his attendance at the District's Local Hazard Mitigation Plan meeting on Jan. 18; and he noted that it has been a year since his appointment as a Director with the District.

Director Underhill reported on her attendance at the District's Local Hazard Mitigation Plan meeting on Jan. 18; and her attendance at a meeting earlier in the day with the Calaveras Resource Conservation District (RCD) concerning the use of the RCD's building for other groups.

Director Ratterman reported there will be a Upper Mokelumne River Watershed Authority meeting on Jan. 26, and a Calaveras-Amador Mokelumne River Authority meeting on Feb. 21; and he announced that he will be unable to attend the Feb. 14 Regular Board meeting.

**8. NEXT BOARD MEETING**

- Wednesday, February 14, 2018, 1:00 p.m., Regular Board Meeting
- Wednesday, February 28, 2018, 1:00 p.m., Regular Board Meeting

The Open Session ended at 4:00 p.m.

The meeting adjourned into Closed Session at approximately 4:05 p.m. Those present were Board Members: Scott Ratterman, Russ Thomas, and Bertha Underhill (Director Davidson and Strange were absent), staff member Dave Eggerton, General Manager; and General Counsel Matt Weber (by teleconference).

**9. CLOSED SESSION**

- 9a Conference with Legal Counsel – Existing Litigation  
Government Code § 54956.9(a)  
La Contenta Investors, LTD vs. CCWD (Calaveras County Superior Court  
#11CV37713)

**10. REPORTABLE ACTION FROM CLOSED SESSION**

The Board reconvened into Open Session at approximately 4:20 p.m. There was no reportable action.

**11. ADJOURNMENT**

With no further business, the meeting adjourned at approximately 4:20 p.m.

By:


ATTEST:

\_\_\_\_\_  
Dave Eggerton  
General Manager

\_\_\_\_\_  
Mona Walker  
Clerk to the Board

# Agenda Item

DATE: February 14, 2018

TO: Dave Eggerton, General Manager 

FROM:  Mona Walker, Executive Assistant

SUBJECT: Review Board of Directors Time Sheets for January, 2018

---

## RECOMMENDED ACTION:

For information only.

## SUMMARY:

Pursuant to direction from the Board of Directors, copies of the Board's monthly time sheets from which the Board is compensated from, are included in the monthly agenda package for information. Attached are copies of the Board's time sheets for the month of January, 2018.

Board Members can be reimbursed for mileage cost to travel to meetings/conferences and are paid at the current IRS rate.

## FINANCIAL CONSIDERATIONS:

Monthly compensation and mileage reimbursement costs are included in the FY 17-18 budget.

Attachments: Board of Directors Time Sheets for January, 2018









# CALAVERAS COUNTY WATER DISTRICT DIRECTOR REIMBURSEMENT FORM

For Payroll	<input checked="" type="checkbox"/>
Admin Expense	<input type="checkbox"/>
Use	<input type="checkbox"/>

Month/Yr January 2018

Name Russ Thomas

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
19-Dec	Board of Supervisors meeting on Cannabis							120		56
10-Jan	CCWD Board Meeting							120		49
12-Jan	Moke River Assoc. (JVID Office-Ione)							120		100
18-Jan	CCWD Hazard Mitigation Plan Update							120		49
24-Jan	CCWD Board Meeting							120		49
Mileage is calculated at \$.535 for 12/17 and \$.545 for 2018 meetings (56 miles @ \$.535 and 247 miles at \$.545 = \$164.58)										
For Totals line, multiply miles by the IRS rate:										
Pursuant to Board Policy 4030, receipts required; report/materials required.										
Totals (use IRS mileage rate)								\$ 600	\$0.00	\$165.58

COPY

The undersigned, under penalty of perjury states: This claim and the items set forth herein are true and correct; that expenses incurred, meetings attended and business conducted are necessary to District affairs; that this claim is proper and within the scope of California Water Code Section 20200 et seq, and District Ordinance 2015-02; that the service was actually rendered; and the amount(s) herein are justified and true.

Signature of Claimant: Russ Thomas

Administrative Review: \_\_\_\_\_ Date: 1/25/18 Original to Finance Dept.


Director Expense Form (Jan. 1, 2017)

# CALAVERAS COUNTY WATER DISTRICT DIRECTOR REIMBURSEMENT FORM

For Admin Use  Payroll  Expense

Month/Yr January 2018  
Name Jeff Davidson

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
1/10	Regular Board Mtg.							120		28
1/24	Regular Board Mtg.							120		28
COPY										
		For Totals line, multiply miles by the IRS rate: 1/1/18 \$0.545								56 miles
		Totals (use IRS mileage rate)						\$ 240.00	\$	\$ 30.52

Signature of Claimant: 

Administrative Review:  Date: 1/25/18 Orig to Finance Dept.

**RESOLUTION NO. 2018 –**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CALAVERAS COUNTY WATER DISTRICT**

**RATIFYING CLAIM SUMMARY NO. 551**

**WHEREAS**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT has reviewed and considered Claim Summary Number 551 at the Regular Meeting held on February 14, 2018; and

**WHEREAS**, Board Members have resolved questions, issues, or concerns by consultation with District staff during said meeting.

**NOW, THEREFORE, BE IT RESOLVED** that the CALAVERAS COUNTY WATER DISTRICT Board of Directors hereby ratifies Claim Summary Number 551 in the amount of \$1,422,409.44 for the month of January, 2018.

**PASSED AND ADOPTED** this 14<sup>th</sup> day of February, 2018 by the following vote:

**AYES:**

**NOES:**

**ABSTAIN:**

**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

---

Russ Thomas, Vice President  
Board of Directors

**ATTEST:**

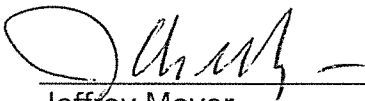
---

Mona Walker  
Clerk to the Board

**Calaveras County Water District  
Claim Summary # 551**

Certificate of Administrative Officer

The services listed on the within schedules were actually rendered by the close of the current month. The articles listed on the schedules within and the supporting invoices were actually delivered, or payment therefore is properly due prior to delivery. To the best of my knowledge all claims made are in accordance with adopted Board policies and/or other Board actions and are in compliance with all applicable laws. The claimants named on the within schedules are each entitled to the amount set opposite their respective names.

  
\_\_\_\_\_  
Jeffrey Meyer  
Director of Administrative Services

1. January 2018 payroll checks issued on 01/15/2018	150,434.10
2. January 2018 payroll checks issued on 01/31/2018	158,095.63
3. January 2018 compensation to Directors	1,663.46
4. Vendor payments for January 1 through 31, 2018	801,072.60
5. Other payroll related costs	<u>311,143.65</u>

**Claim Summary Total                    \$1,422,409.44**

Calaveras County Water District  
 AP Disbursement Summary  
 January 1-31, 2018

CCWD Operating Expenditures		\$ 549,273.48
Expenditures to be reimbursed from other agencies	(A)	63.53
Expenditures to be reimbursed from grant agreements	(B)	7,993.58
Fiduciary Payments (funds collected prior to expenditure)	(C)	9,223.18
Partial Reimbursement	(D)	118,541.77
Capital R&R Projects	(E)	115,977.06
Capital Outlay	(F)	-
Total Payments		\$ 801,072.60

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128623	A T & T	Leased Lines 01/18	01/12/2018	65.92
128624	A T & T	Phone 12/17 - Copper	01/12/2018	39.28
128625	A T & T	Internet Service 12/17 - LC	01/12/2018	49.00
128745	A T & T	Internet Service 01/18 - LC Complex	01/26/2018	109.00
128626	A T & T CALNET2	District Radio Tower 12/17 - Camp Connell	01/12/2018	379.45
128746	A T & T CALNET3	Phone Dec/Jan - Dorrington P/S	01/26/2018	40.56
128747	A T & T CALNET3	Phone Dec/Jan - District Wide	01/26/2018	2,183.01
128749	A T & T CALNET3	Phone Dec/Jan - Long Distance	01/26/2018	887.57
128750	A T & T CALNET3	Phone Dec/Jan - Hunter's	01/26/2018	40.83
128751	A T & T CALNET3	Phone Dec/Jan - Azalea L/S	01/26/2018	37.27
128752	A T & T CALNET3	Phone Dec/Jan - CCWHSE	01/26/2018	10.03
128753	A T & T CALNET3	Phone Dec/Jan - OP HQ	01/26/2018	378.10
128754	A T & T CALNET3	T Line Dec/Jan	01/26/2018	328.53
128755	A T & T CALNET3	Phone/Fax Dec/Jan - JLTC	01/26/2018	198.15
128576	A T & T MOBILITY	Cell Phone 12/17 - Brown	01/05/2018	82.29
128628	ACWA/JPIA	Dental Insurance, Employees 02/18	01/12/2018	6,343.76 (D)
128628	ACWA/JPIA	Vision Insurance, Employees 02/18	01/12/2018	1,317.76
128628	ACWA/JPIA	EAP 02/18	01/12/2018	145.70
128628	ACWA/JPIA	Dental Insurance, Retirees 02/18	01/12/2018	2,457.80
128628	ACWA/JPIA	Vision Insurance, Retirees 02/18	01/12/2018	723.84
128756	ACWA/JPIA	Workers Compensation Insurance Oct-Dec 2017	01/26/2018	26,905.03
128577	ADP INC	Payroll Services 12/17	01/05/2018	545.05
128629	ADP INC	Payroll Services 11/17	01/12/2018	708.08
128757	ADP INC	Payroll Services 01/18	01/26/2018	1,056.02
128630	AFLAC	Aflac 12/17	01/12/2018	2,001.48 (C)
128718	ALCAL GLASS AND SUPPLY	Gloves/Pipe Cutter/Clamps - EP Barn	01/19/2018	56.89
128718	ALCAL GLASS AND SUPPLY	Soap/Batteries/Spray Bottles - EP	01/19/2018	24.09
128718	ALCAL GLASS AND SUPPLY	Torch Kit - AWWTP	01/19/2018	28.96
128578	ALHAMBRA DRINKING WATER	Water Cooler 12/17 - LCWWTP	01/05/2018	86.83
128579	ALHAMBRA DRINKING WATER	Water Cooler 12/17 - JLVWTP	01/05/2018	116.59
128719	AMEC ENVIRON. & INFRASTRUCT. INC	Local Hazard Mitigation Plan Update	01/19/2018	1,757.83
128580	AMERIPRIDE SERVICES,INC	Uniform Service 12/17	01/05/2018	2,546.68
128631	AMERITRADE TRUST COMPANY	Deferred Comp 01/18	01/12/2018	1,050.00 (D)
128632	ANGELS HEATING AND AIR CONDITIONING	Repair Heating Unit - OP HQ	01/12/2018	295.10
128632	ANGELS HEATING AND AIR CONDITIONING	Venting System Repair - Hunter's WTP	01/12/2018	2,512.98
EFT	ANTHEM-BLUE CROSS	Health Insurance, Employees 01/18	01/05/2018	102,813.77 (D)
EFT	ANTHEM-BLUE CROSS	Health Insurance, Retirees 01/18	01/05/2018	38,679.20
128633	ARNOLD TIRE AND AUTO CARE	Tires (6) - Vehicle #134	01/12/2018	1,967.06



AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128633	ARNOLD TIRE AND AUTO CARE	Tires (6) - Vehicle #592	01/12/2018	1,604.66
128582	BURKE, TIFFANY	Post Office Travel Reimbursement 12/17	01/05/2018	36.38
128758	BURKE, WILLIAMS, & SORENSON, LLP	Assessment District Foreclosure Services	01/26/2018	808.70 (C)
128720	CAVIV SECTION AWWA	Operator Symposium 03/18 - Cardinal	01/19/2018	195.00
128634	CALAVERAS AUTO SUPPLY	Grinder/Socket Set/Bolt Cutter/Grease Gun/Gauges/Chisels - Vehicle #611	01/12/2018	1,704.16 (D)
128760	CALAVERAS AUTO SUPPLY	Bulbs/Air Freshener - Vehicle #138	01/26/2018	5.23
128635	CALAVERAS CNTY ENVIRON HEALTH	Haz Mat Response Plan/CUPA - W/PWTP	01/12/2018	227.00
128635	CALAVERAS CNTY ENVIRON HEALTH	Haz Mat Response Plan/CUPA - W/PWWTTP	01/12/2018	227.00
128636	CALAVERAS FIRST COMPANY INC	Administrative Technician Recruitment Ad	01/12/2018	123.00
128637	CALAVERAS LUMBER CO INC	Faucet/Headlamp/Tube/Fittings - Collections Trailer	01/12/2018	160.67
128637	CALAVERAS LUMBER CO INC	Funnel/Sprayer/Bucket/Lid/Square - Construction Crew	01/12/2018	37.13
128637	CALAVERAS LUMBER CO INC	Blades/Chain/Hardware/Braces/Hasps/Lumber - EP PRV Box Cover	01/12/2018	1,138.38
128637	CALAVERAS LUMBER CO INC	Socket Set/Cooler/Chemical Tote/Organizer - FMMWWTTP	01/12/2018	120.06
128637	CALAVERAS LUMBER CO INC	Concrete - JL Dunn Road Repair	01/12/2018	51.87
128637	CALAVERAS LUMBER CO INC	Cleaning Supplies/Plastic Bags - DFV/CTO WWTP	01/12/2018	18.73
128637	CALAVERAS LUMBER CO INC	Adapters/Clamps - DFV/CTO WWTP Sprayfield	01/12/2018	24.51
128637	CALAVERAS LUMBER CO INC	Cutoff Wheel/Respirator Masks/Rail/Pipe - CalFire	01/12/2018	526.16
128637	CALAVERAS LUMBER CO INC	Shovel - Vehicle #531	01/12/2018	30.02
128638	CALIFORNIA WASTE RECOVERY SYSTEMS	Refuse Disposal 01/18 - District Wide	01/12/2018	1,100.21
128639	CALTEL	Phone Lines 12/17	01/12/2018	1,275.44
128721	CAMPORA	Propane - Wallace	01/19/2018	7.11
128640	CARBON COPY INC	Copies/Copier Maintenance 12/17	01/12/2018	113.22
EFT	CARD SERVICES	National Water Resource Assn Registration/Lodging - Eggerforn	01/18/2018	416.89
EFT	CARD SERVICES	ACWA Fall Conference Registration - Metzger	01/18/2018	630.00
EFT	CARD SERVICES	ACWA Fall Conference Travel - Metzger	01/18/2018	841.87 (D)
EFT	CARD SERVICES	CalOES Training Meal - Metzger	01/18/2018	16.31
EFT	CARD SERVICES	Highway 4 Committee Meeting Supplies - Metzger	01/18/2018	27.65
EFT	CARD SERVICES	CalPELRA Conference Lodging/Parking - Lollar	01/18/2018	864.03
EFT	CARD SERVICES	Internet Back-Up - OP HQ	01/18/2018	29.90
EFT	CARD SERVICES	E-Mail Hosted Exchange Service 12/17	01/18/2018	471.47
EFT	CARD SERVICES	Internet Service 12/17 - Hunter's	01/18/2018	76.87
EFT	CARD SERVICES	HP5550 Color Toner Reset Chips - OP HQ	01/18/2018	108.40
EFT	CARD SERVICES	Magic Jacks (4) - Utility Dept	01/18/2018	140.10
EFT	CARD SERVICES	Socket Set - Vehicle #611	01/18/2018	311.01 (D)
EFT	CARD SERVICES	Meeting Supplies	01/18/2018	55.88
EFT	CARD SERVICES	Actuator Rebuild Kit - Hunter's	01/18/2018	432.32
EFT	CARD SERVICES	Valves - Hunter's WTP	01/18/2018	6,699.86
EFT	CARD SERVICES	Fuel Tank - EP Snow Cat	01/18/2018	624.29

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
EFT	CARD SERVICES	Lunch Meeting - Metzger	01/18/2018	34.87 (D)
EFT	CARD SERVICES	Training Supplies	01/18/2018	63.53 (A)
EFT	CARD SERVICES	Storage Bins/Shop Vac - OP HQ	01/18/2018	142.62
128641	CARSON HILL ROCK PRODUCTS	3/4 Class II Road Base - LCWHSE Road Base Stock	01/12/2018	8,206.82
128642	CENTRAL CALIFORNIA GENERATOR	Block Heater - EP Barn Compressor	01/12/2018	157.41
128722	CENTRAL CALIFORNIA GENERATOR	MPAC 1500 Controller/Start Up - CCWTP	01/19/2018	2,546.51
128643	CENTRO PRINT SOLUTIONS	1099 Forms/Envelopes	01/12/2018	116.18
128644	CITY OF ANGELS	Sewer 12/17 - Six Mile Village	01/12/2018	4,695.23
128585	CLARK PEST CONTROL	Pest Control 11/17 - Leslie Court	01/05/2018	84.00
128723	CLARK PEST CONTROL	Pest Control 01/18 - WPWTP	01/19/2018	91.00
128723	CLARK PEST CONTROL	Pest Control 01/18 - WPWWTP	01/19/2018	100.00
128762	CLARK PEST CONTROL	Pest Control 01/18 - FMWWTP	01/26/2018	87.00
128645	COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 12/17	01/12/2018	690.00
128586	COMCAST	Internet Service 01/18 - JLWTP	01/05/2018	85.93
128587	COMCAST	Internet Service 01/18 - DFVCTO WWTP	01/05/2018	80.93
128646	COMCAST	Internet Service 01/18 - OP HQ	01/12/2018	85.93
128763	COMCAST	Internet Service 02/18 - JLTC	01/26/2018	85.93
128764	COMCAST	Internet Service 02/18 - JLWTP	01/26/2018	85.93
128724	CONDOR EARTH TECHNOLOGIES INC	Monitoring Wells Work Plan - WPWWTP	01/19/2018	769.25
128647	CONETH SOLUTIONS INC	Payroll Process Development	01/12/2018	3,677.00
128648	COPPER AUTO & MARINE	Battery - Vehicle #122	01/12/2018	321.73
128648	COPPER AUTO & MARINE	Oil/Antifreeze - CC L/S #2	01/12/2018	138.26
128648	COPPER AUTO & MARINE	Straw - CC Erosion Control	01/12/2018	20.38
128648	COPPER AUTO & MARINE	Trailer Jack - CC Portable Compressor	01/12/2018	62.03
128766	COPPER AUTO & MARINE	Bulb - Vehicle #124	01/26/2018	3.20
128766	COPPER AUTO & MARINE	Water Pump/Thermostat/Gasket - Vehicle #125	01/26/2018	119.54
128766	COPPER AUTO & MARINE	Windshield Washer/Battery - Vehicle #142	01/26/2018	141.56
128766	COPPER AUTO & MARINE	Battery - Vehicle #150	01/26/2018	150.14
128766	COPPER AUTO & MARINE	Leak Stop - Vehicle #550	01/26/2018	10.72
128766	COPPER AUTO & MARINE	Windshield Washer/Diesel Engine Fluid - Vehicle #551	01/26/2018	17.04
128766	COPPER AUTO & MARINE	Adapter/Radiator/Antifreeze - Vehicle #709	01/26/2018	1,055.83
128766	COPPER AUTO & MARINE	Toggle Switch - Vehicle #710	01/26/2018	5.23
128766	COPPER AUTO & MARINE	Wiper Blades - Vehicle #131/525/132	01/26/2018	56.69
128766	COPPER AUTO & MARINE	Towels/Cleaner/Oil - CCWTP	01/26/2018	14.12
128766	COPPER AUTO & MARINE	Tape/Pump/Cleaner/Sealant - CCWHSE	01/26/2018	201.29
128766	COPPER AUTO & MARINE	Antifreeze - CC Backhoe	01/26/2018	33.23
128766	COPPER AUTO & MARINE	Grease/T-Posts - CCWWTP	01/26/2018	186.52
128766	COPPER AUTO & MARINE	Fittings - CC Pond 6	01/26/2018	11.76

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128766	COPPER AUTO & MARINE	Windshield Washer/Antifreeze - CC Stock	01/26/2018	57.85
128767	CORRPRO	TASC Card Replacement - CC	01/26/2018	560.00
128588	CPPA	Power 11/17	01/05/2018	70,454.25
128649	CPPA	Power 12/17	01/12/2018	63,793.47
128589	CPUD	Water Service 12/17 - OP HQ	01/05/2018	219.55
128650	CRWA	2018 Membership Dues	01/12/2018	1,240.00
128768	CRWA	Distribution Certification Review Class, Grades 1-2 - Crank	01/26/2018	250.00
128768	CRWA	Distribution Certification Review Class, Grades 1-2 - Tindell	01/26/2018	250.00
128769	CSMFO CA SOCIETY OF	2018 Membership - Christensen	01/26/2018	110.00
128651	CUMMINS PACIFIC	Fuel Line - CCWTP Generator	01/12/2018	84.67
128590	CWEA	Membership - Samorano	01/05/2018	180.00
128652	CWEA	Membership - Filippini	01/12/2018	180.00
128726	CWEA	Membership - Zanardi	01/19/2018	180.00
128726	CWEA	Collection System Maintenance, Grade 2 Cert Renewal - Burkhardt	01/19/2018	90.00
128726	CWEA	Collection System Maintenance, Grade 2 Cert Renewal - Gerkenmeyer	01/19/2018	90.00
128770	CWEA	Electrical/Instrumentation, Grade 4 Cert Renewal - Crumpacker	01/26/2018	100.00
128653	DATAPOSE	UB Statement Processing 12/17	01/12/2018	3,775.45
128591	DOWNEY BRAND ATTORNEYS LLP	Legal Services 11/17	01/05/2018	9,237.00
128771	DOWNEY BRAND ATTORNEYS LLP	Legal Services 12/17	01/26/2018	1,105.00
128593	DUDEK	CEQA Services - JLVTP Pre-Treatment Facility Project	01/05/2018	5,332.26 (B)
128654	EBBETTS PASS GAS SERVICE	Fuel 01/18	01/12/2018	2,830.24
128654	EBBETTS PASS GAS SERVICE	Gas Line Leak Repair - Dunbar Road Generator	01/12/2018	515.04
128655	EBBETTS PASS LUMBER	Pavers - Indian Rock Road	01/12/2018	21.36
128655	EBBETTS PASS LUMBER	Water Cooler/Ice Scraper/Tape/Chain/Coupler/Nozzle - Hunter's WTP	01/12/2018	111.22
128594	ECORP CONSULTING, INC	Professional Services - Mokelumne River Water Supply Study A	01/05/2018	6,554.00
128594	ECORP CONSULTING, INC	Professional Services - Mokelumne River Water Supply Study B	01/05/2018	193.76 (D)
128594	ECORP CONSULTING, INC	Professional Services - White Pines Stream Gaging	01/05/2018	1,122.07
128594	ECORP CONSULTING, INC	Professional Services - Stanislaus River Water Supply Development	01/05/2018	995.00
128594	ECORP CONSULTING, INC	Professional Services - Bear Creek Gages	01/05/2018	102.50
128656	EGGERTON, DAVE	ACWA Meetings, Sacramento Parking Reimbursement	01/12/2018	16.50
128657	ENVIRONMENTAL OPERATING SOLUTIONS	MicroC 2000 - DFVCTO WWTP	01/12/2018	3,728.20
128728	EUOFINS EATON ANALYTICAL, INC	Waste Water Testing 01/18	01/19/2018	6,648.00
128728	EUOFINS EATON ANALYTICAL, INC	Water Testing 01/18	01/19/2018	2,927.00
128659	FASTENAL	Saw Blades/Tape/Grinding Wheels/Hand Sanitizer/Grease/Batteries - JL	01/12/2018	691.98
128772	FEDERAL EXPRESS	Shipping 01/18	01/26/2018	46.44
128661	FLOSOURCE, INC.	Valve with Actuator/Buna Repair Kit/Seat - Hunter's WTP Waste Valves	01/12/2018	6,442.44
128662	FOOTHILL PORTABLE TOILETS	Portable Toilet Rental 12/18 - Sheep Ranch	01/12/2018	82.00
128663	FOOTHILL PRINTING & GRAPHICS	Return Envelopes	01/12/2018	586.49

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128664	FOREST MEADOWS OWNERS ASSOC	2018 Annual Road Access Fee	01/12/2018	405.00
128729	GAMBI DISPOSAL INC.	Bio-Solids Disposal - AWWTP	01/19/2018	1,876.25
128729	GAMBI DISPOSAL INC.	Bio-Solids Disposal - DF/VCTO WWTP	01/19/2018	593.75
128729	GAMBI DISPOSAL INC.	Bio-Solids Disposal - FMWWTP	01/19/2018	158.65
128730	GARCIA AND ASSOCIATES	Archaeological Investigation - JLLWTP Pre-Treatment Facility Project	01/19/2018	2,661.32 (B)
128665	GENERAL PLUMBING SUPPLY CO INC	Meters (30) - JL	01/12/2018	5,027.40
128665	GENERAL PLUMBING SUPPLY CO INC	Meters (30) - CC	01/12/2018	5,027.40
128665	GENERAL PLUMBING SUPPLY CO INC	Meters (10) - WP	01/12/2018	1,675.67
128665	GENERAL PLUMBING SUPPLY CO INC	Couplings/Clamps/Gate Valves/Tracer Wire - JL Pipeline Replacement Proj	01/12/2018	7,358.52
128597	GOVCONNECTION, INC	Hard Drive - OP HQ (Stock)	01/05/2018	139.79
128667	GOVCONNECTION, INC	Battery - Electrician Laptop	01/12/2018	147.84
128773	GOVCONNECTION, INC	Desktop Computers (8)	01/26/2018	7,798.96
128668	GRAINER	Adapters/Couplers/Effluent Pumps/Unions - Wallace WWTP	01/12/2018	2,074.50
128668	GRAINER	Basket Strainer/Check Valve - Southworth WWTP	01/12/2018	931.79
128668	GRAINER	Block Heater - CC L/S #16 Generator	01/12/2018	151.05
128668	GRAINER	Block Heater - JL Huckleberry L/S	01/12/2018	151.05
128668	GRAINER	Block Heater - Wallace WTP Generator	01/12/2018	151.05
128668	GRAINER	Block Heater - Wallace WWTP Generator	01/12/2018	151.05
128731	GRAINER	Chain Hoist - Vehicle #611	01/19/2018	887.36 (D)
128731	GRAINER	Daily Journal/Cut Off Wheels - JL Shop	01/19/2018	95.08
128731	GRAINER	Connectors - Electricians Stock	01/19/2018	247.32
128598	HACH COMPANY	Reagent Sets - Hunter's/Sheep Ranch	01/05/2018	433.49
128598	HACH COMPANY	Lamp Assembly/Accuvac/Solution/Reagent Sets/Ascorbic Acid - JLLWTP	01/05/2018	1,595.36
128669	HACH COMPANY	Stabcal/Ice Pic/Pocket Chlorometer/Lamp Assembly - Hunter's WTP	01/12/2018	2,109.51
128669	HACH COMPANY	Sensor Cartridge - DF/VCTO WWTP	01/12/2018	1,127.09
128670	HD SUPPLY CONSTRUCTION & INDUSTRIAL	Gravel Bags/Wooden Stakes/Visqueen/Silt Fence/Bio Wattles - SWPPP	01/12/2018	1,203.48
128774	HD SUPPLY CONSTRUCTION & INDUSTRIAL	Class II Safety Vests - Inspectors	01/26/2018	66.47
128671	HERD'S MACHINE & WELD SHOP	Metal Tubing - Vehicle #721	01/12/2018	110.15
128671	HERD'S MACHINE & WELD SHOP	Flat Bar - Hunter's WTP	01/12/2018	19.09
128671	HERD'S MACHINE & WELD SHOP	Aluminum Arc Rod/Rack Straps/Welding Glove - Vehicle #143	01/12/2018	220.94
128671	HERD'S MACHINE & WELD SHOP	Channel Iron - FMWWTP	01/12/2018	160.88
128671	HERD'S MACHINE & WELD SHOP	Welding Gloves - EP Shop	01/12/2018	32.18
128775	HOBGOODS CLEANING	Janitorial Services 01/18	01/26/2018	1,985.00
128600	HOLT OF CALIFORNIA	Keys - LCWHSE Backhoe	01/05/2018	18.18
128672	HOLT OF CALIFORNIA	Batteries - CC L/S #18	01/12/2018	663.06
128672	HOLT OF CALIFORNIA	Fuel Priming Pump/Gasket - CC L/S #15 Generator	01/12/2018	234.08
128601	HUGHESNET	Internet Service 01/18 - FMWWTP	01/05/2018	82.23
128673	HUGHESNET	Internet Service 01/18 - AWWTP	01/12/2018	80.94

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128674	HUNT & SONS, INC	Oil - JLTWP	01/12/2018	203.93
128674	HUNT & SONS, INC	Fuel - CC	01/12/2018	1,654.21
128732	HUNT & SONS, INC	Fuel - WP	01/19/2018	1,408.18
128675	INDUSTRIAL ELECTRICAL CO	Guide Claw - CC L/S #40 Pump	01/12/2018	498.04
128675	INDUSTRIAL ELECTRICAL CO	Motor Repair - EP Meadowmont P/S	01/12/2018	5,793.30
128676	IRON MOUNTAIN	Document Destruction 12/17	01/12/2018	74.02
128776	JARNAGIN, MATTHEW	Class A Permit Reimbursement	01/26/2018	73.00
128734	JS WEST PROPANE GAS	Propane - JLTC	01/19/2018	561.30
128777	KASL CONSULTING ENGINEERS	Civil Engineering Services - EP Reach 1 Water Pipeline Replacement Proj	01/26/2018	72,646.04 (E)
128603	KENNEDY/JENKS CONSULTANTS	Engineering Services - La Contenta WW Master Plan	01/05/2018	802.50
128603	KENNEDY/JENKS CONSULTANTS	Engineering Services - Copper Cove WW Master Plan	01/05/2018	3,947.50
128603	KENNEDY/JENKS CONSULTANTS	Permitting/Report of Waste Discharge Support - CCWW System	01/05/2018	2,587.50
128778	KIRSCHMAN, NATHANIEL	Safety Boot Reimbursement	01/26/2018	189.99
128678	LAKE TULLOCH TRUE VALUE	Pliers/Gloves/Tape/Discs/Paint/Lumber/Soap/Antifreeze - CC	01/12/2018	470.95
128679	LEE & RO, INC	Engineering/Design Services - CC L/S's 8, 12, 13 & Force Main Bypass	01/12/2018	4,890.41 (E)
128679	LEE & RO, INC	Engineering/Design Services - CC L/S's 15, 16 Renovations	01/12/2018	4,890.41 (E)
128779	LIEBERT CASSIDY WHITMORE	Legal Services 12/17	01/26/2018	1,384.00
128780	MEYER, JEFFREY	CDIAC Investment Training Travel Reimbursement	01/26/2018	245.34
128680	MODESTO AIRCO GAS & GEAR	Argon Gas/Mig Wire - Electricians	01/12/2018	60.80
128680	MODESTO AIRCO GAS & GEAR	Cylinder Rental 12/17	01/12/2018	105.60
128681	MOTHER LODGE ANSWERING SERVICE	Answering Service 01/18	01/12/2018	562.96
128682	MOUNTAIN OASIS PURIFIED WATER	Water/Supplies 12/17	01/12/2018	101.90
128683	MUNICIPAL MAINTENANCE EQUIP	Switches/Face Plate/Seals - Vehicle #126	01/12/2018	206.88
128684	NEOFUNDS BY NEOPOST	Postage 12/17	01/12/2018	1,000.00
128685	NEOPOST USA INC	Maintenance Agreement Folder/Sorter 02/18	01/12/2018	326.09
128686	NEW FRONTIER AUTO SUPPLY INC	Oil/Filters/Plug/Tire Repair Needle/Probe/Refill Kit - Vehicle #128	01/12/2018	407.17
128687	NEW YORK LIFE	Life Insurance 12/17	01/12/2018	1,171.74 (C)
128781	NORDAHL LAND SURVEYING	Property Line Staking - Rancho Calaveras	01/26/2018	1,200.00
128688	NORTHSTAR CHEMICAL	Sodium Hydroxide - LCWWTP	01/12/2018	2,292.47
128688	NORTHSTAR CHEMICAL	Sodium Hydroxide - AWWTP	01/12/2018	5,067.56
128688	NORTHSTAR CHEMICAL	Sodium Hydroxide - DF/VCTO WWTP	01/12/2018	1,266.89
128688	NORTHSTAR CHEMICAL	Sodium Hypochlorite - JLTWP	01/12/2018	1,309.00
128737	OCCU-MED, LTD	Pre-Employment Exam - Utility Staff	01/19/2018	231.50
128736	O'CONNELL & DEMPSEY, LLC	Consulting Services Federal Legislative Advocacy 12/17	01/19/2018	4,000.00
128689	O'REILLY AUTO PARTS	Toggle Switches/Cleaner - Vehicle #126	01/12/2018	21.42
128689	O'REILLY AUTO PARTS	Tape - Vehicle #144	01/12/2018	61.81
128689	O'REILLY AUTO PARTS	Lube/Brake Shoes/Drums - Vehicle #533	01/12/2018	186.25
128689	O'REILLY AUTO PARTS	Headlight/Windshield Washer - Vehicle #614	01/12/2018	15.60

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128689	O'REILLY AUTO PARTS	Oil - Vehicle #717	01/12/2018	32.99
128689	O'REILLY AUTO PARTS	Filters/Oil - Vehicle #719	01/12/2018	76.59
128689	O'REILLY AUTO PARTS	Jumper Cables/Gloves - LCWHSE	01/12/2018	115.79
128689	O'REILLY AUTO PARTS	Fuses/Antifreeze - CC L/S #18	01/12/2018	40.71
128604	P G & E	Power 12/17 - District Wide	01/05/2018	2,408.82
128605	P G & E	Power 12/17 - JLTC	01/05/2018	135.11
128606	P G & E	Power 12/17 - Wallace Spray Fields	01/05/2018	23.44
128607	P G & E	Power 12/17 - Warmwood L/S	01/05/2018	14.83
128608	P G & E	Power 12/17 - Woodgate L/S	01/05/2018	16.76
128690	P G & E	Power 12/17 - CC Water Tank	01/12/2018	40.11
128691	P G & E	Power 12/17 - OP HQ	01/12/2018	118.64
128738	P G & E	Power 01/18 - Hwy 26	01/19/2018	10.01
128782	PACIFIC SOUTHWEST IRRIGATION	Pipe/Fittings - CC Collections	01/26/2018	1,346.48
128692	PAPE KENWORTH	Fuel Pump - CC L/S #2 Generator	01/12/2018	136.75
128692	PAPE KENWORTH	Fuel Pump/Hoses - CC L/S #4 Generator	01/12/2018	105.30
128783	PAYMENTUS GROUP INC	Payment Processing 12/17	01/26/2018	5,550.00
128784	PETERSON BRUSTAD INC	Engineering Services - Jenny Lind Water Master Plan Update	01/26/2018	5,721.45
128784	PETERSON BRUSTAD INC	Engineering Services - Copper Cove Water Master Plan Update	01/26/2018	952.35
128693	POTRERO HILLS LANDFILL	Bio-Solids Disposal - AWWTP	01/12/2018	393.40
128693	POTRERO HILLS LANDFILL	Bio-Solids Disposal - DF/VCTO WWTP	01/12/2018	174.25
128786	R.E. SMITH CONTRACTORS, INC.	Construction Contract - JLVWTP Pre-Treatment Facility Project	01/26/2018	33,550.20 (E)
128694	RICHARDSON & COMPANY	Auditing Services FY 2016-17	01/12/2018	4,820.00
128695	RON COOPER	Paving/Saw Cutting - Rancho Calaveras	01/12/2018	21,427.00
128696	RYAN HERCO PRODUCTS CORP.	Rotometers (3) - CCWTP	01/12/2018	237.92
128740	SENDERS MARKET INC	Bolts/Bushings/Totes/Rack/Distilled Water - Southworth WWTP	01/19/2018	195.28
128740	SENDERS MARKET INC	Sprayer - Construction Crew	01/19/2018	13.51
128740	SENDERS MARKET INC	Concrete - JL Dunn Road Leak Repair	01/19/2018	189.64
128740	SENDERS MARKET INC	Tape Measure/Extension Bar/Keys/Fiberglass - JL Shop	01/19/2018	68.97
128740	SENDERS MARKET INC	Silicone/Lumber/Joist Hanger/Plugs - Southworth WWTP Sprayfields	01/19/2018	196.26
128740	SENDERS MARKET INC	Phone Charger	01/19/2018	(21.23)
128740	SENDERS MARKET INC	Waste Oil Pump Fittings - Vehicle #523	01/19/2018	25.26
128740	SENDERS MARKET INC	Air Dryer Fittings - JLVWTP	01/19/2018	49.64
128610	SIGNAL SERVICE	Alarm Monitoring Jan-March 2018	01/05/2018	1,702.20
128741	SLAKEY BROS - JACKSON	Pumps/Floats/Lids/Fittings/Caps/Risers - District Wide Septic Tank Stock	01/19/2018	5,326.05
128741	SLAKEY BROS - JACKSON	Riser/Lids/Box/Valve/Pump/Panel - Vallecito Septic Tank Install	01/19/2018	1,530.36
128697	SPENCE RANCH FEED & SUPPLY	Straw - FMWWTP	01/12/2018	28.93
128788	STAPLES CREDIT PLAN	Office Supplies	01/26/2018	3,092.29
EFT	STATE BOARD OF EQUALIZATION	Use Tax Oct-Dec 2017	01/26/2018	201.00

AP Disbursements  
January 1-31, 2018

Check No.	Vendor/Employee	Transaction Description	Date	Amount
128617	SWRCB	Water System Fees - Sheep Ranch	01/05/2018	288.00
128617	SWRCB	Water System Fees - West Point	01/05/2018	3,462.00
128617	SWRCB	Water System Fees - Wallace	01/05/2018	630.00
128617	SWRCB	Large Water System Fees - Jenny Lind	01/05/2018	15,758.00
128617	SWRCB	Large Water System Fees - Ebbetts Pass	01/05/2018	22,100.00
128617	SWRCB	Large Water System Fees - Copper Cove	01/05/2018	11,463.50
128618	SWRCB	Water Treatment Plant Operator, Grade 2 Certification - DeAmicis	01/05/2018	80.00
128699	SWRCB	Water Treatment Plant Operator, Grade 2 Certification - Crank	01/12/2018	80.00
128701	TELENATIONAL COMMUNICATIONS	Internet Service 12/17 - Wallace	01/12/2018	41.94
128742	THATCHER COMPANY, INC	Chlorine - Wallace/Southworth WWTP	01/19/2018	875.59
128787	THE REED LEASING GROUP	2018 Annual Road Maintenance Fee - OP HQ	01/26/2018	800.00
128702	TIFCO INDUSTRIES	Discs/Fittings/Terminals/Clamps/Rivets/Connectors/Fuses - EP Shop	01/12/2018	515.17
128702	TIFCO INDUSTRIES	Grinder/Ball Joint Tool/Air Hammer Kit/Pliers/Strut Tamer - Vehicle #611	01/12/2018	4,361.21 (D)
128743	TIFCO INDUSTRIES	Cables/Switches/Fittings/Terminals/Fuses/Grinder Wheels - JL Shop	01/19/2018	724.89
128703	TRANSMISSIONS BY HAL	Rebuild Rear Axle Assembly - Vehicle #533	01/12/2018	750.00
128704	TREATS GENERAL STORE INC	Meeting Supplies	01/12/2018	7.78
128704	TREATS GENERAL STORE INC	Shop Vac/Couplers - OP HQ	01/12/2018	70.73
EFT	UMPQUA BANK	VacCon Truck Loan Payment, Oct-Dec 2017	01/26/2018	17,628.33
128705	UNION DEMOCRAT	Electrician/Administrative Technician Recruitment Ads	01/12/2018	549.85
128706	UNION PUBLIC UTILITY DISTRICT	Water Service 12/17 - DFVCTO	01/12/2018	159.00
128620	UNITED PARCEL SERVICE	Shipping 12/17	01/05/2018	48.80
128789	UNITED PARCEL SERVICE	Shipping 01/18	01/26/2018	75.00
128708	UNIVAR USA INC	SLS 45 - CC Lower Thompson L/S	01/12/2018	1,576.74
128709	US JETTING INC	Pressure Disc Holder/Elbow - Hydro Trailer	01/12/2018	57.52
128710	USA BLUE BOOK	Pipe Fittings/Dissolved Oxygen - CCWTP	01/12/2018	506.61
128710	USA BLUE BOOK	pH Electrodes - JLVWTP	01/12/2018	184.67
128710	USA BLUE BOOK	Locking Plugs/Shut Off Tool - LCWHSE	01/12/2018	796.45
128710	USA BLUE BOOK	Pipet Bulb/Injection Quills/Dipper/Meter Stand - FMWWTP	01/12/2018	320.29
128710	USA BLUE BOOK	Pipets - DFVCTO WWTP	01/12/2018	96.48
128790	USDA FOREST SERVICE	2018 Land Use Fee - EP Water System	01/26/2018	544.49
128711	VALLEY SPRINGS FEED INC	Straw - JL Leak Repair SWPPP	01/12/2018	19.35
128712	VERIFIED FIRST, LLC	Background Investigation - Utility Staff	01/12/2018	36.50
128621	VOLCANO TELEPHONE COMPANY	Phone/Fax 12/17 - WP	01/05/2018	502.04
128744	WEAVER, TOM	Oil/Lube - Vehicle #717	01/19/2018	97.75
128791	WECO INDUSTRIES	Plug/Pole Adapter/Hose - Vehicle #133	01/26/2018	458.30
128713	WEST POINT LUMBER INC	Bailcock/Lever - WPPWTP	01/12/2018	22.28
EFT	WEX BANK	Fuel 12/17	01/10/2018	9,409.62
128622	WIENHOFF DRUG TESTING	2018 Annual Consortium Fee	01/05/2018	1,260.00


CCWLD  
 AP Disbursements  
 January 1-31, 2018


Check No.	Vendor/Employee	Transaction Description	Date	Amount
128714	WILLDAN	Assessment District Services - West Point Acres	01/12/2018	431.45 (C)
128714	WILLDAN	Assessment District Services - Arnold	01/12/2018	1,007.17 (C)
128714	WILLDAN	Assessment District Services - DaLee/Cassidy	01/12/2018	451.10 (C)
128714	WILLDAN	Assessment District Services - Fly In Acres	01/12/2018	655.10 (C)
128714	WILLDAN	Assessment District Services - Wallace	01/12/2018	637.96 (C)
128714	WILLDAN	Assessment District Services - Saddle Creek	01/12/2018	2,058.48 (C)
128715	XYLEM WATER SOLUTIONS USA, INC	UV Bulb Brushes - FMWWTP	01/12/2018	168.21
128716	ZOOM SMOG & AUTOMOTIVE	Wireless Winch Remote Control (2)/Balance Tires - Vehicle #614	01/12/2018	231.44
	Employee Medical Reimbursement (5)			1,456.20
	Retiree Health Reimbursements (3)			1,125.84
	Customer Refunds (8)			1,084.46
				<u>801,072.60</u>



# Agenda Item

DATE: February 14, 2018

TO: Dave Eggerton, General Manager 

FROM: Peter Martin, Manager of Water Resources 

SUBJECT: Presentation on FERC Relicensing Efforts by Placer County Water Agency

---

## RECOMMENDED ACTION:

Informational update only. No action requested at this time.

## SUMMARY:

Mr. Andy Fecko and Mr. Ben Ransom of Placer County Water Agency (PCWA) will provide a presentation and overview on their recent Federal Energy Regulatory Commission (FERC) relicensing efforts for the Middle Fork American River Hydroelectric Project. PCWA staff will discuss the history and process to relicense their project, which was the result of more than 10 years of concerted efforts to oversee the completion of various complex regulatory application processes. Their efforts also required targeted engagement of stakeholders in the region, consultations with many state and federal resource agencies, and the formalizing of several advanced technical studies.

CCWD currently holds licenses for two hydroelectric projects in the region. Projects 2409 and 2903, respectively the North Fork Stanislaus Hydroelectric Project and the New Hogan Dam Hydroelectric Project, have licenses that are set to expire in 2032. The Board has requested a presentation in order to gain a better understanding of what to expect from potential relicensing efforts of these critically important assets of the District. Active steps in the next few years will be required to lay out a roadmap for a successful relicensing of the two projects.


While it should be clear that no relicensing effort follows a "one-size-fits-all" approach, many of the recent lessons learned by a neighboring agency will provide value in forecasting the next steps for the District and project partners.


## FINANCIAL CONSIDERATIONS:

None at this time.

# Agenda Item

DATE: February 14, 2018

TO: Dave Eggerton, General Manager 

FROM: Peter Martin, Manager of Water Resources 

SUBJECT: Update/Direction on the release of the California Natural Resources Agency Mokelumne River Wild and Scenic Designation Study

---

## RECOMMENDED ACTION:

Informational update and Board direction on staff review.

## SUMMARY:

On Friday, January 26, 2018 the California Natural Resources Agency (CNRA) released a Draft Study assessing the suitability of five segments of the Mokelumne River for state designation under the California Wild and Scenic Rivers Act, pursuant to the provisions in California Assembly Bill 142 (Bigelow, 2015). The California Wild and Scenic Rivers Act preserves designated rivers or river segments that are: (1) free-flowing, and (2) possess at least one extraordinary wildlife, fishery, scenic, or recreational value. The CNRA will hold a public meeting to receive verbal comments on the Draft Report on February 15, 2018, from 6:00–8:00 p.m. at the Mokelumne Hill Town Hall. Formal written comments on the Draft Report are due to CNRA on February 28, 2018. The Draft Study can be accessed at the following web link: <http://resources.ca.gov/programs-projects/wildandscenic>

Attached to this memo are some selected excerpts of the Draft Report that summarize the CNRA alternatives and recommendations. Summarily, the five segments are recommended for inclusion into the State “Wild and Scenic” system, in that all segments possess “extraordinary recreational values” and three of the five segments possess “extraordinary scenic values”. All segments are also considered “free flowing”. The CNRA’s preferred alternative (Alternative 4) recommendation also includes “special provisions” to address local concerns about future local water development projects and existing water rights or pending water right applications.

Since the release of the Draft Report, CCWD staff has been coordinating review of the Draft Study with staff from Amador Water Agency, Calaveras Public Utility District, and Jackson Valley Irrigation District. The purpose of the item today is to receive input from the CCWD Board of Directors ahead of the deadline for comment submission.

## FINANCIAL CONSIDERATIONS:

None at this time.

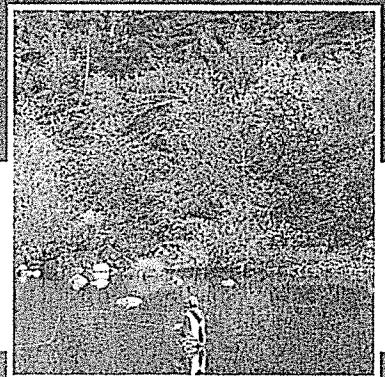
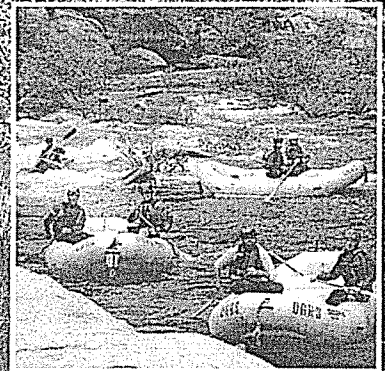
- Attachments:     *Excerpts from the CNRA January 26, 2018 Mokelumne River Wild and Scenic River Study Report:*
- *Cover and Executive Summary*
  - *Chapter 7: Alternatives and Recommendations*



# Mokelumne River

## Wild and Scenic River Study Report

DRAFT  
January 2018



Prepared for:



Prepared by:



Draft

# **Mokelumne River Wild and Scenic River Study Report**

Prepared for:

California Natural Resources Agency  
1416 Ninth Street, Room 1311  
Sacramento, CA 95814

Contact:

Joey Wall, Special Assistant  
(916) 651-0393  
Joseph.Wall@resources.ca.gov

Prepared by:

GEI Consultants, Inc.  
2868 Prospect Park Drive, Suite 400  
Sacramento, CA 95670

Contact:

Phil Dunn  
(916) 341-9127

January 2018

Project No. 1702798

# Executive Summary

---



# Executive Summary

---

The California Wild and Scenic Rivers Act (Act) was passed into law in 1972 to preserve designated rivers or river segments that are free-flowing and possess extraordinary wildlife, fishery, scenic, or recreational values. Assembly Bill No. 142 (AB 142), signed into law on October 9, 2015, requires the Secretary of the California Natural Resources Agency (CNRA) to evaluate five segments of the North Fork Mokelumne River and Mokelumne River for inclusion in the California Wild and Scenic Rivers System (System). Segments A – E possess extraordinary recreational values; Segments A, B, and C1 possess extraordinary scenic values. The segments were classified under the Act as wild, scenic, or recreational, which reflect existing level of development, not extraordinary resource values:

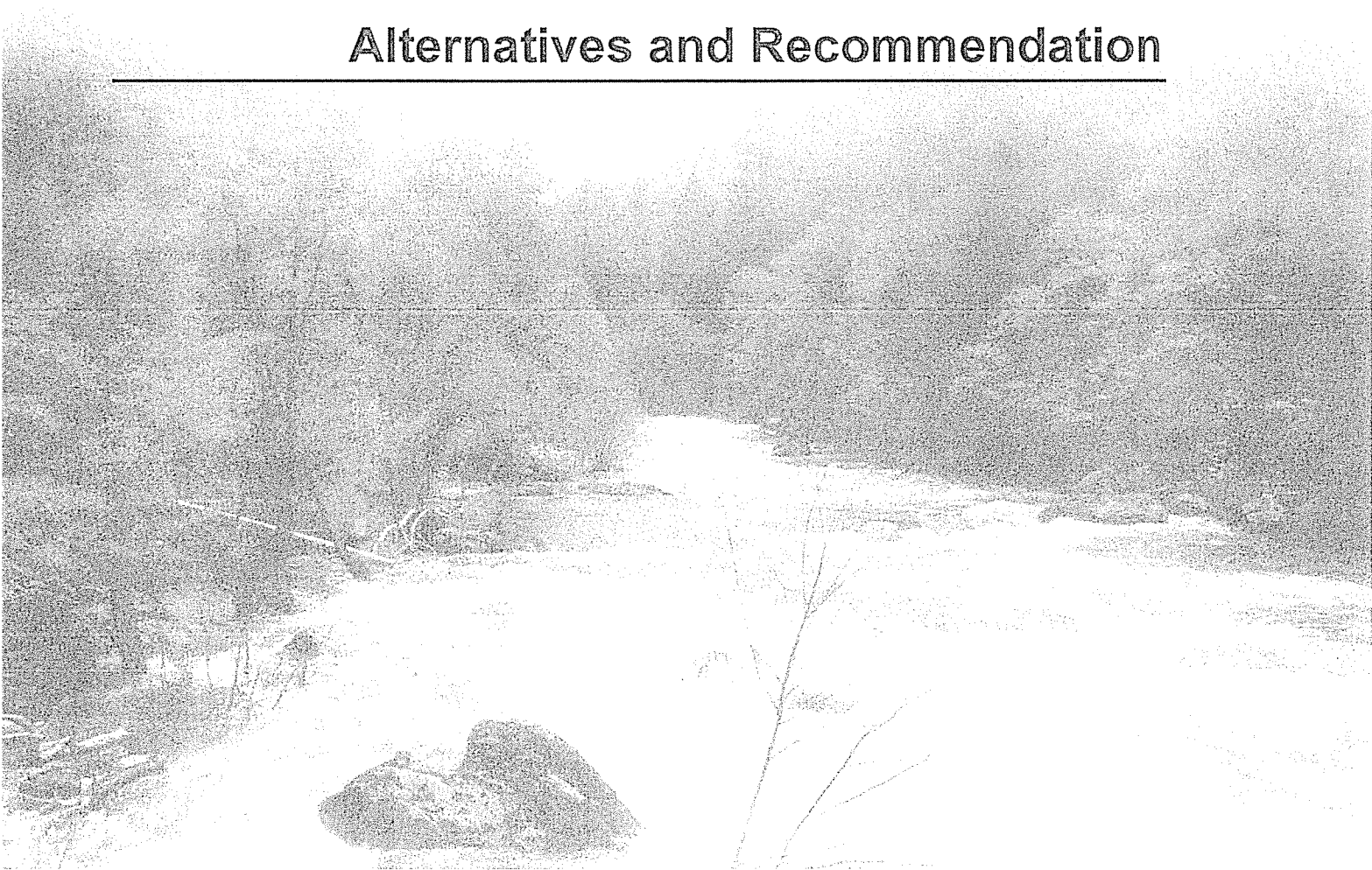
- **Segment A1:** North Fork Mokelumne River from 0.50 mile downstream of the Salt Springs Dam to Bear Creek confluence (**Recreational**); **Segment A2:** Bear Creek confluence to 0.50 mile upstream of the Tiger Creek Powerhouse (**Wild**).
- **Segment B:** North Fork Mokelumne River from 1,000 feet downstream of the Tiger Creek Afterbay Dam to State Highway Route 26 (**Wild**).
- **Segment C1:** North Fork Mokelumne River from 400 feet downstream of the small reregulating dam at the outlet of the West Point Powerhouse to the southern boundary of Section 12, T6N R12E (**Wild**); **Segment C2:** Section 12 boundary to confluence of the North and Middle Forks Mokelumne River (**Recreational**).
- **Segment D:** Main stem Mokelumne River from the confluence of the North and Middle Forks to 300 feet upstream of the Electra Powerhouse (**Scenic**).
- **Segment E:** Main stem Mokelumne River from 300 feet downstream of the small reregulating dam downstream of the Electra Powerhouse to the Pardee Reservoir flood surcharge pool at 580 feet elevation above mean sea level (**Recreational**).

Existing water uses, water rights, and land uses generally would not be affected by designation, except special conditions may apply to timber harvesting within 200 feet of designated segments. PG&E facilities, operations, maintenance, and repair would not be affected by designation. Any new dams on the designated segments or dams impounding water on designated segments would be precluded. Potential future local water projects are conceptual and cannot be considered “feasible” at this time. With respect to future new water rights, the Mokelumne River is a fully appropriated stream from March 1 to November 30, which is a limitation on future water development. Future local water projects would need to meet prevailing environmental laws and with river designation, would also need to be designed to avoid adverse effects on the free-flowing condition and natural character of designated segments, particularly on the extraordinary scenic and recreational values for which the segments were designated.

This study recommends including the segments listed above into the System with special provisions to protect existing water rights application 5647X03 and future local water development projects designed to avoid adverse effects on the free-flowing condition and natural character of designated segments, as well as on the extraordinary scenic and recreational values for which the segments would be designated.

## Chapter 7

# Alternatives and Recommendation





# Chapter 7. Alternatives and Recommendation

---

Several alternatives are available for recommendation by the Secretary to the Legislature and Governor as discussed below.

**Alternative 1** is to recommend that none of the five study segments of the North Fork Mokelumne River and Mokelumne River under consideration for designation be included in the California Wild and Scenic Rivers System. Available data, however, support justification to include all five study segments as part of the System. All segments under consideration were found to be eligible for inclusion. While the river system has existing infrastructure developments, there are no significant structures within the eligible segments. In addition, operations of existing infrastructure are managed under a stream ecology program which ensures that patterns of flow through the eligible segments mimic the annual flow cycle and interannual variability of the natural flow of the river but with flow volumes reduced. Nondesignation would potentially allow future water impoundments and diversions which could upset the balance between water uses and instream flows which support the river's relatively free-flowing status, immediate environments, natural character, and extraordinary scenic and recreational values for the benefit and enjoyment of the people of the State. The free-flowing status, immediate environments, natural character, and extraordinary scenic and recreational values would remain at risk to future water impoundments and diversions with this alternative.

**Alternative 2** is to include only a subset of the five eligible segments of the North Fork Mokelumne River and Mokelumne River under consideration for designation be included in the California Wild and Scenic Rivers System. The number of subsets is large and it is unnecessary to evaluate any or all of these subsets because all segments are eligible and the impacts of designating a few segments versus all five segments is small. The eligible segments traverse several Sierra Nevada ecological communities as the stream descends from approximately 3,600 feet to approximately 580 feet over a distance of nearly 40 river miles through a diversity of high scenic values, in a viewshed that is generally intact and harmonious. The combination and unique integrity of the geologic, hydrologic, vegetation, recreation, and cultural resources provide recreational values along the five river segments that give a continuum of diverse and at times unique recreational opportunities which are extraordinary when considered as a whole. The free-flowing conditions, immediate environments, natural character, and extraordinary scenic and recreational values of any eligible but non-designated segments would remain at risk to future water impoundments and diversions with this alternative.

**Alternative 3** is to include all eligible segments of the North Fork Mokelumne River and Mokelumne River in the California Wild and Scenic Rivers System. Each of the segments considered for designation has been found to be eligible either individually (Segments A, B, C1, and E) or when considered as a whole (Segments A, B, C1 and C2, D, and E). Wild and Scenic River designation of all eligible segments would preserve the free-flowing conditions; immediate environments; natural character: and continuum, diversity, and unique integrity of extraordinary scenic and recreational values. The certainty that would be desired by local water stakeholders to access potential future water rights with new or modified facilities, could be potentially compromised with this alternative, although existing water rights and facilities would be unaffected.

The existing balance between agricultural water and domestic water use for communities within the Counties of Alpine, Amador, and Calaveras where the water originates, and continued management of instream flows that support the free-flowing condition, natural character, and extraordinary values of the eligible river segments, could be preserved if special provisions are included to ensure water users can continue to access their existing water rights using existing or comparable infrastructure with designation of all eligible river segments, and potential future water rights and water projects are not foreclosed with inclusion of the five river segments into the State System.

**Alternative 4 (Recommended Approach)** is to include all five eligible river segments in the California Wild and Scenic Rivers System, similar to Alternative 3, but with special provisions that ensure the suitability of the designation. The five segments contain extraordinary scenic and/or recreational values and would represent unique additions to the California System. Preservation of these segments in their existing free-flowing condition, natural character, and with their extraordinary scenic and/or recreational values is considered to be the highest and most beneficial use of the water for the people of the State. Local land and water uses generally would be maintained, particularly if special provisions are included as part of the designation to ensure water users can continue to use existing or comparable infrastructure to access water available under existing water rights, and potentially develop future water rights and projects that do not adversely affect the free-flowing condition, natural character, and extraordinary scenic and/or recreational values for which the river segments are designated. It is therefore recommended that the following segments of the Mokelumne River be classified and added to the California Wild and Scenic Rivers System as follows:

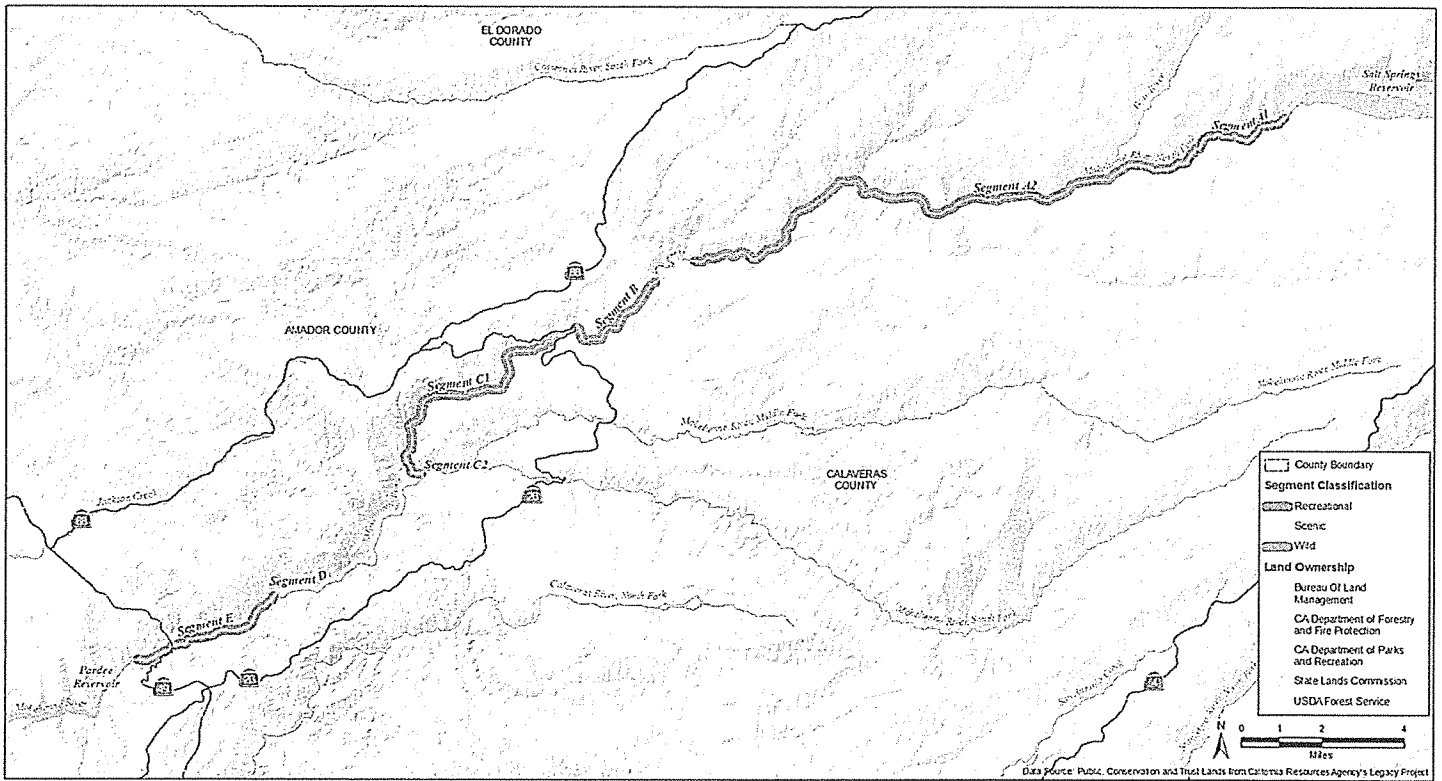
- **Segment A1:** North Fork Mokelumne River from 0.50 mile downstream of the Salt Springs Dam to Bear Creek confluence (**Recreational**); **Segment A2:** Bear Creek confluence to 0.50 mile upstream of the Tiger Creek Powerhouse (**Wild**).
- **Segment B:** North Fork Mokelumne River from 1,000 feet downstream of the Tiger Creek Afterbay Dam to State Highway Route 26 (SR-26) (**Wild**).
- **Segment C1:** North Fork Mokelumne River from 400 feet downstream of the small reregulating dam at the outlet of the West Point Powerhouse to the southern boundary of Section 12, T6N R12E (**Wild**); **Segment C2:** Section 12 boundary to confluence of the North and Middle Forks Mokelumne River (**Recreational**).
- **Segment D:** Mokelumne River from the confluence of the North and Middle Forks to 300 feet upstream of the Electra Powerhouse (**Scenic**).
- **Segment E:** Mokelumne River from 300 feet downstream of the small reregulating dam downstream of the Electra Powerhouse to the Pardee Reservoir flood surcharge pool at 580 feet elevation above mean sea level (**Recreational**).

Classifications of eligible river segments for this recommended alternative are shown in **Figure 7-1**.

This study recommends including the segments listed above into the System, and describes special provisions that address concerns regarding potential effects of the proposed designation on existing water rights application 5647X03 and future local water development projects designed to avoid adverse effects on the free-flowing condition and natural character of designated segments, as well as on the extraordinary scenic and recreational values for which the segments would be designated.

- **Special Provision No. 1.** The designation of the identified segments of the Mokelumne River into the System shall not prejudice, alter, delay, interfere with, or affect in any way, the existing water rights of the Pacific Gas and Electric Company or public water agencies within the Mokelumne River watershed (hereafter defined as upstream of Pardee Reservoir), including the range of operations permitted under these existing water rights; any historic water use practices within existing water rights; or the replacement, maintenance, repair, operation, or future expansion within existing water rights of existing diversion, storage, powerhouse, or conveyance facilities or other works by the Pacific Gas and Electric Company, or public water agencies within the Mokelumne River watershed; nor shall anything in this subdivision preclude the issuance of any governmental authorization or financial assistance needed for utilization of those rights, except that no changes shall cause an adverse effect, if any of the preexisting facilities or places or the purposes of use, upon the free-flowing condition, natural character, or extraordinary scenic or recreational values of the river segments designated herein. Any such change or application shall be subject to all applicable constitutional, statutory, and judicial requirements, including the public trust doctrine. For the purposes of this designation, an adverse effect will be considered to be significant impairment to flows that would otherwise exist independent of this designation.
  
- **Special Provision No. 2.** The designation of the identified segments of the Mokelumne River into the System shall not prejudice, alter, delay, interfere with, or affect any changes to the existing water rights of the Pacific Gas and Electric Company, or public water agencies within the Mokelumne River watershed, including changes in the purposes of use, places of use, points of diversion, quantities of water diverted, or ownership, or applications by these agencies for new water rights, including reservations of rights for County-of-Origin uses; provided, that the changes or applications do not involve the construction of a dam, reservoir, diversion, or other water impoundment facility within the designated segments; or cause an adverse effect, if any of the preexisting water rights or facilities or places or the purposes of use, upon the free-flowing condition, natural character, or extraordinary scenic and/or recreational values of the river segments designated herein. Any such change, application, or future project shall be subject to all applicable constitutional, statutory, and judicial requirements, including the public trust doctrine and a determination that the new or expanded or rehabilitated facilities will not cause an adverse effect upon the free-flowing condition, natural character, or extraordinary scenic or recreational values of the river segments designated herein. For the purposes of this designation, an adverse effect will be considered to be significant impairment to flows that would otherwise exist independent of this designation.
  
- **Special Provision No. 3.** The designation of the identified segments of the Mokelumne River into the System shall not prejudice, alter, affect in any way, or interfere with the maintenance, repair, or operation by the Pacific Gas and Electric Company of the Mokelumne River Project (FERC No. 137) currently under the 2001 Federal Energy Regulatory Commission license for the project, the incorporated settlement agreement, any license amendments made with the agreement of the parties to the incorporated settlement agreement, and any adjustment of flows permitted to occur pursuant to the license for enhancement of ecological and recreational resources.

Figure 7-1. Mokelumne River Segment Classification

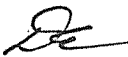


Source: GEI Consultants, Inc., 2017

Data source: Public, Conservation and Trust Lands from California Resources Agency's Legacy Project  
 24/1/2018 RS Z:\P\4\51702789 Mokelumne River\702789\_C013\_Classification.mxd

# Agenda Item

DATE: February 14, 2018

TO: Dave Eggerton, General Manager 

FROM: Jeffrey Meyer  Director of Administrative Services

SUBJECT: Discussion/Direction Regarding Cost of Service and Rate Design Analysis

---

## RECOMMENDED ACTION:

Discussion/Direction Regarding Cost of Service and Rate Design Analysis.

## SUMMARY:

At the December 13, 2017 Board meeting, Shawn Koorn of HDR Engineering, Inc. presented an overview of the Cost of Service and Rate Design Analysis for the water and sewer utilities, including preliminary cost of service results. Additionally, Mr. Koorn discussed the water and sewer rate structure options and requested direction from the Board on finalizing the Cost of Service study rate design alternatives.

The Board recommended the formation of a Cost of Service Ad Hoc Committee to meet and review the water and sewer rate structures and design options and report back to the full Board with their findings and recommendations.

The Ad Hoc Committee held meetings in January and February with staff, and HDR in attendance by conference call. The committee reviewed the cost of service study, the breakdown of costs into customer classes, different rate structures, and rate designs for both sewer and water, including tiered water rates. The committee provided direction to HDR to prepare alternatives to bring to the full Board on February 14, 2018.

Shawn Koorn of HDR Engineering, Inc. HDR will present an updated Cost of Service and Rate Design Analysis, discuss the proposed water and sewer rate structure options and rate design options, and request direction from the Board on finalizing the Cost of Service study the rate design alternatives.

## FINANCIAL CONSIDERATIONS:

None at this time.

# Agenda Item

DATE: February 14, 2018  
TO: Board of Directors  
FROM: Dave Eggerton, General Manager  
SUBJECT: General Manager Report

---

The Little Hoover Commission is an independent state oversight agency that conducts studies and issues reports to the Governor and State Legislature with recommendations for improving the efficiency, economics and services of state operations at all levels. Over the past year, the Commission has studied the subject of forest management, exploring the growing dangers and adverse impacts to California of unhealthy forests, catastrophic fire and tree mortality and the related roles and responsibilities of state government. I had the privilege of testifying before the Commission during its study to convey the perspective of an affected local agency and met with Commission staff at ACWA to share the work that has been done through the Association to advocate for improved forest management. With the conclusion of the study, the Commission released its report this week to the Governor and Legislature entitled, "Fire on the Mountain: Rethinking Forest Management in the Sierra Nevada." I have included the Executive Summary with this agenda. The complete report of 87 pages (including appendices) is available at:

<http://www.lhc.ca.gov/sites/lhc.ca.gov/files/Reports/242/Report242.pdf>.

It calls for fundamental changes in the approach to forest management and utilization of government resources to realize meaningful progress on the ground and provides nine recommendations to that end. This very thoughtful and well-reasoned report adds an important voice to the growing call for immediate and sustained action to address conditions that imperil the state and its natural resources.

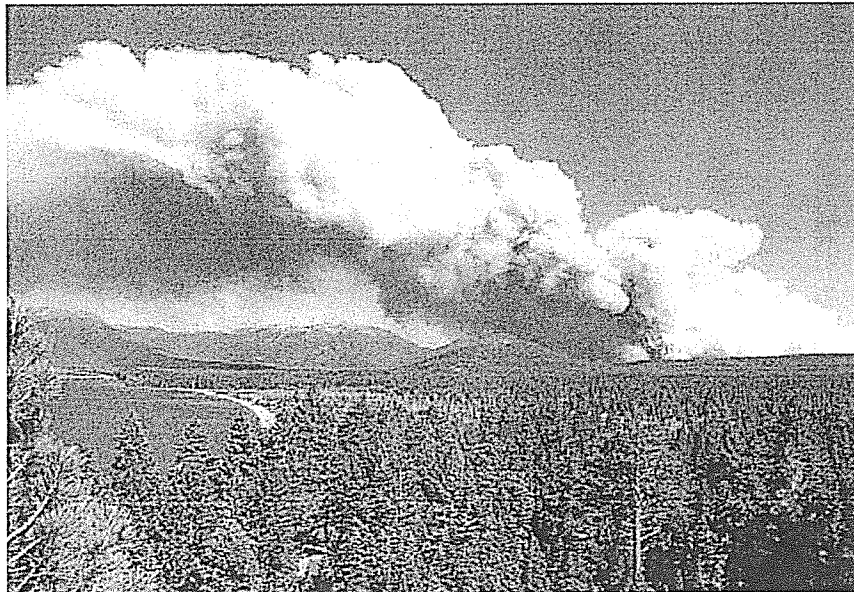
*Attachment: Executive Summary of the Little Hoover Commission Report #242 dated February 2018*



# Fire on the Mountain: Rethinking Forest Management in the Sierra Nevada

---

Report #242, February 2018



## Little Hoover Commission

Pedro Nava  
*Chairman/Subcommittee Member*

Sean Varner  
*Vice Chairman*

David Beier

Iveta Brigis

Anthony Cannella  
*Senator*

Joshua LaFarga

Chad Mayes  
*Assemblymember*

Don Perata

Bill Quirk  
*Assemblymember*

Richard Roth  
*Senator*

Janna Sidley  
*Subcommittee Chair*

Helen Iris Torres

## Former Commissioners Who Served During The Study

Scott Barnett

Jack Flanigan

Sebastian Ridley-Thomas  
*Assemblymember*

Jonathan Shapiro

## Commission Staff

Terri Hardy  
*Executive Director (A)*

Krystal Beckham  
*Project Manager*

Julissa Delgado  
*Research Analyst*

Imran Majid  
*Research Analyst*

Sherry McAlister  
*Administrative Analyst*

Kunal Jhaveri  
*Intern*

## In Memoriam

Carole D'Elia  
*Executive Director*

## With Gratitude To

Jim Wasserman  
*Deputy Executive Director*

Ciana Gallardo  
*Research Analyst*

# Dedicated to Promoting Economy and Efficiency in California State Government

The Little Hoover Commission, formally known as the Milton Marks "Little Hoover" Commission on California State Government Organization and Economy, is an independent state oversight agency.

By statute, the Commission is a bipartisan board composed of five public members appointed by the governor, four public members appointed by the Legislature, two senators and two assemblymembers.

In creating the Commission in 1962, the Legislature declared its purpose:

*...to secure assistance for the Governor and itself in promoting economy, efficiency and improved services in the transaction of the public business in the various departments, agencies and instrumentalities of the executive branch of the state government, and in making the operation of all state departments, agencies and instrumentalities, and all expenditures of public funds, more directly responsive to the wishes of the people as expressed by their elected representatives...*

The Commission fulfills this charge by listening to the public, consulting with the experts and conferring with the wise. In the course of its investigations, the Commission typically empanels advisory committees, conducts public hearings and visits government operations in action.

Its conclusions are submitted to the Governor and the Legislature for their consideration. Recommendations often take the form of legislation, which the Commission supports through the legislative process.

## Contacting the Commission

All correspondence should be addressed to the Commission Office:

Little Hoover Commission  
925 L Street, Suite 805,  
Sacramento, CA 95814  
(916) 445-2125  
[littlehoover@lhc.ca.gov](mailto:littlehoover@lhc.ca.gov)

This report is available from the Commission's website at [www.lhc.ca.gov](http://www.lhc.ca.gov).



# Executive Summary

---

California's forests are reaching a breaking point. Poor management policies that interrupted the natural and historical cycle of fire, combined now with a changing climate, have left forests vulnerable to disease, insects, catastrophic fire and drought. If the state does not take appropriate action soon, Californians risk losing the priceless benefits provided by forests. One forest supervisor told the Commission that management decisions made during the next five to 10 years will determine the forests' condition in 100 to 200 years.

The Commission is encouraged that state leaders recognize the need for decisive action to restore California's forests to resiliency. But much work is needed to change a culture focused almost solely on emergency firefighting to one that supports long-term forest restoration and management.

Prioritizing forest management for the long run – for the healthier, less overgrown forests that enhance watersheds and wildlife, reduce the scale of catastrophic wildfires and better withstand the scourges of bark beetles and a warming climate – will require more money and staff. The Commission typically does not recommend increasing financial and human resources to fix problems, but here it recognizes the savings that ultimately will result from such investment.

Today, California spends all too much for the immediate, emergency consequences of its long-neglected forests. Massive landscapes once sustained by beneficial, low-intensity wildfire are overrun with fire-intolerant trees and thick carpets of forest fuels that can turn even the smallest campfire or sparking power line into a raging firestorm. Property damage and firefighting costs for local, state and federal governments run into the billions of dollars annually. Property damage for the wildfires in October 2017 alone exceeded \$9 billion dollars, and the state spent approximately \$700 million fighting fires between July 2017 and mid-January 2018.<sup>1</sup> After devastating fires, local water districts pay millions more to remove tons of eroded soils from mountain reservoirs that

supply downstream customers. Now state government has invested millions of dollars responding to the horrific damage of bark beetles and the tree mortality crisis in the Sierra Nevada; when CAL FIRE testified before the Commission in January 2017, only 15 months following Governor Brown's declaration of a State of Emergency for tree mortality, it already had allocated more than 80,000 hours of staff time and \$43.6 million dollars solely to responding to the crisis. Local governments and private landowners also are spending heavily to remove hazard trees as a result of the tree mortality crisis. The costs of long neglecting and mismanaging forests have become an unsustainable burden in California.

The new investments the Commission recommends are intended to drive a strategy in which the state pays more for front-end forest management, and eventually, pays less reacting to crises and disasters.

The Commission's findings and recommendations (listed in full at the end of this section) fall into five categories:

- ***Increasing Pace and Scale of Forest Restoration through Collaboration.*** Speeding up and expanding treatments to restore forests to good health demands greater teamwork between state government and the federal government, which owns nearly 60 percent of the forest land in California. California has authority to conduct forest restoration work on federal land through the Good Neighbor Authority authorized in the 2014 Farm Bill. Success will depend on joint government plans and work at the ecosystem and watershed level.
- ***Creating a Culture where Fire is a Tool, not a Threat.*** California's forests evolved with fire and were shaped by fire. Though the increasing number of homes built in or near forests means fire cannot feasibly be returned to the forest everywhere, prescribed fire, where possible, should be used to treat forests. Prescribed fires

work in calm conditions that prevent fire from burning out of control and limit smoke and carbon emissions.

- ***Developing a Long-Term Plan for Forest Materials.*** Appropriate management will result in trees being removed from the forest. When possible, this wood should generate income for forest management. The state already is working to boost demand, within state government and externally, for California forest products, particularly from smaller-diameter trees that historically have had little value. Bioenergy from forest biomass is another option for smaller-diameter wood. The Commission heard important arguments for and against forest bioenergy. As the Commission monitors state efforts to maximize demand for removed wood, it would like the state to develop a long-term bioenergy plan – one that clearly delineates the state’s position on bioenergy and mitigates the effects of using or rejecting it.
- ***Educating Californians on Forest Resiliency.*** Californians are woefully uneducated on the importance of healthy forests and the benefits they provide. The state should invest in a large-scale outreach and education campaign to inform the public about the ecological importance of forests and the necessity for prescribed burns to bring about a lasting culture change in how the state views and treats its forests. Fortunately, a model already exists in California in how the state has approached drought education.
- ***Planning for the Long Term and Ensuring Accountability.*** Formalizing a multijurisdictional planning process will be necessary to undertake the long-term work of restoring California’s forests. Here, too, the state has a successful model in the Tree Mortality Task Force. A scaled-down version of this task force could be used as a steering committee for the larger forest restoration effort. Ensuring accountability for goals stated in the state’s Forest Carbon Plan also will be critical in successfully managing the forests of California. The Commission recommends regular reporting on progress toward these goals, and may hold future hearings on the topic.

## Little Hoover Commission Recommendations on Forest Management

**Recommendation 1:** Led by CAL FIRE, the State of California must engage in collaborative landscape-level forest management for long-term forest resiliency. This planning process should include stakeholders at all levels of government, Native American tribes, scientists, environmental and environmental justice groups, private industry representatives and local residents. Because forest health impacts Californians in urban and coastal areas, efforts should be made to include representatives from non-forested regions to elevate the importance of California’s forests to the entire state’s wellbeing. Leaders also should review existing forestry practices and procedures, including the state’s Forest Practice Rules, to assess whether they facilitate forest resiliency in a changing climate.

- Over time, funding gradually should be shifted from reacting to the consequences of poor forest management to preventative treatments that promote forest health and resilience. This should include spreading the costs among a greater array of beneficiaries of healthy forests statewide.
- State agencies should plan to make greater use of the Good Neighbor Authority to perform treatments on federal land.
- State leaders should continue to remind federal lawmakers and policymakers of federal obligations to its forests within California.

**Recommendation 2:** On CAL FIRE funds that have time constraints for encumbrance and liquidation, the Department of Finance should allow longer timelines to facilitate collaborative large-scale forest management planning.

**Recommendation 3:** The State of California should lead a policy shift from fire suppression to using fire as a tool.

- This should include creating dedicated prescribed fire crews. These job classifications should be designed to attract the state’s top talent, with pay comparable to non-prescribed fire crews.

**Recommendation 4:** Treating the land at the scale outlined in the draft Forest Carbon Plan will require more resources. CAL FIRE, local air districts and other affected agencies should develop a list of positions they will need to meet the draft Forest Carbon Plan goals of treating 500,000 acres of nonfederal land per year, 500,000 acres of USDA Forest Service land per year and 10,000 to 15,000 acres of Bureau of Land Management land per year. State agencies should assume that at least part of the federal lands acreage treated will be by state entities working under the Good Neighbor Authority, and predict their staffing needs accordingly. The Legislature should then fund these extra positions, including the positions at the local level.

- As more funding – such as the jump from \$40 million to more than \$200 million in Greenhouse Gas Reduction Funds between FY 2016-17 and 2017-18 – is allocated for forest management to CAL FIRE and other agencies, these entities must be responsible for properly planning for its use, including an adequate number of staff with necessary skills. If new positions are necessary, CAL FIRE and other agencies and departments should not be penalized for developing the resources needed to successfully administer the forest management program.

**Recommendation 5:** The California Air Resources Board, land managers and other stakeholders should continue to actively work to find ways to increase prescribed burning through better use of technology, including modeling software, traditional portable air quality monitoring and new low-cost sensor monitoring.

- State agencies and other stakeholders should continue to participate to the extent possible in the Fire MOU and Air, Land and Water meetings, as well as other collaborative cross-jurisdictional efforts to overcome the barriers to prescribed fire. Pertinent agencies that currently do not participate in these efforts should participate.

**Recommendation 6:** The State of California should encourage the development of additional infrastructure to utilize material removed from the forests as part of long-term forest management.

- The California Natural Resources Agency, along with members of the steering committee and the interagency leads for each recommendation, should report back to the Commission on the implementation of the SB 859 working group's recommendations.
- The state should issue grants to small communities so they can develop infrastructure according to their needs.

- The state should develop a statewide biomass policy that takes into account the needs of different parts of the state. All stakeholder communities, including environmental justice, should provide input into this policy.
- Part of this plan should explore the potential of biomass near forested communities with newer, cleaner facilities vis-à-vis the economies of scale provided by larger facilities.
- Additionally, this should include research on the public benefits provided by biomass energy within the context of the Renewables Portfolio Standard policy of "least cost best fit," and whether those benefits qualify biomass energy as the best fit in certain situations. Further, analysis of public benefits should give consideration to whether biomass should receive subsidies to lower costs in certain cases, particularly in facilities developed or retrofitted with cleaner technology.

**Recommendation 7:** To better educate Californians about the suite of benefits healthy forests provide to the state, the state should consider the following:

- The state should invest in a long-term forest health campaign similar to Save our Water by contracting with an organization that can use its expertise to raise public awareness of forest health issues. A high-ranking person within the Governor's Administration – preferably the Governor – must champion this effort. Outreach messages should be based on research.
- The Legislature should fund extensive statewide public outreach campaigns for CAL FIRE to continue to educate the public on the benefits of healthy forests and prescribed fire.
- The California Natural Resources Agency should work with the Department of Education to catalog existing educational resources on resilient forests, the history of fire in California's ecological development and from where pupils' water originates to allow teachers to easily access and incorporate the information into their curricula. Additionally, the California Natural Resources Agency should advertise this collection to teachers to spread awareness of these resources.
- The California Natural Resources Agency should collaborate with state colleges and universities offering forestry programs to increase awareness of forest health concerns in their communities, to both educate the public and increase enrollment

- in these programs. Forestry technical advisors affiliated with universities should be consulted on where they are encountering educational gaps to help identify where efforts should be targeted.
- Water districts should play a greater role in educating their customers on the sources of their water. To facilitate this, the state should provide funding for an organization to create educational toolkits that water agencies easily can customize.
- The state should provide grant funding for an educational organization to bring lawmakers, policymakers and their staff to forests to teach them about the benefits provided by forests, the consequences of forest neglect and the different forest treatment outcomes. The organization should work closely with the Legislature and other appropriate bodies to overcome logistical hurdles.
- Californians' knowledge levels and attitudes toward forest health should be measured at the onset of educational campaigns, and policymakers should set clear goals for the changes they would like to see in those attributes. These should be measured throughout the campaigns, with course corrections designed as necessary if the state does not meet its outcomes.

**Recommendation 8:** The Tree Mortality Task Force should evolve into a forest management planning entity, with dedicated funding.

- It should help set a strategic direction for forest management, identify measureable goals, decide how to track results and recommend course corrections to better achieve those goals.
- It should advise on how to incorporate technology in assessing and improving forest health.
- This should include reviewing the planning process and developing recommendations on where streamlining can occur.

**Recommendation 9:** The California Natural Resources Agency, its relevant departments and the California Environmental Protection Agency should regularly report to the Legislature and post online progress on the metrics listed in the Forest Carbon Plan, as well as the steps it is taking to begin implementing the plan. The Commission may hold a follow-up hearing on these steps as well as the progress made on its recommendations.