



**RESOLUTION NO. 2019-16
RESOLUTION NO. PFA-03
ORDINANCE NO. 2019-01**

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, March 13, 2019
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 Review Board of Directors Monthly Time Sheets for February, 2019.

3b Ratify Claim Summary #564 Secretarial Fund in the Amount of \$2,354,229.41 for February, 2019
(Jeffrey Meyer, Director of Administrative Services)

RES 2019-_____

BOARD OF DIRECTORS

Russ Thomas, President Bertha Underhill, Vice President
Scott Ratterman, Director Cindy Secada, Director Jeff Davidson, Director

- 3c Approve Authorized Signers on Banking and Investment Accounts
• Umpqua Bank
• Local Agency Investment Fund
(Jeffrey Meyer, Director of Administrative Services)
- RES 2019-_____**
RES 2019-_____

4. NEW BUSINESS

- 4a Presentation of GreenGen Storage: Mokelumne Water Battery Project
(Peter Martin, Manager of Water Resources)
- 4b Presentation / Discussion of District's Geographic Information System (GIS)
Implementation (Sam Singh, Engineering Technician)
- 4c Discussion / Action Regarding the Amendment of the Fiscal Year 2018-19 Personnel
Allocation (Jeffrey Meyer, Director of Administrative Services) **RES 2019-_____**
- 4d Discussion / Action Regarding Awarding Construction Contract for the Ebbetts Pass
Reach1 Water Pipeline Replacement Project, CIP #11085
(Charles Palmer, District Engineer) **RES 2019-_____**
- 4e Report on the February 2019 Operations Department
(Damon Wyckoff, Director of Operations)
- 4f Discussion / Action Regarding Support of SB 669 (Caballero) – Safe Drinking Water Trust
(Joel Metzger, Manager of External Affairs, Conservation, and Grants)
- 4g Discussion / Action Regarding SB 474: Department of Water Resources: Appropriations of
Water (Joel Metzger, Manager of External Affairs, Conservation, and Grants)
- 4h Discussion / Action Regarding Invitation from Utica Water and Power Authority to Explore
Collaborative Options for Highway 4 Corridor Services
(Michael Minkler, General Manager)

5* GENERAL MANAGER REPORT

6.* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

7. NEXT BOARD MEETINGS

- Wednesday, March 27, 2019, 1:00 p.m., Regular Board Meeting
- Wednesday, April 10, 2019, 1:00 p.m., Regular Board Meeting

8. ADJOURNMENT

CALAVERAS COUNTY WATER DISTRICT

Board of Directors

District 1 Scott Ratterman
District 2 Cindy Secada
District 3 Bertha Underhill
District 4 Russ Thomas
District 5 Jeff Davidson

Financial Services

Umpqua Bank
US Bank
Wells Fargo Bank

CCWD Committees

*Engineering Committee
*Finance Committee
*Legal Affairs Committee
Executive Committee (*ad hoc*)

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-Stanislus Integrated Regional Water
Management Joint Powers Authority (T-Stan JPA)
Upper Mokelumne River Watershed Authority (UMRWA)

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-Stanislus Integrated Regional Water
Mgt. JPA Watershed Advisory Committee (WAC)
Eastern San Joaquin Groundwater Authority-Technical
Advisory Committee

Legal Counsel

Matthew Weber, Esq.
Downey Brand, LLP

Auditor

Richardson & Company, LLP

Membership**

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

Ratterman (alt. Michael Minkler)
All Board Members
Ratterman / Underhill (alt. Secada)
Peter Martin (alt. Michael Minkler)
Thomas
Secada (alt. Thomas)
Davidson (alt. Ratterman)

Ratterman / Thomas
Thomas (alt. Ratterman)

Thomas / Underhill
All Board Members

All Board Members
Peter Martin (alt. Metzger)

Peter Martin

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

** The 1st name listed is the committee chairperson.

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Rebecca Hitchcock, Clerk to the Board

SUBJECT: Review Board of Directors Time Sheets for February, 2019

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 February, 2019.

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 2018-19 budget.

Attachments: Board of Directors Time Sheets for February, 2019

COPY

CALAVERAS COUNTY WATER DISTRICT 2019 DIRECTOR REIMBURSEMENT FORM

For Payroll Expense
Admin Use

Month/Yr FEBRUARY 2019

Name BERTHA E. UNDERHILL

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
1/28/19	BOS/CCWD							120		84
1/29/19	WPWA							—		52
1/31/19	WHITE PINES MEETING - COUNTY/ WHITE PINES COMMITTEE/CCWD							120		80
2/13/19	BOARD MEETING							120		84
2/20/19	EPPOC							—		—
2/20/19	CAMRA							120		84
Total										384
		For Totals line, multiply miles by the IRS rate: 1/1/2019 \$0.580								
		Totals (use IRS mileage rate)						480		\$ 222.72

Pursuant to Board Policy 4030, receipts required; report /materials required.
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 that the amount(s) herein are justly true.

Signature of Claimant: Bertha E Underhill

Administrative Review: [Signature] Date: 2/20/19 Orig to Finance Dept.

**Calaveras County Water District
Claim Summary # 564**

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. February 2019 payroll checks issued on 2/15/2019	154,799.83
2. February 2019 payroll checks issued on 2/28/2019	166,293.97
3. February 2019 compensation to Directors	1,309.68
4. Vendor payments for February 1 through 28, 2019	1,763,051.16
5. Other payroll related costs	<u>268,774.77</u>

Claim Summary Total \$2,354,229.41

Calaveras County Water District
AP Disbursement Summary
February 1-28, 2019

CCWD Operating Expenditures		\$ 1,094,369.35
Expenditures to be reimbursed from other agencies	(A)	25,000.00
Expenditures to be reimbursed from grant agreements	(B)	260,363.44
Fiduciary Payments (funds collected prior to expenditure)	(C)	31,252.25
Partial Reimbursement	(D)	173,143.94
Capital R&R Projects	(E)	24,710.13
Capital Outlay	(F)	154,212.05
Total Payments		\$ 1,763,051.16

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount	
131948	3T EQUIPMENT COMPANY INC	High Flow Diverters (2) - Collections Crew	02/28/2019	7,031.20	
131849	A T & T	Internet Service 02/19 - LC	02/14/2019	40.00	
131848	A T & T	Leased Lines 02/19	02/14/2019	66.07	
131950	A T & T	Phone 02/19 - SA Shop	02/28/2019	106.67	
131949	A T & T	Internet Service (U Verse) 02/19 - LC Complex	02/28/2019	57.16	
131790	A T & T CALNET2	District Radio Tower 01/19 - Camp Connell	02/08/2019	375.20	
131895	A T & T CALNET3	Phone 02/19 - OP HQ Back Up	02/21/2019	190.13	
131893	A T & T CALNET3	Phone 02/19 - Dorrington P/S	02/21/2019	20.73	
131894	A T & T CALNET3	Phone 02/19 - District Wide	02/21/2019	1,250.68	
131896	A T & T CALNET3	T Line 02/19	02/21/2019	164.68	
131952	A T & T CALNET3	Phone 02/19 - Long Distance	02/28/2019	430.58	
131955	A T & T CALNET3	Phone 02/19 - CCWHSE	02/28/2019	5.13	
131953	A T & T CALNET3	Phone 02/19 - Hunter's	02/28/2019	20.72	
131951	A T & T CALNET3	Phone 02/19 - JLTC	02/28/2019	127.58	
131954	A T & T CALNET3	Phone 02/19 - Azalea L/S	02/28/2019	19.07	
131850	A TEEM ELECTRICAL ENG INC	Consulting Services - JLWTP Pre-Treatment Facility Project	02/14/2019	2,310.00	(B)
131851	ACWA/JPIA	Dental Insurance, Employees 03/19	02/14/2019	6,317.24	(D)
131851	ACWA/JPIA	Vision Insurance, Employees 03/19	02/14/2019	1,280.64	
131851	ACWA/JPIA	EAP 03/19	02/14/2019	148.05	
131851	ACWA/JPIA	Dental Insurance, Retirees 03/19	02/14/2019	2,744.68	
131851	ACWA/JPIA	Vision Insurance, Retirees 03/19	02/14/2019	779.52	
131897	ACWA/JPIA	Dental Insurance, Employees 02/19	02/21/2019	6,211.12	(D)
131897	ACWA/JPIA	Vision Insurance, Employees 02/19	02/21/2019	1,262.08	
131897	ACWA/JPIA	EAP 02/19	02/21/2019	145.70	
131897	ACWA/JPIA	Dental Insurance, Retirees 02/19	02/21/2019	2,744.68	
131897	ACWA/JPIA	Vision Insurance, Retirees 02/19	02/21/2019	779.52	
131852	ADP INC	Payroll Processing 01/19	02/14/2019	572.51	
131957	ADP INC	Payroll Processing 02/19	02/28/2019	686.54	
131853	AFLAC	Aflac Insurance 01/19	02/14/2019	2,135.48	(C)
131898	ALCAL GLASS AND SUPPLY	Bucket - AWWTP	02/21/2019	8.69	
131898	ALCAL GLASS AND SUPPLY	Keys/Bit/Fasteners/Fittings - EP	02/21/2019	19.02	
131898	ALCAL GLASS AND SUPPLY	Saw Horses/Paint/Tape/Insulation/Fittings/Water Heater Blanket - EP Barn	02/21/2019	304.77	
131959	ALHAMBRA DRINKING WATER	Water Cooler Service 02/19 - JLWTP	02/28/2019	119.92	
131958	ALHAMBRA DRINKING WATER	Water Cooler Service 02/19 - LCWWTP	02/28/2019	86.20	
131854	AMERIPRIDE SERVICES,INC	Uniform Laundry Service 01/19	02/14/2019	2,487.20	
EFT	ANTHEM-BLUE CROSS	Health Insurance, Employees 02/19	02/05/2019	91,930.27	(D)
EFT	ANTHEM-BLUE CROSS	Health Insurance, Retirees 02/19	02/05/2019	45,506.20	
131899	BAVCO	Backflow Device Repair Parts - CCWTP	02/21/2019	1,306.18	
131900	BENNETT, DAVID	Leak Repair Settlement - Copperopolis	02/21/2019	125.00	
131794	BIG VALLEY FORD LINCOLN MERCURY	Harness/Injector - Vehicle #525	02/08/2019	448.39	
131794	BIG VALLEY FORD LINCOLN MERCURY	Brake Rod/Rocker Arm/Hardware - Vehicle #527	02/08/2019	162.05	
131901	BIG VALLEY FORD LINCOLN MERCURY	Repair/Install Backup Lights - Vehicle #713	02/21/2019	1,091.51	
131795	BNN, LLC	Utility Reimbursement 01/19 - SA Shop	02/08/2019	244.56	

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount
131902	BNN, LLC	Rent 03/19 - SA Shop	02/21/2019	3,000.00
131903	CABRAL	Jumper Cables/Harness - Vehicle #723	02/21/2019	65.91
131960	CALAVERAS AUTO SUPPLY	Radiator Hoses - Vehicle #123	02/28/2019	119.62
131960	CALAVERAS AUTO SUPPLY	Front Brakes/Rotor - Vehicle #522	02/28/2019	113.59
131960	CALAVERAS AUTO SUPPLY	Relays/Epoxy - Vehicle #723	02/28/2019	60.08
131960	CALAVERAS AUTO SUPPLY	Pry Bars/Socket Set/Brake Bleeder/Gasket Paper/Bit Wrench - SA Shop	02/28/2019	654.46
131960	CALAVERAS AUTO SUPPLY	Air Hoses/Couplers/Adapters/Brake Line - SA Shop Air System	02/28/2019	468.55
131960	CALAVERAS AUTO SUPPLY	Battery/Battery Charger - CC L/S #1	02/28/2019	157.81
131960	CALAVERAS AUTO SUPPLY	Solar Battery Charger - CC L/S #2	02/28/2019	170.85
131947	CALAVERAS COUNTY	Encroachment Permit - EP Techite Pipeline Replacement Project	02/25/2019	500.00 (E)
131797	CALAVERAS LUMBER CO INC	A/C Filters - JLTC	02/08/2019	67.52
131797	CALAVERAS LUMBER CO INC	Files/Grommets/Fittings/Brackets/Rain Gauge - CalFire	02/08/2019	603.49
131797	CALAVERAS LUMBER CO INC	Wattles/Jute Netting/Silt Fence/Stakes/Staples - CC Snowbird SWPPP	02/08/2019	463.84
131797	CALAVERAS LUMBER CO INC	Extension Arbor/Hole Saw - CCWHSE	02/08/2019	21.43
131797	CALAVERAS LUMBER CO INC	Batteries/Paper Towels/Rain Gauge/Drill Kit/Broom - FMWWTP	02/08/2019	286.08
131797	CALAVERAS LUMBER CO INC	Pipe Fittings/Couplings - SA Shop	02/08/2019	64.05
131855	CALIFORNIA TEES	T-Shirts/Sweatshirts - District Staff	02/14/2019	226.30
131856	CALIFORNIA WASTE RECOVERY SYSTEMS	Refuse Disposal 02/19 - District Wide	02/14/2019	1,365.79
131798	CALIFORNIA WELDING SUPPLY CO	Power Cord - SA Shop	02/08/2019	44.68
131799	CALTEL	Phone Lines 01/19	02/08/2019	1,432.07
131857	CAMPORA	Propane 01/19 - Wallace	02/14/2019	6.80
131904	CAMPORA	Propane 01/19 - Sandy Gulch	02/21/2019	753.04
131800	CARBON COPY INC	Copies/Copier Maintenance 01/19	02/08/2019	40.51
EFT	CARD SERVICES	AWWA Spring Conference Registration - Wyckoff	02/14/2019	445.00
EFT	CARD SERVICES	GFOA Webinars (3) - Meyer	02/14/2019	255.00
EFT	CARD SERVICES	O&M of Wastewater Collection Systems Course Package - Gravette/Turner	02/14/2019	312.05
EFT	CARD SERVICES	BMP Construction/Handbook Subscription - Palmer	02/14/2019	200.00
EFT	CARD SERVICES	Website Building Word Press License - Metzger	02/14/2019	41.00
EFT	CARD SERVICES	FEMA Training Session Meal - Wyckoff/Hampton	02/14/2019	62.16
EFT	CARD SERVICES	Rackspace Hosted E-Mail Service Jan/Feb	02/14/2019	1,006.86
EFT	CARD SERVICES	Internet E Mail Back-Up 01/19 - OP HQ	02/14/2019	29.90
EFT	CARD SERVICES	Internet Service 01/19 - Hunter's	02/14/2019	76.87
EFT	CARD SERVICES	Office Supplies	02/14/2019	229.77
EFT	CARD SERVICES	VHS to DVD Recorder - Engineering	02/14/2019	465.00
EFT	CARD SERVICES	Meeting Supplies	02/14/2019	9.95
131801	CARSON HILL ROCK PRODUCTS	3/4 Class II AB - CCWWTP Road Repair	02/08/2019	966.05
131801	CARSON HILL ROCK PRODUCTS	3/4 Class II AB - EP Barn Stock	02/08/2019	641.49
131905	CARSON HILL ROCK PRODUCTS	Class II Road Base - LCWHSE	02/21/2019	4,367.21
131961	CCLTOA	Meeting Hall Deposit	02/28/2019	200.00
131906	CENTRAL CALIFORNIA GENERATOR	Controller - WPWTP	02/21/2019	3,154.70
131802	CHASE CHEVROLET CO. INC	Fuel Filter Housing - Vehicle #131	02/08/2019	178.18
131804	CITY OF ANGELS	Sewer Service 01/19 - Six Mile Village	02/08/2019	4,695.23
131805	CLARK PEST CONTROL	Pest Control Dec/Jan - Wallace WWTP	02/08/2019	244.00

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount	
131805	CLARK PEST CONTROL	Pest Control 01/19 - WPWTP	02/08/2019	106.00	
131805	CLARK PEST CONTROL	Pest Control 01/19 - WPWWTP	02/08/2019	130.00	
131858	CLARK PEST CONTROL	Pest Control Dec/Jan - JLWTP	02/14/2019	124.00	
131907	CLARK PEST CONTROL	Pest Control 02/19 - OP HQ	02/21/2019	125.00	
131962	CLARK PEST CONTROL	Pest Control Jan/Feb - LCWWTP	02/28/2019	294.00	
131908	COLEMAN ENGINEERING, INC.	Engineering/Design Services - EP Techite Pipeline Replacement Project	02/21/2019	17,239.00	(E)
131806	COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 02/19	02/08/2019	740.00	
131807	COMCAST	Internet Service 02/19 - DF/VCTO WWTP	02/08/2019	83.08	
131808	COMCAST	Internet Service 02/19 - OP HQ	02/08/2019	88.08	
131909	COMCAST	Internet Service 03/19 - JLTC	02/21/2019	98.08	
131963	COMCAST	Internet Service 03/19 - JLWTP	02/28/2019	178.76	
131809	CONDOR EARTH TECHNOLOGIES INC	Materials Testing/Inspection Services - JLWTP Pre-Treatment Facility Proj	02/08/2019	523.75	(B)
131859	CONDOR EARTH TECHNOLOGIES INC	Sustainable Groundwater Management Act (SGMA) Support 12/18	02/14/2019	1,582.50	
131859	CONDOR EARTH TECHNOLOGIES INC	Consultation Services - WP Dam Project	02/14/2019	1,122.50	
131810	CONETH SOLUTIONS INC	IT Infrastructure Support Services 02/19	02/08/2019	1,325.00	
131911	COPPER AUTO & MARINE	Hose Clamps/Antifreeze/Hose - Vehicle #123	02/21/2019	56.34	
131911	COPPER AUTO & MARINE	Brake Rotors/Wiper Blades/Jumper Cables - Vehicle #709	02/21/2019	247.94	
131911	COPPER AUTO & MARINE	Wiper Blades - Vehicle #710	02/21/2019	23.27	
131911	COPPER AUTO & MARINE	Hydraulic Oil/Hoses/Brake Cleaner - CCWHSE Backhoe	02/21/2019	147.81	
131911	COPPER AUTO & MARINE	Batteries - CC L/S #1/2	02/21/2019	521.94	
131860	CPPA	Power 01/19	02/14/2019	68,685.31	(D)
131811	CPUD	Water Service 01/19	02/08/2019	219.55	
131861	CRUMPACKER, BRIAN	Winter Weather Gear Reimbursement	02/14/2019	199.00	
131812	CWEA	Membership Renewal - Filippini	02/08/2019	188.00	
131812	CWEA	Membership Renewal - Knick	02/08/2019	188.00	
131812	CWEA	Electrical/Instrumentation Certification Application - Kinney	02/08/2019	215.00	
131812	CWEA	Collection System Maintenance, Grade 1 Cert Renewal - Wood	02/08/2019	87.00	
131812	CWEA	Collection System Maintenance, Grade 4 Cert Renewal - Roeder	02/08/2019	102.00	
131862	CWEA	Collection System Maintenance, Grade 1 Cert Renewal - Scheidt	02/14/2019	87.00	
131862	CWEA	Collection System Maintenance, Grade 2 Cert Renewal - Burkhardt	02/14/2019	92.00	
131964	CWEA	Membership Renewal - Zanardi	02/28/2019	188.00	
131813	DATAPROSE	UB Statement Processing 01/19	02/08/2019	4,469.83	
131966	DAVIDSON, JEFF	Travel 02/19	02/28/2019	16.24	
131863	EBBETTS PASS GAS SERVICE	Fuel 01/19	02/14/2019	2,298.49	
131912	ECORP CONSULTING, INC	Mokelumne River Water Supply Study	02/21/2019	1,178.93	
131967	ECORP CONSULTING, INC	Agency Liason & Special Use Permit - EP Reach 1 Pipeline Replacement Proj	02/28/2019	913.13	(E)
131968	FASTENAL	Cable Ties/Tape/Pipe Wrap/Primer/Safety Glasses/Gloves - JL	02/28/2019	407.55	
131969	FERGUSON ENTERPRISES, INC	Couplings/Clamps - LCWHSE	02/28/2019	3,779.43	
131970	FGL ENVIRONMENTAL	Waste Water Testing 02/19	02/28/2019	6,680.22	
131970	FGL ENVIRONMENTAL	Water Testing 02/19	02/28/2019	11,875.28	
131815	FOOTHILL PORTABLE TOILETS	Portable Toilet Rental 01/19 - Sheep Ranch	02/08/2019	93.50	
131815	FOOTHILL PORTABLE TOILETS	Portable Toilet Rental 01/19 - Wallace	02/08/2019	93.50	
131864	FOOTHILL PRINTING & GRAPHICS	Business Cards - Danner	02/14/2019	154.26	

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount	
131915	FROGGY'S AUTO WASH & LUBE	Oil/Lube Service - Vehicle #714	02/21/2019	120.59	
131971	GAMBI DISPOSAL INC.	Bio-Solids Removal - AWWTP	02/28/2019	577.60	
131971	GAMBI DISPOSAL INC.	Bio-Solids Removal - FMWWTP	02/28/2019	593.75	
131816	GATEWAY PRESS, INC	Smoke Testing Signs/Vinyl Number Stickers - Collections Crew	02/08/2019	1,631.49	
131972	GENERAL SUPPLY COMPANY	Connector Sealing Packs/Washers - Electricians Stock	02/28/2019	100.98	
131972	GENERAL SUPPLY COMPANY	Wall Packs LED Lights (8) - CCWTP	02/28/2019	3,367.65	
131866	GEORGE REED INC	Cutback - EP Barn Stock	02/14/2019	1,110.51	
131916	GOVCONNECTION, INC	HP Probook Laptop/Software/Dock Station - Minkler	02/21/2019	1,620.88	
131916	GOVCONNECTION, INC	Surface Pro's (5)/Surface Pro Covers (5) - Utility Staff	02/21/2019	7,044.25	
131916	GOVCONNECTION, INC	Dock Station/Pen - Utility Staff	02/21/2019	529.96	
131916	GOVCONNECTION, INC	Wireless Mobile Mouse (4)/UPS (2) - Replacements	02/21/2019	145.41	
131974	GOVCONNECTION, INC	UPS (10) - Electricians Stock	02/28/2019	3,020.53	
131974	GOVCONNECTION, INC	UPS/Battery - DF/VCTO WWTP	02/28/2019	243.31	
131867	GRAINGER	Condensate Separators - FMWWTP	02/14/2019	1,061.01	
131917	GRAINGER	Tubing - Hunter's WTP	02/21/2019	52.10	
131917	GRAINGER	ARV Replacement - EP Mill Creek Tunnel Tap	02/21/2019	476.30	
131917	GRAINGER	Engineering Tape Measure - Inspectors	02/21/2019	38.63	
131975	GRAINGER	Brass Automotive Coupler Body/Daily Planners (2) - SA Shop	02/28/2019	487.58	
131975	GRAINGER	Wire Rope Clip/Thimble Kit/Cable - LCWWTP	02/28/2019	567.45	
131975	GRAINGER	Solenoid Valves - JLWTP	02/28/2019	147.15	
131918	GRUTZMACHER, SCOTT	Safety Boot Reimbursement	02/21/2019	180.18	
131918	GRUTZMACHER, SCOTT	State Drinking Water Treatment Plant Operator Exam Fee Reimbursement	02/21/2019	65.00	
131918	GRUTZMACHER, SCOTT	Winter Weather Gear Reimbursement	02/21/2019	200.00	
131919	HACH COMPANY	Dispensers (2) - WPWTP	02/21/2019	80.84	
131919	HACH COMPANY	Dispensers (2) - WPWWTP	02/21/2019	80.83	
131976	HACH COMPANY	Turbidity Meter Inspection/Repair - JLWTP	02/28/2019	902.36	
131976	HACH COMPANY	Ice Pic Calibration - CCWTP	02/28/2019	286.28	
131977	HIBBARD, RICHARD	State Drinking Water Treatment Plant Operator Application Fee Reimbursement	02/28/2019	65.00	
131921	HOBGOODS CLEANING	Janitorial Service 02/19	02/21/2019	1,985.00	
131965	HOLCOMB, DAVID	Re-Key EP Sawmill Tank Electrical Building	02/28/2019	294.20	
131869	HOLT OF CALIFORNIA	Mini-Excavator Model 305E2	02/14/2019	67,536.17	(F)
131869	HOLT OF CALIFORNIA	Skid Steer Model 279D	02/14/2019	79,660.09	(F)
131922	HOLT OF CALIFORNIA	Hydraulic Hoses - 450E Backhoe	02/21/2019	230.87	
131817	HUGHESNET	Internet Service 02/19 - FMWWTP	02/08/2019	82.23	
131870	HUGHESNET	Internet Service 02/19 - AWWTP	02/14/2019	80.94	
131871	IRON MOUNTAIN	Document Destruction 01/19	02/14/2019	64.81	
131923	JAMESVILLE OFFICE FURNITURE	Office Furniture - OP HQ	02/21/2019	2,816.67	
131978	JENSEN INSTRUMENT CO, INC	UVT Analyzer - DF/VCTO WWTP	02/28/2019	7,015.79	(F)
131872	KOFF & ASSOCIATES, INC	Comprehensive Salary & Benefit Review & Analysis 01/19	02/14/2019	896.00	
131979	LALLO'S AUTOMOTIVE	Oil/Lube Service - Vehicle #711	02/28/2019	54.99	
131873	LEE & RO, INC	Engineering/Design Services - CC L/S's 8,12,13 & Force Main Bypass	02/14/2019	3,029.00	(E)
131873	LEE & RO, INC	Engineering/Design Services - CC L/S's 15,16 Renovations	02/14/2019	3,029.00	(E)
131925	LOWE'S	Contact Cleaner/Cable Ties/Tape - Vehicle #720	02/21/2019	62.68	

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount
131925	LOWE'S	Water - WPWTP	02/21/2019	39.39
131926	MAIL FINANCE	Maintenance Lease Agreement Jan-Mar	02/21/2019	983.27
131980	MARTIN, PETER	T-Stan WAC Meeting Supplies	02/28/2019	25.39
131980	MARTIN, PETER	Groundwater Authority Advisory Committee Mileage Reimbursement	02/28/2019	145.00
131927	MATHESON TRI-GAS, INC	Liquid Oxygen - JLWTP	02/21/2019	4,260.66
131875	MODESTO AIRCO GAS & GEAR	Cylinder Rental 02/19	02/14/2019	85.80
131819	MOTHER LODGE ANSWERING SERVICE	Answering Service 02/19	02/08/2019	644.56
131820	MOUNTAIN OASIS PURIFIED WATER	Water Cooler/Water Supplies 01/19 - District Wide	02/08/2019	158.00
131821	MUTUAL OF OMAHA	Life/AD&D/LTD Insurance Jan/Feb	02/08/2019	11,916.73
131981	NEOFUNDS BY NEOPOST	Postage 01/19	02/28/2019	1,000.00
131822	NEOPOST USA INC	Maintenance Agreement Folder/Sorter 03/19	02/08/2019	407.61
131876	NEW YORK LIFE	Life Insurance 01/19	02/14/2019	1,149.84 (C)
131877	NOLTE ASSOCIATES INC. DBA NV5	CASGEM Groundwater Monitoring 12/18	02/14/2019	1,051.75
131823	NORTHSTAR CHEMICAL	Sodium Hypochlorite - CCWTP	02/08/2019	1,319.39
131928	NORTHSTAR CHEMICAL	Sodium Hypochlorite - AWWTP	02/21/2019	1,742.60
131928	NORTHSTAR CHEMICAL	Sodium Hypochlorite - CCWTP	02/21/2019	1,531.95
131928	NORTHSTAR CHEMICAL	Sodium Hypochlorite - Hunter's WTP	02/21/2019	3,829.88
131982	NORTHSTAR CHEMICAL	Sodium Hydroxide - LCWWTP	02/28/2019	2,608.32
131824	NTU TECHNOLOGIES INC	CE 919 - LCWWTP	02/08/2019	11,003.85
131929	NTU TECHNOLOGIES INC	Pro-Pac 926 Polymer - JLWTP	02/21/2019	7,647.20
131930	O'CONNELL & DEMPSEY, LLC	Federal Legislative Advocacy Consulting Fees 01/19	02/21/2019	4,000.00
131825	O'REILLY AUTO PARTS	Batteries - FMWWTP Generators	02/08/2019	230.33
131825	O'REILLY AUTO PARTS	Oil/Filters - Vehicle #718/719	02/08/2019	158.73
131825	O'REILLY AUTO PARTS	Diesel Exhaust Fluid/Fuel Hose/Fitting - Vehicle #723	02/08/2019	37.51
131825	O'REILLY AUTO PARTS	Bulb/Fuel Filter - Vehicle #131	02/08/2019	35.21
131829	P G & E	Power 01/19 - OP HQ	02/08/2019	288.88
131826	P G & E	Power 01/19 - JLTC	02/08/2019	154.11
131830	P G & E	Power 01/19 - VS House	02/08/2019	38.27
131827	P G & E	Power 01/19 - Warmwood L/S	02/08/2019	16.99
131828	P G & E	Power 01/19 - Woodgate L/S	02/08/2019	22.56
131878	P G & E	Power 01/19 - CC Water Tank	02/14/2019	40.96
131879	P G & E	Power 01/19 - SA Shop	02/14/2019	1,140.97
131931	P G & E	Power 02/19 - Hwy 26	02/21/2019	10.69
131983	P G & E	Power 02/19 - District Wide	02/28/2019	3,508.63
131984	P G & E	Power 02/19 - Wallace Spray Fields	02/28/2019	22.11
131831	PACE SUPPLY CORP	Stem Seals/Gaskets/Check Valves/Repair Kits - SA Shop Stock	02/08/2019	1,393.18
131932	PACE SUPPLY CORP	3" Cla-Val Kits - JLWTP	02/21/2019	472.97
131880	PAYMENTUS GROUP INC	Payment Processing 01/19	02/14/2019	5,693.00
131933	PETERSON BRUSTAD INC	Engineering/Design Services - JLWTP Pre-Treatment Facility Project	02/21/2019	1,603.35 (B)
131934	POLLARDWATER	Foam Knee Pads - EP Barn	02/21/2019	71.73
131832	POTRERO HILLS LANDFILL	Bio-Solids Disposal - AWWTP	02/08/2019	288.60
131832	POTRERO HILLS LANDFILL	Bio-Solids Disposal - FMWWTP	02/08/2019	210.30
131985	POTRERO HILLS LANDFILL	Bio-Solids Disposal - AWWTP	02/28/2019	527.70

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount	
131985	POTRERO HILLS LANDFILL	Bio-Solids Disposal - DF/VCTO WWTP	02/28/2019	231.30	
131881	R.E. SMITH CONTRACTORS, INC.	Construction Contract - JLWTP Pre-Treatment Facility Project	02/14/2019	255,926.34	(B)
131986	RATTERMAN, SCOTT	Travel 02/19	02/28/2019	10.44	
131882	RICHARDSON & COMPANY	Auditing Services FY 2017-18	02/14/2019	10,524.00	
131935	RYAN HERCO PRODUCTS CORP.	Ball Valves/Bushings - WPWTP	02/21/2019	190.53	
131988	RYAN HERCO PRODUCTS CORP.	Fittings - JLWTP	02/28/2019	118.54	
131884	SAFE T LITE	Traffic Safety Signs/Stands/Cones - EP Barn	02/14/2019	2,722.18	
131885	SEIU LOCAL 1021	Union Dues 01/19	02/14/2019	2,686.30	(C)
131835	SENDERS MARKET INC	Straps/Pipe Cutter/Wheelbarrow/Gloves/Pipe/Fittings/Hose - LCWHSE	02/08/2019	1,111.89	
131835	SENDERS MARKET INC	Pliers/Silicone/Vacuum/Clamps/Fittings/Ball Valve/18 Volt Battery - JLWTP	02/08/2019	412.98	
131835	SENDERS MARKET INC	Couplings/Screws/Lumber/Caps/Fittings/Flashlight - Wallace WWWTP	02/08/2019	179.38	
131835	SENDERS MARKET INC	Pumps/Floats - Septic Tank Maintenance	02/08/2019	1,619.41	
131835	SENDERS MARKET INC	Gas Can/Trash Bags/Couplings/Screws/Lumber - Southworth WWTP	02/08/2019	86.91	
131835	SENDERS MARKET INC	PVC Glue/Fittings - Meter Readers	02/08/2019	40.51	
131835	SENDERS MARKET INC	Hex Key Set/Drill Bit - SA Shop	02/08/2019	72.38	
131835	SENDERS MARKET INC	Filters/Fittings - OP HQ Ice Maker	02/08/2019	167.87	
131835	SENDERS MARKET INC	Fasteners - CCWTP	02/08/2019	3.54	
131835	SENDERS MARKET INC	Chains - JL 602 Tank	02/08/2019	16.16	
131834	S-I INTERMEDIATE HOLDINGS, LLC	Pneumatic Positioner/Coupler/Bracket - JLWTP	02/08/2019	528.68	
131989	SIERRA JANITORIAL SUPPLY	Glass Cleaner/Paper Towels/Tissue Paper/Toilet Paper	02/28/2019	438.16	
131836	SLAKEY BROS - JACKSON	Couplings - EP Barn	02/08/2019	1,682.63	
131990	SLAKEY BROS - JACKSON	24" Culvert - CCWWTP Road Repair	02/28/2019	2,512.35	
131990	SLAKEY BROS - JACKSON	PRV's/Repair Clamps - EP Barn	02/28/2019	3,401.48	
131990	SLAKEY BROS - JACKSON	Clamps/Corp Stops/Curb Stops/Hard Hats/Valves/Fittings - CCWHSE	02/28/2019	4,178.96	
131937	STEPHENS, SIERRA	Board Awarded Scholarship 2018	02/21/2019	500.00	
131888	SWRCB	Water Treatment Plant Operator, Grade 3 Application - DeAmicis	02/14/2019	100.00	
131991	TALLEY	Hole Saw Bits - SA Shop	02/28/2019	104.85	
131938	THATCHER COMPANY, INC	Chlorine - Southworth WWTP	02/21/2019	585.50	
131837	THE CAR DOCTOR	Oil/Lube/Oil Filter/Rotate Tires - Vehicle #712	02/08/2019	96.33	
131987	THE REED LEASING GROUP	Annual Road Maintenance Fee - OP HQ	02/28/2019	800.00	
131992	THOMAS, RUSS	Travel 02/19	02/28/2019	284.20	
131939	TIFCO INDUSTRIES	Drill Bit Set/Fittings/Relays/Angle Drive Adapter/Cutoff Wheels - SA Shop	02/21/2019	754.75	
131940	TIRE RACK	Tires (4) - Vehicle #706	02/21/2019	358.80	
131838	TREATS GENERAL STORE INC	Meeting Supplies	02/08/2019	28.43	
131838	TREATS GENERAL STORE INC	Contractor Bags - Electricians	02/08/2019	27.87	
131993	UMPQUA BANK	Sewer Capital R&R Loan Principal & Interest Payment	02/28/2019	197,394.31	
131993	UMPQUA BANK	Water Capital R&R Loan Principal & Interest Payment	02/28/2019	586,903.31	
131941	UNDERGROUND SERVICE ALERT NORTH 811	Line Location Services FY 2018-19	02/21/2019	1,023.29	
131994	UNDERHILL, BERTHA	Travel 02/19	02/28/2019	222.72	
131889	UNION PUBLIC UTILITY DISTRICT	Water Service 01/19 - DF/VCTO	02/14/2019	165.00	
131890	UNITED PARCEL SERVICE	Shipping 01/19	02/14/2019	273.62	
131995	UNITED PARCEL SERVICE	Shipping 02/19	02/28/2019	54.00	
131840	UNITED RENTALS NORTHWEST, INC	Concrete Saw/Blade Purchase - CCWHSE	02/08/2019	2,520.38	

CCWD
AP DISBURSEMENTS
FEBRUARY 1-28, 2019

Check No.	Vendor/Employee	Transaction Description	Date	Amount	
131942	UNITED RENTALS NORTHWEST, INC	Scissor Lift Rental - SA Shop Electrical Work	02/21/2019	2,571.79	
131841	US BANK CORP TRUST SVCS	Saddle Creek Assessment District Interest Payment	02/08/2019	25,280.63	(C)
131891	US FOREST SERVICE	Wildlife Mitigation FY 2018-19	02/14/2019	25,000.00	(A)
131842	USA BLUE BOOK	Adapters - Collections Crew	02/08/2019	545.68	
131842	USA BLUE BOOK	Valve/Repair Kit - EP Sawmill Tank	02/08/2019	238.17	
131842	USA BLUE BOOK	Feed Pump - Hunter's WTP	02/08/2019	921.96	
131943	USA BLUE BOOK	Chemical Pump Repair Kit - JLWTP	02/21/2019	169.94	
131943	USA BLUE BOOK	Sample Dipper/pH Probe/Caps - FMWWTP	02/21/2019	627.05	
131996	USA BLUE BOOK	Reagent Sets/Sample Cells/Dippers - CCWTP	02/28/2019	1,343.07	
131997	VALLEY SPRINGS FEED INC	Propane - JLWTP Forklift	02/28/2019	27.37	
131843	VERIFIED FIRST, LLC	Pre-Employment Background Investigation - Utility Staff	02/08/2019	36.50	
131944	VERIZON WIRELESS	Cell Phone Service 02/19	02/21/2019	2,610.87	
131844	VOLCANO TELEPHONE COMPANY	Fax/Internet Service 01/19 - WPWWTP	02/08/2019	157.45	
131844	VOLCANO TELEPHONE COMPANY	Phone 01/19 - WPWTP SCADA	02/08/2019	385.69	
131845	WAGeworks	FSA Admin 11/18	02/08/2019	215.00	
131945	WAGeworks	FSA Admin 01/19	02/21/2019	200.00	
131818	WATER FOR PEOPLE INTEGRATED RES MGMNT	Contaminants of Emerging Concern Seminar - Hampton/Wyckoff	02/08/2019	60.00	
131998	WEST POINT LUMBER INC	Jumper Cables/Flares - Vehicle #715	02/28/2019	51.66	
131998	WEST POINT LUMBER INC	Pipe Fittings - Septic Tank Maintenance	02/28/2019	17.51	
131998	WEST POINT LUMBER INC	File/Gloves/Tissue/Water - WP	02/28/2019	22.36	
131998	WEST POINT LUMBER INC	Roof Flashing/Silicone/Fasteners - WPWTP	02/28/2019	30.09	
131998	WEST POINT LUMBER INC	Poly Film/Trash Bags - WP Erosion Control	02/28/2019	246.63	
EFT	WEX BANK	Fuel 01/19	02/11/2019	12,723.74	
131999	WILLE ELECTRIC SUPPLY CO INC	UPS's - Voice Radio Repeaters	02/28/2019	4,297.78	
131847	WYCKOFF, DAMON	Safety Boot Reimbursement	02/08/2019	200.00	
131946	ZOOM SMOG & AUTOMOTIVE	Tires (4) Mounted/Balanced - Vehicle #706	02/21/2019	110.73	
132000	ZOOM SMOG & AUTOMOTIVE	Oil/Lube/Fuel/Oil Filters - Vehicle #132	02/28/2019	483.24	
	Employee Medical Reimbursements (8)			1,723.66	
	Customer Refunds (3)			1,439.80	
Total February 2019 AP Disbursements				<u>1,763,051.16</u>	

RESOLUTION NO. 2019- __

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

RATIFYING CLAIM SUMMARY NO. 564

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT has reviewed and considered Claim Summary Number 564 at the Regular Meeting held on March 13, 2019 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 564 in the amount of \$2,354,229.41 for the month of February, 2019.

PASSED AND ADOPTED this 13th day of March, 2019 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas
President, Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: March 13, 2019
TO: Michael Minkler, General Manager
FROM: Jeffrey Meyer, Director of Administrative Services
SUBJECT: Authorized Signers on Banking and Investment Accounts

RECOMMENDED ACTION:

Motion _____ / _____ adopting the following resolutions for Authorizing Signers on Banking and Investment Accounts:

- Umpqua Bank Resolution No. 2019-_____
- Local Agency Investment Fund Resolution No. 2019-_____

SUMMARY:

With the recent hiring of Michael Minkler as General Manager, it is necessary for the District to update its authorized signers list for Umpqua Bank and the Local Agency Investment Fund (LAIF) transactions. Prudent District practice requires two (2) signatures on banking/investment transactions. It is proposed that two signatures from the four employees listed below shall have the authority to process District transactions. All financial transactions will be handled per Board policy.

Umpqua Bank	
Executive Group	Finance
Michael Minkler	Jeffrey L. Meyer
Stacey Lollar	Patricia Christensen

Local Agency Investment Fund (LAIF)	
Executive Group	Finance
Michael Minkler General Manager	Jeffrey Meyer Director of Administrative Services
Stacey Lollar Director of Human Resources and Customer Service	Patricia Christensen Accountant III

FINANCIAL CONSIDERATIONS:

None.

Attachment: Resolution 2019 - Authorizing Signatures for Umpqua Bank Checking, Money Market and CD Accounts
Resolution 2019 - Authorizing Signatures in the Local Agency Investment Fund

RESOLUTION 2019 -

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

**AUTHORIZING SIGNATURES
FOR UMPQUA BANK CHECKING, MONEY MARKET AND
CERTIFICATE OF DEPOSIT ACCOUNTS**

WHEREAS, the Board of Directors of CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2015-39 on July 22, 2015 authorizing the signatories for investment and check signing; and

WHEREAS, the District needs to update the authorization list to include the new General Manager.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby rescind in its entirety Resolution 2015-39, and any and all prior signature authorizations for investment and check signing thereto.

BE IT FURTHER RESOLVED, that two of the following District employees or their successors shall be authorized to sign checks and other instruments:

Executive Group	Finance
Michael Minkler	Jeffrey L. Meyer
Stacey Lollar	Patricia Christensen

BE IT FURTHER RESOLVED, that this District authorizes and directs you, Umpqua Bank, and your correspondent banks, to honor and pay all checks and other instruments, including those payable to persons whose names appear on them as signers, which are drawn on its Checking Account number 60203627, described as Calaveras County Water District Secretarial Fund, when it bears or purports to bear the facsimile signatures of two (2) of the employees listed above. One signature must be from the Executive Group.

BE IT FURTHER RESOLVED, that you and your correspondent banks may honor and charge this District for all checks and other instruments for the payment of money as long as the facsimile signatures resemble the specimens which an officer of the District files with you now or in the future. This applies regardless of whom the checks or other instruments are payable to or of the manner in which the actual or purported facsimile signatures were made on the documents.

BE IT FURTHER RESOLVED, that this District authorizes and directs you, Umpqua Bank, and your correspondent banks, to honor all funds transfers between the Calaveras County Water District Secretarial Fund account (account number 60203627);

the Calaveras County Water District Business Money Market savings account (account number 990755837); Calaveras County Water District Public Funds Certificates of Deposit (account number 991110149). Funds transfers and transactions require two parties; one to initiate the transfer and another to verify it.

PASSED AND ADOPTED this 13th day of March, 2019 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas
President, Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

RESOLUTION 2019 -

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

**AUTHORIZING SIGNATURES
IN THE LOCAL AGENCY INVESTMENT FUND**

WHEREAS, Pursuant to Chapter 730 of the Statutes of 1976, Section 16429.1 was added to the California Government Code to create a Local Agency Investment Fund in the State Treasury for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

WHEREAS, the Board of Directors of the Calaveras County Water District adopted Financial Management Policy 5.01 authorizing the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein is in the best interests of the Calaveras County Water District,.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of CALAVERAS COUNTY WATER DISTRICT does hereby rescind in its entirety Resolution 2015-41, and any and all prior signature authorizations for investment of monies in the Local Agency Investment Fund thereto.

BE IT FURTHER RESOLVED, that the following Calaveras County Water District Officers or their successors in office shall be authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund:

Executive Group	Finance
Michael Minkler General Manager	Jeffrey Meyer Director of Administrative Services
Stacey Lollar Director of Human Resources and Customer Service	Patricia Christensen Accountant III

PASSED AND ADOPTED this 13th day of March, 2019 by the following vote:

/

/

/

AYES:
NOES:
ABSENT:
ABSTAIN:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas
President, Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: March 13, 2019
TO: Michael Minkler, General Manager
FROM: Peter Martin, Manager of Water Resources
SUBJECT: GreenGen Storage Presentation: Mokelumne Water Battery Project

RECOMMENDED ACTION:

Informational update only. No action requested at this time.

SUMMARY:

Staff from GreenGen Storage will provide a presentation on the proposed Mokelumne Water Battery Project, a conceptual pumped-storage project with potential to generate 400 to 1200 megawatts of electricity. The proposed project will connect the Salt Springs Reservoir and Lower Bear River or Upper Bear River Reservoirs located in the high elevations of Amador County. GreenGen is in the introductory stages of developing the proposed project, and has been issued a preliminary permit by the Federal Energy Regulatory Commission to study the feasibility of developing the project.

GreenGen project staff are completing initial outreach efforts and have requested the opportunity to provide a presentation to our Board, and are doing the same for other local agencies including the surrounding counties. No action by the District's Board of Directors will be taken as part of this informational presentation.

FINANCIAL CONSIDERATIONS:

None.

Attachments: *GreenGen Application for FERC Preliminary Permit*
FERC issued Preliminary Permit to GreenGen



1050 Thomas Jefferson Street, NW
Seventh Floor
Washington, DC 20007
(202) 298-1800 Phone
(202) 338-2416 Fax

July 19, 2016

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: GreenGenStorage's Application for Preliminary Permit for Mokelumne
Pumped Storage Project, FERC Project No. _____

Dear Secretary Bose:

Pursuant to 18 C.F.R. §§ 4.32 and 4.81 (2016) of the Federal Energy Regulatory Commission's ("Commission") regulations, enclosed for filing is GreenGenStorage LLC's ("GreenGenStorage") Application for Preliminary Permit for the Mokelumne Pumped Storage Project ("Application"). As explained in the Application, GreenGenStorage proposes to evaluate the potential development of a pumped storage generating facility at Pacific Gas and Electric Company's existing Mokelumne River Project No. 137. GreenGenStorage is dedicated to expanding California usage of clean, renewable energy and is submitting this Application in order to secure and maintain priority in the licensing process, while undertaking activities to determine the feasibility of the proposed project and support an application.

GreenGenStorage looks forward to working with the Commission while developing this important new source of clean and sustainable energy storage. If you have any questions regarding this submittal, please contact the undersigned, or Edward Cooper at 805-450-2867 or email him at edward@greengenstorage.com.

Sincerely,

A handwritten signature in black ink that reads "Michael A. Swiger".

Michael A. Swiger
Counsel to GreenGenStorage LLC

Enclosures

cc: Mr. Frank Blackett, Regional Engineer, San Francisco Regional Office

**BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

**APPLICATION FOR PRELIMINARY PERMIT
FOR THE
MOKELUMNE PUMPED STORAGE PROJECT**

FERC Project No. _____

Prepared by

GreenGenStorage, LLC

July 19, 2016

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INITIAL STATEMENT

**BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

**Application for Preliminary Permit
for the Mokelumne Pumped Storage Project**

1. GreenGenStorage, LLC (“GreenGenStorage” or “Applicant”) a California based limited liability corporation, applies to the Federal Energy Regulatory Commission (“FERC” or “the Commission”) for a preliminary permit for the Mokelumne Pumped Storage Project (“Project”), as described in the attached exhibits. This Application is made in order that the Applicant may secure and maintain priority of application for a license for the Project under Part I of the Federal Power Act while obtaining the data and performing the acts required to determine the feasibility of the project and to support an application for a license.

2. The location of the proposed project is:

State or territory: California
Counties: Amador County and Calaveras County
Township or nearby town: Jackson
Streams: North Fork Mokelumne River, Bear River,
Cole Creek

3. The exact name, business address, and telephone number of the applicant are:

GreenGenStorage LLC
PO Box 537
Summerland, CA 93067
Telephone: (805) 450-2867

The name, business address, and telephone number of the persons authorized to act as agent for the applicant and this application are:

Mr. Edward Cooper
Managing Director and Project Manager
GreenGenStorage LLC
PO Box 537
Summerland, CA 93067
Telephone: (805) 450-2867
Email: edward@greengenstorage.com

Michael A. Swiger
Van Ness Feldman, LLP
1050 Thomas Jefferson Street, NW
Washington, DC 20007
Telephone: (202) 298-1891
Email: mas@vnf.com

4. Preference under Section 7(a) of the Federal Power Act

GreenGenStorage is limited liability corporation operating in California and is not claiming municipal preference. GreenGenStorage engages primarily in the businesses of operating and maintaining pumped-storage facilities.

5. Term of Permit: The proposed term of the requested permit is thirty-six (36) months.

6. Existing Dams or Other Project Facilities:

The proposed Project would make use of the waters within the watershed including Pacific Gas and Electric Company's ("PG&E") reservoirs licensed under PG&E's Mokelumne River Project (FERC Project No. 137), including Salt Springs, Lower Bear River, and Upper Bear River Reservoirs owned by PG&E.

ADDITIONAL INFORMATION REQUIRED BY 18 C.F.R. § 4.32(a)

1. Identification of persons, associations, domestic corporations, municipalities, or state that has or intends to obtain and will maintain any proprietary right necessary to construct, operate, or maintain the project:

GreenGenStorage, LLC
PO Box 537
Summerland, CA 93067
Telephone: (805) 450-2867

2. Identify (names and mailing addresses):

- i. Every county in which any part of the project, and any Federal facilities that would be used by the project, would be located.

Amador County, California
Board of Supervisors
810 Court Street
Jackson, CA 95642-2132
Telephone: (209) 223-6490

Calaveras County, California Board of Supervisors
891 Mountain Ranch Road
San Andreas, CA 95249-9713
Telephone: (209) 754-6370

- ii. Every city, town or similar local political subdivision:

- (A) In which any part of the project, and any Federal facilities that would be used by the project, would be located:

None.

- (B) That has a population of 5,000 or more people and is located within 15 miles of the project dam:

None.

iii. Every irrigation district, drainage district, or similar special purpose political subdivision:

(A) In which any part of the project, and any Federal facilities that would be used by the project, would be located.

Upper Mokelumne River Watershed Authority
PO Box 228
Stockton, CA 94201-0228
Telephone: (209) 946-8080

Jackson Valley Irrigation District
6755 Lake Amador Drive
Ione, CA 95640-9435
Telephone: (209) 274-2037

Amador Resource Conservation District
12200-B Airport Road
Jackson, CA 95642
Telephone: (209) 223-6543

Amador Water Agency
12800 Ridge Road
Sutter Creek, CA 95685-9630
Telephone: (209) 223-3018

Calaveras County Water District
120 Toma Court
San Andreas, CA 95249
Telephone: (209) 754-3543

(B) That owns, operates, maintains, or uses any project facilities or any Federal facilities that would be used by the project:

None.

- iv. Every other political subdivision in the general area of the project that there is reason to believe would likely be interested in, or affected by, the application; and interest:

East Bay Municipal Utility District
PO Box 24055 MS 42
Oakland, CA 94623-1055
375 11th Street
Oakland, CA 94607
Telephone: (866) 403-2683

Mokelumne River Water and Power Authority
1810 E. Hazelton Avenue
PO Box 1810
Stockton, CA 95201
Telephone: (209) 468-3089

North San Joaquin Water Conservation District
PO Box E
Victor, CA 95253
Telephone: (209) 368-2101

Woodbridge Irrigation District
PO Box 580
Woodbridge, CA 95258
Telephone: (209) 625-8438

- v. All Indian tribes that may be affected by the project:

Calaveras Band of Miwok Indians
PO Box 1015
West Point, CA 95255-1015
Telephone: (209) 293-4135

Jackson Band of Miwok Indians
PO Box 1090
Jackson, CA 95642-1090
Telephone: (209) 223-8370

Siena Native Americans
9820 Five Mile Drive
Ione, CA 95640-9726
Telephone: (209) 274-2357

Washoe Tribe of Nevada and California
919 Hwy 395 South
Gardnerville, NV 89410
Telephone: (775) 265-4171

Ione Band of Miwok Indians
PO Box 699
Plymouth, CA 95669
Telephone: (209) 245-5800

Buena Vista Rancheria of Me-Wuk Indians
1418 20th Street #200
Sacramento, CA 95811
Telephone: (916) 491-0011

Chicken Ranch Band of Me-Wuk Indians
Chicken Ranch Rancheria
PO Box 1159
Jamestown, CA 95327-1159
Telephone: (209) 984-9066

Sien-a Native American Council
1580 Longgate Road
Plymouth, CA 95669-9725

Central Sien Me-Wuk Cultural &
Historic Preservation Committee
PO Box 389
Tuolumne, CA 95379-1389

Native American Heritage Commission
915 Capitol Mall
Room 364
Sacramento, CA 95814-4801
Telephone: (916) 653-6251

VERIFICATION STATEMENT

This Application for a Preliminary Permit for the Proposed Mokelumne Pumped Storage Project is executed in the State of California, County of Santa Barbara. Edward Cooper, Managing Director, GreenGenStorage, P.O. Box 537, Summerland, CA 93067, being duly sworn, deposes, and says that the contents of this Application for a Preliminary Permit are true to the best of his knowledge or belief.

The undersigned Applicant has signed the Application on this 14th day of July, 2016.



Edward Cooper, Managing Director,
GreenGenStorage LLC

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

Subscribed and sworn before me, a Notary Public of the State of California, County of Santa Barbara, this day of July 14, 2016.



NOTARY PUBLIC

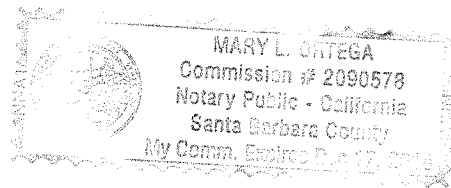


EXHIBIT 1 – DESCRIPTION OF THE PROPOSED PROJECT

1. GENERAL

The proposed Mokelumne Pumped Storage Project would be located approximately 33 miles east of Jackson, California in Amador County and Calaveras County, California (Exhibit 4). The project concept envisions the construction of a pumped storage generating facility using the existing Salt Springs Reservoir as a lower pool. Salt Springs Reservoir is part of PG&E's currently licensed Mokelumne River Project (FERC Project No. 137). The Salt Spring Reservoir has an active capacity of 141,817 acre-feet of water and is currently used for energy production purposes. An upper reservoir using the existing Upper or Lower Bear River Reservoirs, along with a water conveyance tunnel, powerhouse, transmission line, and other appurtenant facilities would complete the Project.

Based on preliminary engineering studies, there are two alternative upper reservoir configurations using Salt Springs Reservoir as the lower reservoir.

- The existing Lower Bear River Reservoir; or
- The existing Upper Bear River Reservoir.

In addition to the reservoir alternatives being evaluated, the project would also consist of:

- An underground powerhouse containing the pump-turbines and motor-generators;
- Underground water way(s) connecting the upper reservoir, pump turbines, and the lower reservoir; and
- An electrical interconnection with the existing high-voltage regional transmission system.

The generating capacity and energy storage, if pursued into the development phase, would need to be optimized to best suit the physical site and electrical system conditions. At the present time, several different options are possible regarding size of generating units ranging from a 1-unit, 380-MW facility to a 3-unit, 1140-MW facility (3 units x 380-MW each unit) with existing reservoirs currently sufficient to provide approximately eight to ten hours of continuous output.

2. RESERVOIRS

The upper reservoir configuration and location is to be the one best suited to maximize available head and minimize tunnel length within the terrain and environmental constraints of the terrain north of the existing Salt Springs Reservoir. The reservoir sites identified within this application are the result of conceptual engineering completed by GreenGenStorage and its consultants. During the term of the preliminary permit, GreenGenStorage will investigate these alternatives further and select the most preferable configuration based on energy, economic, and environmental considerations.

The project concept is based on using the existing Salt Springs Reservoir as the lower reservoir for the pumped storage operation, with the location and configuration of the upper reservoir optimized as part of the studies envisioned during the term of the permit.

A. Upper Reservoir Configurations

The Lower Bear River Reservoir has an area of approximately 746 acres and storage capacity of 49,079 acre-feet. The existing Lower Bear River dam is a concrete faced, rockfill structure about 253 feet high and 979 feet long. The current normal maximum pool elevation is 5,822 feet. At full pool the existing reservoir backs up to the downstream toe of the Upper Bear River Dam. The existing reservoir will be able to accommodate a pumped storage operation as constructed. An approximate 16,000-foot long power tunnel would connect Lower Bear River Reservoir with Salt Springs Reservoir (elevation 3,959 feet). The power tunnel would include an intake structure, penstock, and tailrace features connecting through an underground powerhouse within a mile of Salt Springs Reservoir.

The Upper Bear River Reservoir has a surface area of approximately 320 acres and a useable storage capacity of 6,756 acre-feet. The existing Upper Bear River Dam is also a concrete faced, rockfill structure about 149-feet high and 865-feet long. This dam is located on a bedrock knoll that naturally separates the two Bear River Reservoir areas. The current normal maximum pool elevation is 5,876 feet. The reservoir will be able to accommodate a pumped storage operation. An approximate 20,000-foot long power tunnel would connect Upper Bear River Reservoir with Salt Springs Reservoir (elevation 3,959 feet). The power tunnel would include intake structure, penstock, and tailrace features connecting through an underground powerhouse within a mile of Salt Springs Reservoir.

Both Bear River reservoirs are a water supply source for Amador and Calaveras Counties, Jackson Valley Irrigation District, Amador Water Agency, North San Joaquin Water Conservation District, Woodbridge Irrigation District, and other private appropriators.

The planned studies will include investigation of raising the height of the Lower Bear River Reservoir and a determination of generation potential as presently constructed versus generation potential of a larger reservoir. In addition, subsurface investigations may be required to establish the technical feasibility of the concepts described above.

B. Lower Reservoir

Either of the upper reservoir configurations would make use of the existing Salt Springs Reservoir. Salt Springs Reservoir was originally constructed in 1931 and is a part of the currently licensed Mokelumne River Project (FERC Project No. 137). Salt Springs Dam is a concrete faced and sluiced rockfill dam about 332-feet high and 1,257-feet long. The existing Salt Springs Powerhouse is located about 650 feet downstream of Salt Springs Dam and contains two generating units of 44 MW total generating capacity. Salt Springs

Reservoir has a surface area of approximately 960 acres and a maximum active storage capacity of 141,817 acre-feet. At full pool, the normal maximum water surface elevation is 3,959 feet.

3. TRANSMISSION LINES

The location, number of circuits, voltage, and configuration of the project's interconnection with the regional electric utility network would need to be established as part of the studies to be carried out during the term of the permit. However, it is anticipated that the project would probably interconnect at the existing PG&E's Salt Springs Powerhouse switchyard substation located uphill of the Salt Springs Powerhouse, just below Salt Springs dam. If the Salt Springs Powerhouse switchyard and substation is a feasible interconnection point, the project transmission line length will be less than one mile (approximately 3,000 feet).

The interconnection voltage may be 230 or 500 kV, depending upon the results of studies to be carried out. The project transmission line may be one or two circuits, depending upon the results of studies to be carried out.

4. PROJECT CAPACITY

Existing reservoirs are currently sufficient to provide approximately eight to 10 hours of continuous output.

The project is proposed to store excess renewable energy, helping to integrate renewables onto the grid, and to supply firm peaking capacity with primary load following capability. Based on preliminary analysis, the planned installed capacities could range from 380 to 1140 MW, although this may change as studies proceed. GreenGenStorage also plans to conduct transmission system studies and power market investigations to help further refine the range of suitable generation capabilities.

Assuming a 15% plant factor, typical for pumped storage projects, the average annual electricity production would be between 523 and 742 GWh. Assuming a cycle efficiency of 78%, typical for pumped storage, the pumping energy requirement would be between 670 and 951 GWh.

On a preliminary basis, the maximum gross head may be between 1,850 and 2,700 feet depending on reservoir location. At the present time, the project concept envisions procurement of one to three new pump-turbine generator-motor sets, each with a nominal rating of 380 MW.

5. FEDERAL LANDS

The project study boundary, as shown on Exhibit 4, encompasses both public and private lands. The Federal lands within the project study area are part of the Eldorado National Forest. Each of the study alternatives involves potential use of public lands within the

National Forest System. Adjacent to the Salt Springs Reservoir and just east of the various upper reservoir sites and a potential lower powerhouse location, is the Mokelumne Wilderness Area, a federally designated 105,165-acre area initially established with the passage of the Wilderness Act of 1964 (see Exhibit 4). Additionally, the 17-mile reach of the North Fork Mokelumne River from about one-half mile downstream of Salt Springs Dam to one mile west of Bear River, just east of PG&E's Tiger Creek Powerhouse, has been found by the Eldorado National Forest to be eligible for inclusion in the nation's Wild and Scenic River system.

6. ADDITIONAL INFORMATION

GreenGenStorage is aware that PG&E originally filed an application for a preliminary permit for a Mokelumne pumped-storage project on or around May 7, 2008; it was granted on September 19, 2008. *Pac. Gas & Elec. Co.*, 124 FERC ¶ 62,213 (2008). FERC then granted PG&E a successive permit for the project on December 2, 2011. *Pac. Gas & Elec. Co.*, 137 FERC ¶ 62,204 (2011). On or around October 30, 2014, PG&E then filed for a second successive permit, however, FERC denied this request on December 10, 2014. *Pac. Gas & Elec. Co.*, 149 FERC ¶ 62,184 (2014).

GreenGenStorage acknowledges the comments submitted by intervenors in the prior PG&E docket (P-13221), especially those submitted by East Bay Municipal Utility District ("EBMUD") and the U.S. Fish & Wildlife Service. GreenGenStorage commits to complying with the "Lodi Decree," fisheries management requirements, and energy productions requirements of both EBMUD's and PG&E's operations. To be clear, GreenGenStorage intends to construct, operate, and maintain the project in a manner that conflicts neither with EDMUD's nor PG&E's current operations.

GreenGenStorage's preliminary engineering shows that the Mokelumne pumped-storage project's intake, penstock, underground powerhouse and tailrace can be constructed so as to not interfere with PG&E's Salt Springs hydro facilities. That is, GreenGenStorage will be able to keep enough distance between its facilities and PG&E's so that there will be no interference; and GreenGenStorage will manage its pumped-storage operations in a manner that will not conflict with PG&E's hydro operations.

GreenGenStorage commits to working with all intervenors to address intervenors' issues and concerns.

No further definitive information regarding this project is available at the time of preparing this application.

**LAND DESCRIPTION
 Public Land States
 (Rectangular Survey System Lands)**

1. STATE: *California*

2. FERC PROJECT NO. *Not applicable*

3. TOWNSHIP: *8N*

4. RANGE: *16E*

5. MERIDIAN: *Mount Diablo*

6. Check one:

License
 Preliminary Permit

Check one:

Pending
 Issued

If preliminary permit is issued, give expiration date: *Not applicable*

5. EXHIBIT SHEET NUMBERS OR LETTERS

Section 6	5	4	3	2	1
	4	4	4		
7	8	9	10	11	12
4	4	4	4		
18	17	16	15	14	13
4	4	4	4		
19	20	21	22	23	24
4	4	4	4		
30	29	28	27	26	25
		4	4		
31	32	33	34	35	36
		4			

6. Contact's name: *EDWARD COOPER*
 Telephone No.: *805-450-2867*
 Date submitted: *July 13, 2016*

This information is necessary for the Federal Energy Regulatory Commission to discharge its responsibilities under Section 24 of the Federal Power Act.

EXHIBIT 2 – DESCRIPTION OF THE PROPOSED STUDIES

1. DESCRIPTION OF STUDIES

Applicant proposes to conduct a detailed feasibility study of the technical features of the Project and confirm the Project's economic viability. The feasibility study will be designed to evaluate various project concepts, layouts, and equipment arrangements to optimize the Project configuration. The feasibility study will include:

- Evaluation of alternative configurations
- Formulation of project water supply plan
- Selection of a preferred alternative
- Topographical surveying
- Geological investigations
- Environmental and cultural study scoping and consultation, environmental and cultural surveys, impact identification and assessment, and formulation of mitigation measures
- Engineering studies to optimize the project physical configuration
- Determination of size and specific type of equipment
- Power marketing and establishing preliminary power sales and power supply expectations
- Transmission interconnection planning
- Legal and water rights matters
- Cost estimating, economic feasibility and financial planning investigations

Based on the results and findings of the initial stages of the feasibility study, Applicant will prepare a Notice of Intent and Pre-Application Document as detailed in 18 C.F.R. §§ 5.5 and 5.6.

2. SCHEDULE OF ACTIVITIES

The schedule of activities will be completed by the applicant during the permit period as shown in the table below:

Schedule	Activity
Beginning in Month 1 to the end of Month 2	Engineering, Screening and evaluation of alternative configurations
Beginning in Month 10 to the end of Month 14	Selection of preferred alternative configuration
Beginning in Month 1 to the end of Month 13	Engineering and Economic Studies
Beginning in Month 1 to the end of Month 20	Environmental and Cultural Studies
Beginning in Month 1 to the end of Month 10	Initial Scoping and Consultation

Schedule	Activity
Beginning in Month 1 to the end of Month 20	Surveys and Studies
Beginning in Month 9 to the end of Month 24	Preliminary Licensing Proposal, Consultation, and Documentation
Beginning in Month 10 to the end of Month 20	Engineering Studies to Optimize the Project Physical Configuration
Beginning in Month 1 to the end of Month 14	Transmission Interconnection Planning
Beginning in Month 1 to the end of Month 14	Cost estimating, economic feasibility & financial planning Investigations
Beginning in Month 1 to the end of Month 20	Legal and Water Rights Matters
Beginning in Month 24 to the end of Month 36	Preparation, review and filing of the FERC License Application

The actual work may deviate from this planned schedule, depending upon circumstances which may develop as the work proceeds.

3. NEED FOR NEW ROADS

There are no access roads anticipated for the studies. All areas within the proposed project boundary are accessible over existing U.S. Forest Service roads and terrain using four-wheel drive vehicles.

EXHIBIT 3 – STATEMENT OF COSTS AND FINANCING

The estimated costs of carrying out or preparing studies, investigations, tests surveys maps plans or specifications identified in Exhibit 2:

\$3-5 Million.

The expected sources of financing:

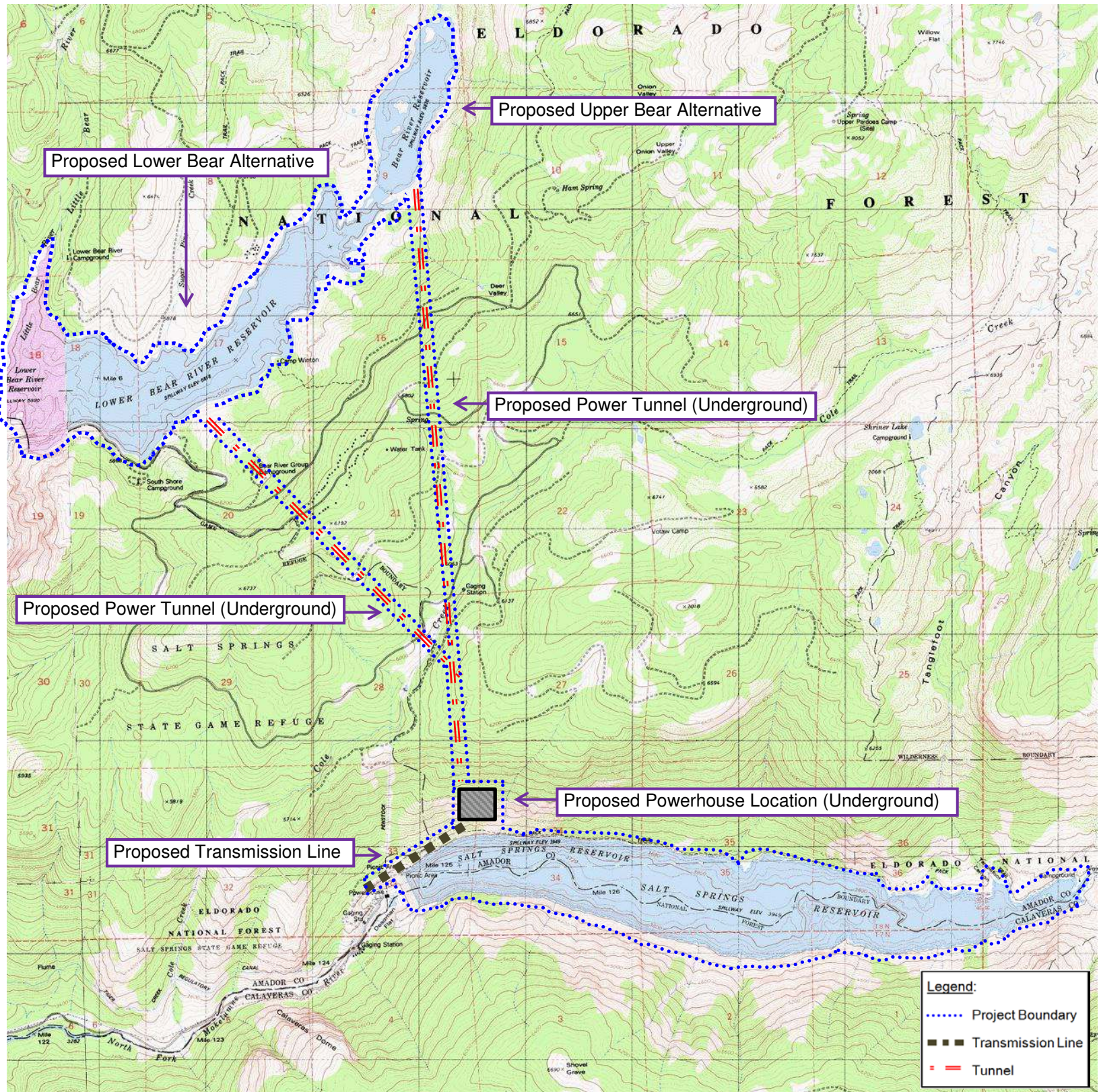
The Applicant has a portion of necessary funds and shall raise the balance through investors.

Proposed market for the energy storage/power:

The proposed market for the energy stored is through electric markets in California. Power purchasing entities and other potential off-takers will be further identified during the term of the preliminary permit.

EXHIBIT 4 – MOKELUMNE PUMPED STORAGE PROJECT MAP

The Mokelumne River Pumped Storage Study Area Project Boundary



UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Kevin J. McIntyre, Chairman;
Cheryl A. LaFleur, Neil Chatterjee,
Robert F. Powelson, and Richard Glick.

GreenGenStorage LLC

Project No. 14796-000

ORDER ISSUING PRELIMINARY PERMIT AND
GRANTING PRIORITY TO FILE LICENSE APPLICATION

(Issued December 21, 2017)

1. On July 19, 2016, GreenGenStorage LLC (GreenGen) filed an application for a preliminary permit, pursuant to section 4(f) of the Federal Power Act (FPA),¹ to study the feasibility of developing the Mokelumne Pumped Storage Project No. 14796 (Mokelumne Pumped Storage Project), to be located in Amador and Calaveras Counties, California. The project would utilize waters within the North Fork Mokelumne River watershed, which includes the Bear River, Cole Creek, and reservoirs within Pacific Gas and Electric Company's (PG&E) existing Mokelumne River Project No. 137 (Mokelumne River Project),² including the Salt Springs, Lower Bear River, and Upper Bear River Reservoirs. The project would be located on private land and on federal land managed by the U.S. Department of Agriculture's United States Forest Service (Forest Service).

I. Background & Proposal

2. The proposed Mokelumne Pumped Storage Project would consist of the following: (1) the existing Salt Springs Reservoir as the lower reservoir; (2) either the existing Upper Bear or Lower Bear River Reservoir as the upper reservoir; (3) a 16,000 to 20,000-foot-long power tunnel connecting the upper reservoir, pump turbines, and the lower reservoir; (4) an underground powerhouse containing a pump turbine and motor generators with a total installed capacity between 380 and 1,140 megawatts (MW); (5) an approximately 3,000-foot-long transmission line and proposed interconnection to an existing transmission line at PG&E's Salt Springs Powerhouse; and (6) appurtenant

¹ 16 U.S.C. § 797(f) (2012).

² *Pacific Gas & Elec. Co.*, 97 FERC ¶ 61,031 (2001).

facilities. The proposed project would have an average annual generation between 523 and 742 gigawatt-hours.

3. The Commission issued public notice of GreenGen's permit application on October 4, 2016.³ PG&E, Amador Water Agency (Amador), and East Bay Municipal Utility District (East Bay MUD) filed timely, unopposed motions to intervene.⁴ In its motion, PG&E protested the permit application. The Foothill Conservancy, California Sportfishing Protection Alliance, Friends of the River, and American Whitewater (together, Mokelumne Stakeholders) filed a joint motion to intervene and protest. The U.S. Department of Interior (Interior), Forest Service, and California Department of Fish and Wildlife filed timely notices of intervention.⁵ On November 30, 2016, GreenGen filed a motion for leave to answer and answer of PG&E's protest, and on December 14, 2016, GreenGen filed an answer to the Mokelumne Stakeholders' protest and the comments filed by Amador and East Bay MUD. The protests and all comments are addressed below.

II. Discussion

4. PG&E and the Mokelumne Stakeholders oppose the issuance of a preliminary permit for the proposed project, arguing that it will interfere with PG&E's existing Mokelumne River Project No. 137. The Forest Service raised concerns about the use of Forest Service lands near the proposed sites for the project's upper reservoir and underground powerhouse. Interior filed separate comments on the application regarding fish and wildlife resource issues, and Amador and East Bay MUD raised concerns regarding project construction and operation.

A. Section 6 of the FPA

5. PG&E and the Mokelumne Stakeholders argue that the Commission cannot accept a preliminary permit application for project works that would interfere with a licensed project in a manner that, absent the licensee's consent, would be precluded by section 6

³ 81 Fed. Reg. 70,105 (October 11, 2016).

⁴ Timely, unopposed motion to intervene are granted by operation of Rule 214 of the Commission's Rules of Practice and Procedure. 18 C.F.R. § 385.214(c) (2017).

⁵ A timely notice of intervention is granted by operation of Rule 214(a)(2). 18 C.F.R. § 385.214(a)(2) (2017).

of the FPA.⁶ PG&E states that the proposed project would inevitably interfere with the Mokelumne River Project, and that it will not consent to physical alterations to the licensed features of its facility's features, including GreenGen's proposal to study raising the Lower Bear River dam and its proposed interconnection with PG&E's transmission line. PG&E also argues that the proposed project could complicate the operation of PG&E's facilities and interfere with PG&E's compliance with the Mokelumne River Project license.⁷

6. Section 6 of the FPA protects licensees by ensuring that licenses "may be altered ... only upon mutual agreement between the licensee and the Commission."⁸ Section 6 bars substantial unilateral alterations of a licensed project, but may allow "such encroachments on a license, comparable in their adverse impact to variations in conditions that investors might expect from other causes such as, for example, annual fluctuations in water supply."⁹ Accordingly, it is Commission policy to deny permit applications only where it is clear that the proposed development would cause impermissible alterations to a licensed project without the licensee's consent.¹⁰ However, where it is not clear that a conflict with a licensee's section 6 protections exists, the Commission will issue a preliminary permit.¹¹

7. As evidenced by the parties' competing protests and answers, there is substantial disagreement about whether GreenGen's proposed project would cause unacceptable operational impacts at PG&E's Mokelumne River Project. Here, GreenGen states that its

⁶ See, e.g., Mokelumne Stakeholders' December 1, 2016 Motion to Intervene and Protest at 5 (citing *JDJ Energy Co.*, 41 FERC ¶ 61,354 (1987)) (Mokelumne Stakeholders Protest).

⁷ PG&E's November 15, 2016 Motion to Intervene and Protest at 6-7 (PG&E Protest).

⁸ 16 U.S.C. § 799 (2012).

⁹ *Pacific Gas and Electric Co. v. FERC*, 720 F.2d 78, 90 (D.C. Cir. 1983).

¹⁰ See *Twin Lakes Canal Co.*, 141 FERC ¶ 62,224, at P 11 (2012) (citing *Pacific Gas and Electric Co. v. FERC*, 720 F.2d 78, 90 (D.C. Cir. 1983))

¹¹ See, e.g., *id.*; *McGinnis, Inc.*, 131 FERC ¶ 62,003 (2009); *City of Oswego, New York*, 61 FERC ¶ 61,056 (1992) (issuing permit over existing licensee's objections that proposed project would cause operational impacts on licensed project, including raised water levels in tailrace, reduced head, and reduced generation, because such impacts were speculative at the preliminary permit stage).

plans are not dependent on the alteration of PG&E's licensed facilities, and one purpose of the preliminary permit is to afford an opportunity to study possible operational impacts and to design the project in such a manner as to avoid or mitigate those impacts. Furthermore, GreenGen's proposal is substantially similar to PG&E's proposal from a prior preliminary permit application.¹² Despite these similarities, PG&E claims that GreenGen's proposal would negatively impact PG&E's operations on the Mokelumne River Project and compliance with its license. Specifically, PG&E points to GreenGen's application, which states that the pumped storage project's reservoirs would have the capacity to release flows for 8-10 hours per day. PG&E claims that 8-10 hours of outflows per day would cause compliance problems with respect to reservoir elevation levels, ramping rates, and dissolved gases.¹³ However, nothing in GreenGen's application states that the proposed project would necessarily run for 8-10 hours a day; instead, the reference is descriptive of the project reservoir's total capacity. Similarly, as noted above, PG&E interprets GreenGen's plan to study raising the dam on the Lower Bear River reservoir to be a certainty and claims that GreenGen's proposal would require substantial modifications to PG&E's facilities. In its answer to PG&E's protest, GreenGen explains that while its plans include studying that possibility, the proposal is not dependent on raising the dam at the Lower Bear River reservoir.¹⁴ Finally, PG&E asserts that GreenGen's proposal to interconnect with PG&E's 16.5-mile-long primary transmission line would require the complete removal of the line.¹⁵ However, at this stage, it is not clear whether interconnection with PG&E's transmission line is even possible, or whether GreenGen would need to construct an additional line to carry its project's power to the grid.

8. As was true with PG&E's first permit application, the operational impacts on the Mokelumne River Project are speculative at this stage in the preliminary permit process, and we decline to find that PG&E's alleged impacts are a certainty. The Mokelumne River Project spans seven storage reservoirs, four powerhouse developments, and numerous diversions and conduits. GreenGen's proposed project would only concern a small portion of PG&E's facilities, and it would be premature to determine whether any

¹² See *Pacific Gas and Electric Co.*, 149 FERC ¶ 62,184 (2014).

¹³ PG&E Protest at 6.

¹⁴ GreenGen's November 30, 2016 Motion for Leave to Answer and Answer at 5-9 (GreenGen Answer). GreenGen asserts that it does not propose modifications to PG&E's Salt Springs reservoir or the associated power generation facilities and states that its initial engineering shows that the pumped storage project could be constructed to avoid conflicts with PG&E's power generation facilities.

¹⁵ PG&E Protest at 5.

potential impacts would be barred by section 6. As noted above, GreenGen proposes to make use of the Salt Springs reservoir, which houses one of the the Mokelumne River Project's four powerhouse developments, and an upstream storage reservoir. Although GreenGen does plan to study the possibility of altering the lower reservoir's impoundment, the application¹⁶ and GreenGen's response to PG&E's protest¹⁷ make clear that the proposed project would not necessarily require physical modifications to PG&E's power generation or storage reservoir facilities. Accordingly, section 6 does not preclude our affording GreenGen the opportunity to determine the feasibility of its pumped storage project through the preliminary permit process. That said, we caution that, while section 6 does not bar GreenGen's proposal at the permit stage, the Commission may reject a proposal at any stage of the licensing process, including when an applicant files a Notice of Intent (NOI) and Preliminary Application Document (PAD), if it becomes clear that the project would unduly interfere with PG&E's licensed facilities in violation of section 6. Accordingly, GreenGen must assume the risk that we might determine that a project it ultimately proposes is barred by section 6.

B. Site Banking

9. Mokelumne Stakeholders' protest also contends that GreenGen lacks the experience to construct and operate the proposed project and expresses concern that, because GreenGen has never managed a project of this size and complexity, GreenGen would ultimately be unable to develop the project and, therefore, must be engaged in site banking.¹⁸ Mokelumne Stakeholders compares GreenGen to PG&E and Sacramento Municipal Utility District, which Mokelumne Stakeholders state have recently withdrawn from pumped storage projects due to market and financial challenges.¹⁹ Mokelumne Stakeholders make this comparison to show that pumped storage projects are risky ventures that even sophisticated energy companies are often unable to complete. Accordingly, GreenGen, an untested limited liability company, must, in Mokelumne Stakeholders' view, be site banking because it does not have the ability to study, construct, or operate the proposed project.

¹⁶ Application at 8-11.

¹⁷ GreenGen Answer at 5-9.

¹⁸ The Commission's policy against site banking is that an entity that is unwilling or unable to develop a site should not be permitted to maintain the exclusive right to develop it. *See, e.g., Sutton Hydroelectric Company, LLC*, 147 FERC ¶ 61,039, at P 20 (2014); *Greybull Valley Irrigation District*, 143 FERC ¶ 61,131, at P 15 (2013).

¹⁹ Mokelumne Stakeholders Protest at 6-7.

10. Contrary to Mokelumne Stakeholders' protest, the Commission does not require proof of an applicant's ability to perform studies or pursue a project to completion at the preliminary permit stage.²⁰ Indeed, we have previously found that "[n]o permit applicant can be expected to certify its intent to ultimately develop the proposed project, since the feasibility of the project is the subject of the permit studies."²¹ Furthermore, the Commission has procedures in place to ensure that permittees are actively pursuing project exploration. For example, the Commission can cancel a permit during its term if the permittee fails to file periodic progress reports or show due diligence in studying the feasibility and potential effects of a proposed project.²² Here, there is no evidence in the record that GreenGen does not intend to study the feasibility of the pumped storage project. Therefore, we conclude that there is no evidence of site banking.

C. Issues Related to Project Construction and Operation

11. Interior expresses concern that fish, wildlife, and aquatic resources could be adversely affected by project construction and operation, which it contends could adversely affect the North Mokelumne River watershed, cause increased streambank erosion, alter the timing and quantity of streamflow releases, and other disruptions that could affect the native fish, aquatic organisms, and riparian communities. The Forest Service notes that the proposed project could impact sensitive, threatened, and endangered species, cultural resources, and nearby streams, tributaries, and the watershed. Similarly, East Bay MUD and Amador raise concerns about the project's impact on their responsibilities to deliver water to their customers.

12. A preliminary permit does not authorize a permittee to undertake any ground disturbance or construction of the proposed project. Nor does the permit authorize access to the property of others.²³ The purpose of a preliminary permit is to study the feasibility

²⁰ See *Lock+Hydro Friends Fund I*, 138 FERC ¶ 61,189, at P 6 (2012).

²¹ *Id.*

²² 16 U.S.C. § 798 (2012).

²³ The Forest Service states that GreenGen will need to acquire a Special Use Authorization if it plans to use Forest Service system roads to complete the studies as described in the application.

of the project, including studying potential impacts.²⁴ During the permit term, the permittee will investigate the technical and economic feasibility of the proposed project. More specific information on project design and a more detailed description of the proposed project, including project economics, possible interconnections, and electric generation will be provided during the preparation of any development application. Therefore, issues regarding the environmental and operational impacts of a proposed project are premature at the preliminary permit stage.²⁵ Should GreenGen file a NOI and PAD, these issues will be addressed in the licensing process.

D. Consultation and Study Requirements under the Permit

13. Interior recommends that GreenGen obtain information and study numerous project effects on endangered and threatened species, aquatic resources, and terrestrial resources.

14. Permit conditions are designed to ensure that the permittee pursues in good faith a study of the project's feasibility. However, the Commission has not sought to place all relevant study requirements in preliminary permits.²⁶ Rather, the studies to be undertaken by a permittee are shaped by the Commission's filing requirements for development applications. The permittee must obtain such information as is necessary to determine the feasibility of the proposed project and to prepare a development application. A potential development applicant is required to consult with appropriate state and federal resource agencies and affected Indian tribes, conduct all reasonable studies requested by the agencies, and solicit comments on an application before it is filed.²⁷ Therefore, should GreenGen file a development proposal, state and federal resources agencies will have the opportunity to request that GreenGen conduct reasonable studies pursuant to the Commission's regulations.

²⁴ Section 4.81 of the Commission's regulations requires that a permit application include a description of the proposed project, the estimated interconnection, the estimated average annual energy production, a statement of the costs and financing, and other information "to the extent possible." 18 C.F.R. § 4.81 (2017).

²⁵ See, e.g., *New Summit Hydro, LLC*, 149 FERC ¶ 61,033, at PP 22-24 (2014).

²⁶ See, e.g., *Continental Lands Inc.*, 90 FERC ¶ 61,355, at 62,177 (2000).

²⁷ See 18 C.F.R. § 4.38 (2017).

III. Permit Information

15. Section 4(f) of the FPA authorizes the Commission to issue preliminary permits for the purpose of enabling prospective applicants for a hydropower license to secure the data and perform the acts required by section 9 of the FPA,²⁸ which in turn sets forth the material that must accompany an application for license. The purpose of a preliminary permit is to preserve the right of the permit holder to have the first priority in applying for a license for the project that is being studied.²⁹ Because a permit is issued only to allow the permit holder to investigate the feasibility of a project while the permittee conducts investigations and secures necessary data to determine the feasibility of the proposed project and to prepare a license application, it grants no land-disturbing or other property rights.³⁰

16. During the course of the permit, the Commission expects that the permittee will carry out pre-filing consultation and study development leading to the possible development of a license application. The pre-filing process begins with preparation of a NOI and PAD pursuant to sections 5.5 and 5.6 of the Commission's regulations.³¹ The permittee must use the Integrated Licensing Process unless the Commission grants a request to use an alternative process (Alternative or Traditional Licensing Process). Such a request must accompany the NOI and PAD and set forth specific information justifying the request.³² Should the permittee file a development application, notice of the application will be published, and interested persons and agencies will have an

²⁸ 16 U.S.C. § 802 (2012).

²⁹ See, e.g., *Mt. Hope Waterpower Project LLP*, 116 FERC ¶ 61,232, at P 4 (2006) (“The purpose of a preliminary permit is to encourage hydroelectric development by affording its holder priority of application (i.e., guaranteed first-to-file status) with respect to the filing of development applications for the affected site.”).

³⁰ Issuance of this preliminary permit is thus not a major federal action significantly affecting the quality of the human environment. A permit holder can only enter lands it does not own with the permission of the landholder, and is required to obtain whatever environmental permits federal, state, and local authorities may require before conducting any studies. See, e.g., *Three Mile Falls Hydro, LLC*, 102 FERC ¶ 61,301, at PP 6–7 (2003); see also *Town of Summersville, W.Va. v. FERC*, 780 F.2d 1034 (D.C. Cir. 1986) (discussing the nature of preliminary permits).

³¹ 18 C.F.R. §§ 5.5 and 5.6 (2017).

³² 18 C.F.R. § 5.3 (2017).

opportunity to intervene and to present their views concerning the project and the effects of its construction and operation.

17. Article 4 of this permit requires the permittee to submit a progress report no later than the last day of each six-month period from the effective date of this permit. A progress report must describe the nature and timing of what the permittee has done under the pre-filing requirements of section 4.38 and Part 5 of the Commission's regulations for the specific reporting period. A permit may be cancelled if a permittee fails to file a timely progress report or if the report does not demonstrate that progress is being made by the permittee. The late filing of a report or the supplementation of an earlier report in response to a notice of probable cancellation will not necessarily excuse the failure to comply with the requirements of this article.

18. A preliminary permit is not transferable. The named permittee is the only party entitled to the priority of the application for license afforded by this preliminary permit. In order to invoke permit-based priority in any subsequent licensing competition, the named permittee must file an application for license as the sole applicant, thereby evidencing its intent to be the sole licensee and to hold all proprietary rights necessary to construct, operate, and maintain the proposed project. Should any other parties intend to hold, during the term of any license issued, any of these proprietary rights necessary for project purposes, they must be included as joint applicants in any application for license filed. In such an instance, where parties other than the permittee are added as joint applicants for license, the joint application will not be eligible for any permit-based priority.³³

The Commission orders:

(A) A preliminary permit is issued for the Mokelumne Pumped Storage Project No. 14796 to GreenGenStorage LLC, for a period effective the first day of the month in which this permit is issued, and ending either 36 months from the effective date or on the date that a development application submitted by the permittee has been accepted for filing, whichever occurs first.

(B) This preliminary permit is subject to the terms and conditions of Part I of the Federal Power Act and related regulations. The permit is also subject to Articles 1 through 4, set forth in the attached standard form P-1.

³³ See *City of Fayetteville Public Works Commission*, 16 FERC ¶ 61,209 (1981).

(C) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days of the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 8251 (2012), and section 385.713 of the Commission's regulations, 18 C.F.R. § 385.713 (2017).

By the Commission.

(S E A L)

Kimberly D. Bose,
Secretary.

Form P-1 (Revised April 2011)**FEDERAL ENERGY REGULATORY COMMISSION****TERMS AND CONDITIONS OF
PRELIMINARY PERMIT**

Article 1. The purpose of the permit is to maintain priority of application for a license during the term of the permit while the permittee conducts investigations and secures data necessary to determine the feasibility of the proposed project and, if the project is found to be feasible, prepares an acceptable application for license. In the course of whatever field studies the permittee undertakes, the permittee shall at all times exercise appropriate measures to prevent irreparable damage to the environment of the proposed project. This permit does not authorize the permittee to conduct any ground-disturbing activities or grant a right of entry onto any lands. The permittee must obtain any necessary authorizations and comply with any applicable laws and regulations to conduct any field studies.

Article 2. The permit is not transferable and may, after notice and opportunity for hearing, be canceled by order of the Commission upon failure of the permittee to prosecute diligently the activities for which a permit is issued, or for any other good cause shown.

Article 3. The priority granted under the permit shall be lost if the permit is canceled pursuant to Article 2 of this permit, or if the permittee fails, on or before the expiration date of the permit, to file with the Commission an application for license for the proposed project in conformity with the Commission's rules and regulations then in effect.

Article 4. No later than the last day of each six-month period from the effective date of this permit, the permittee shall file a progress report. Each progress report must describe, for that reporting period, the nature and timing of what the permittee has done under the pre-filing requirements of 18 C.F.R. sections 4.38 and 5.1-5.31 and other applicable regulations; and, where studies require access to and use of land not owned by the permittee, the status of the permittee's efforts to obtain permission to access and use the land. Progress reports may be filed electronically via the Internet, and the Commission strongly encourages e-filing. Instructions for e-filing are on the Commission's website at <http://www.ferc.gov/docs-filing/efiling.asp>. To paper-file instead, mail four copies of the progress report to the Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426.

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Sam Singh, Engineering Technician

SUBJECT: Presentation / Discussion of District's Geographic Information System (GIS) Implementation

RECOMMENDED ACTION:

None / discussion only

SUMMARY:

There will be a presentation on the Geographic Information System (GIS) based on ESRI ArcMap, its need and benefits to the District over our current system utilizing AutoCAD for our asset mapping and representation of water and wastewater facilities.

What is GIS?

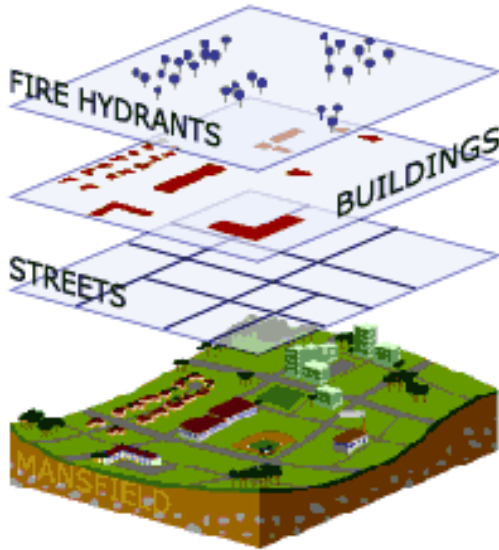
GIS is a system designed to capture, store, manipulate, analyze and manage all types of geospatial data and information data and present it in map format providing patterns, trends that are easier to understand with geographical references.

Why does the District need it?

The District's assets are spread throughout Calaveras County over an area of approx. 1,000 square miles. Having GIS provides the ability to have all our data (geospatial, tabular, as-builts, etc.) in a single software. Once developed this geospatial mapping and information database can be readily distributed among staff, public, and inter agency co-ordination programs tailored to their specific requirements. By keeping our maps and collected data up-to-date, staff can rely on it being the most current and accurate information possible and be more efficient. Having faster access to better information in the field, helps staff to plan and carry out operations and maintenance tasks. Since data is frequently changing and dynamic in nature, GIS can provide a platform for two-way communication and data sharing between field and office staff.

How is information stored in GIS?

As illustrated below, maps are structured using layers which are drawn in systematic order. A layer may represent a wide variety of geographical data; examples include parcels, streets, rivers, fire hydrants, meters, manholes, ortho imagery, voting districts, etc. A layer is usually linked to and references data stored in separate geodatabases, shapefiles, imagery and other data sources. Thus, each layer can be independently edited and updated to provide the most current and accurate information.



How does staff plan to implement GIS?

The District already has an excellent start with GIS, the initial tasks of purchasing software and initial training of staff have been accomplished. Next task is to put the tools to beneficial use of various departments within the District. The District intends to phase the progress of GIS implementation according to the following schedule:

Phase I

- Migrate AutoCAD system maps to GIS
- Quality Assurance/Quality Control (QA/QC)
- Publish and deploy for staff use

Phase II

- Create databases (for assets including pipes, manholes, valves, pumps, etc.)
- Populate database with available records from archives and staff knowledge
- QA/QC
- Publish and deploy maps for staff use

Phase III

- Utilize ESRI applications for data collections & correction to improve data quality
- QA/QC
- Publish and deploy maps for use by staff and other agencies

What are other uses of GIS after initial development?

GIS is not limited to mapping alone, in integration with following software it can yield considerable cost savings.

- Computerized Maintenance Management System (CMMS)
- Public/Customer Information Interface
- Capital Improvement Project (CIP) Planning
- Hydraulic/Hydrologic Modeling of Water and Sewer Systems
- Automatic Meter Reading (AMR)

For example, since the District has been using GIS for the past several months to locate and monitor leaks in Jenny Lind service area, it was able to pinpoint the worst areas and types of breaks that were happening. This has led management to plan for a service lateral replacement project on Kirby St, Gabor St and Garner St. in Jenny Lind.

FINANCIAL CONSIDERATIONS:

At this time, the District has the basic software necessary to do the migration process from AutoCAD to GIS. But as the database grows and we start to implement and deploy these changes into the field more need for hardware (tablets/laptops) and software (apps for tablets) will be necessary. Also, technical staffing needs will have to be fulfilled to keep the system running smoothly and up to date.

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Jeffrey Meyer, Director of Administrative Services

SUBJECT: Discussion/Action regarding Amending the Fiscal Year 2018-19 Personnel Allocation

RECOMMENDED ACTION:

Motion _____ / _____ adopting Resolution No. 2019 - _____ amending the Personnel Allocation for the Fiscal Year 2018-19 Budget.

SUMMARY:

On June 27, 2018 the Board adopted Resolution 2018-28, which authorized the District's FY 2018-19 Personnel Allocation at 65.0 Full Time Equivalent (FTE) positions. This included 7.0 FTE positions for the Engineering department:

- District Engineer 1.0 FTE
- Senior Civil Engineer 1.0 FTE
- Construction Inspector I/II/III/Sr 2.0 FTE
- Engineering Analyst 1.0 FTE
- Engineering Technician I/II/Sr 1.0 FTE
- Administrative Technician I/II/Sr 1.0 FTE

Engineering's personnel allocation includes just two (2.0) Engineer positions - the District Engineer, who is also the department head, and one Senior Civil Engineer. The Senior Civil Engineer works primarily on wastewater projects and assists the Utilities' department with permitting and reporting issues. He has little time to work on water projects.

The \$13.5 million FY 2018-19 Capital Improvement Program (CIP) Budget includes \$9.8 million for seventeen (17) water projects and \$3.7 million for sixteen (16) wastewater projects. In order to manage, design and complete the approved CIP projects the Engineering department needs to add 1.0 FTE Civil Engineer in FY 2018-19.

FINANCIAL CONSIDERATIONS:

It is anticipated that the position will be filled by May 2019 and add \$15,000 in salaries and benefit costs. Funding for this position can be accommodated in the Water Capital Renovation and Replacement Fund (Fund 125) and Operating Fund (Fund 101) budgets.

Calaveras County Water District
PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2016 - 2019

	Adopted 2016-17	Adjustments 2016-17	Final 2016-17	Adopted 2017-18	Adopted 2018-19	Amended 2018-19
Utility Services						
Director of Operations	1.00	-	1.00	1.00	1.00	1.00
Director of Utility Services and Engineering	-	-	-	-	-	-
Regulatory Programs Manager	-	-	-	-	-	-
Plant Operations Manager	1.00	-	1.00	1.00	1.00	1.00
Operations, Senior Supervisor	1.00	-	1.00	1.00	1.00	1.00
Water/Wastewater Plant Operator OIT/I/II/III/Sr	12.00	-	12.00	12.00	12.00	12.00
Construction/Inspection I/II/III/Sr	2.00	(1/2)	2.00	2.00	-	(10)
Construction Worker I/II/III/Sr	3.00	-	3.00	3.00	3.00	3.00
Controls/Communication Senior Supervisor	1.00	-	1.00	1.00	1.00	1.00
Controls/Communication Technician I/Sr	1.00	1.00	(5)	2.00	2.00	2.00
Electrician I/II/Sr	3.00	(1.00)	(5)	2.00	2.00	2.00
Mechanic I/II/Sr	3.00	-	3.00	3.00	3.00	3.00
Collection System Worker I/II/III/IV/Sr	5.00	-	5.00	5.00	5.00	5.00
Distribution Worker I/II/III/Sr	10.00	-	10.00	10.00	10.00	10.00
Meter Reader Trainee/I/II	2.00	(3)	-	2.00	2.00	2.00
Administrative Technician I/II/Senior	1.00	-	1.00	1.00	1.00	1.00
Total - Utility Services	46.00	-	46.00	46.00	44.00	44.00
General Management						
General Manager	1.00	-	1.00	1.00	1.00	1.00
Assistant to the General Manager	-	-	-	-	-	-
Executive Assistant	1.00	-	1.00	1.00	1.00	1.00
Director of Human Resources/Customer Service	-	1.00	(6)	1.00	1.00	1.00
Human Resources Manager	1.00	(1.00)	(6)	-	-	-
Human Resources Technician	1.00	-	1.00	1.00	1.00	1.00
Total - General Management	4.00	-	4.00	4.00	4.00	4.00
Engineering/Technical Services						
District Engineer	1.00	-	1.00	1.00	1.00	1.00
Senior Civil Engineer	1.00	-	1.00	1.00	1.00	1.00
Civil Engineer	-	-	-	-	-	1.00
(11)						
Construction Inspector I/II/III/Sr	-	(1)	-	-	2.00	(10)
Engineering Analyst	1.00	-	1.00	1.00	1.00	1.00
Engineering Technician I/II/Sr	1.00	-	1.00	1.00	1.00	1.00
Administrative Technician I/II/Sr	1.00	-	1.00	1.00	1.00	1.00
Total - Engineering/Technical Services	5.00	-	5.00	5.00	7.00	8.00
Administrative Services						
Director of Administrative Services	1.00	-	1.00	1.00	1.00	1.00
Accountant I/II/III	2.00	-	2.00	2.00	2.00	2.00
Accounting Technician I/II/Sr	0.50	(4)	-	0.50	-	(9)
PIO/Community Relations Manager	1.00	(1.00)	(7)	-	-	-
Customer Service Representative I/II/III/Sr	3.00	-	3.00	3.00	3.00	3.00
Meter Reader Trainee/I/II	-	(3)	-	-	-	-
Facilities Maintenance Worker	1.00	-	1.00	1.00	1.00	1.00
Information System Administrator	1.00	-	1.00	1.00	1.00	1.00
Total - Administrative Services	9.50	(1.00)	8.50	8.00	8.00	8.00

Calaveras County Water District
PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2016 - 2019

	Adopted 2016-17	Adjustments 2016-17	Final 2016-17	Adopted 2017-18	Adopted 2018-19	Amended 2018-19
Water Resources						
Manager of Water Resources	1.00	- (8)	1.00	1.00	1.00	1.00
Manager Ex Affairs, Conservation & Grants I/II	-	1.00 (7)	1.00	1.00	1.00	1.00
Total - Water Resources	1.00	1.00	2.00	2.00	2.00	2.00
Total - Personnel Allocation	65.50	-	65.50	65.00	65.00	66.00

Notes

FY 2016-17

- (1) Moved 1.0 FTE Construction Inspector I/II/III/Sr from Engineering/Technical Services to Utilities
- (2) Added 1.0 FTE Construction Inspector I/II/III/Sr in Utilities
- (3) Moved 2.0 FTE Meter Readers I/II/III from Administrative Services to Utilities
- (4) Added 0.5 FTE Accounting Technician I/II/III in Administrative Services

FY 2016-17 Adjustments

- (5) Reclassification of 1.0 FTE Electrician I/II/Sr to Controls/Communication Technician I/Sr
- (6) Deleted 1.0 FTE Human Resources Manager and added 1.0 FTE Director of Human Resources and Customer Service
- (7) Deleted 1.0 FTE PIO/Community Relations Manager and added 1.0 FTE Manager of External Affairs, Conservation and Grants
- (8) Title of Water Resources Program Manager changed to Manager of Water Resources

FY 2017-18

- (9) Deleted 0.5 FTE Accounting Technician I/II/III in Administrative Services

FY 2018-19

- (10) Moved 2.0 FTE Construction Inspector I/II/III/Sr from Utilities to Engineering/Technical Services
- (11) Added 1.0 FTE Civil Engineer in Engineering/Technical Services

RESOLUTION 2019 -

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

AMEND THE FISCAL YEAR 2018-19 PERSONNEL ALLOCATION

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2018-27 on June 27, 2018 approving the Fiscal Year 2018-19 Operating Budget in the amount of \$19,144,822; and

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2018-28 on June 27, 2018 approving the Fiscal Year 2018-19 Personnel Allocation; and

WHEREAS, the Board of Directors has, as a result of the review, identified those programs and expenditures that will be most beneficial to the needs of the CALAVERAS COUNTY WATER DISTRICT; and

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby find that it is in the best interest of the Calaveras County Water District to amend the adopted FY 2018-19 Personnel Allocation Budget accordingly.

NOW, THEREFORE BE IT RESOLVED, by the Board of Directors of CALAVERAS COUNTY WATER DISTRICT an amendment to the Fiscal Year 2018-19 Personnel Allocation, attached hereto and made a part hereof, is hereby approved and adopted.

PASSED AND ADOPTED this 13th day of March, 2019 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas
President, Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Charles Palmer, District Engineer

SUBJECT: Discussion / Action Regarding Awarding Construction Contract for Ebbetts Pass Reach 1 Water Pipeline Replacement Project, CIP #11085

RECOMMENDED ACTION:

Motion ____/____ adopting Resolution No. 2019-____ Awarding Construction Contract for the Ebbetts Pass Reach 1 Water Pipeline Replacement Project, CCWD CIP #11085.

SUMMARY:

The Ebbetts Pass Reach 1 Water Pipeline Project is part of the adopted FY 2018-19 Capital Improvement Program (CIP) budget. KASL Consulting Engineers completed the design in September 2018, and a notice inviting bids for construction advertised in newspapers at the end of October 2018. A public bid opening for the construction contract was held on February 26, 2019, and the District received six (6) bids as listed below. Staff recommends awarding a construction contract to Mozingo Construction as the lowest responsive and responsible bidder in the amount of \$6,744,390. A detailed bid abstract is attached for the three lowest bidders.

APPARENT LOW BIDDER	BIDDER NAME	TOTAL AMOUNT
1	Mozingo Construction	\$6,744,390
2	Teichart Construction	\$6,986,703
3	Mountain Cascade	\$7,508,810
4	Terracon Constructors	\$7,533,574
5	Sierra Mtn. Construction	\$8,765,050
6	Ford Construction	\$9,780,950

The District would like to start construction in May 2019 and complete the project by summer of 2020. Also, the District will enter into several professional services agreements in order to support construction management and inspection efforts.

FINANCIAL CONSIDERATIONS:

In consideration of the bid amount and necessary professional services for construction management and inspection, staff estimates the total project cost at \$7.5 million. The FY 2018-19 CIP budget includes \$1.5 million which should be sufficient to cover project costs through the end of the fiscal year (June 30, 2019). The remaining balance of the project (\$6.0 million) for the project will need to be included in the FY 2019-20 budget. The project will be funded by the Water Capital R&R Fund (Fund 125), which has sufficient funds available.

*Attachments: Resolution 2019-___ Awarding Construction Contract for Ebbetts Pass Reach 1 Water
Pipeline Replacement Project, CIP #11085
-Bid Abstract*

RESOLUTION NO. 2019-_____

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

**AWARDING CONSTRUCTION CONTRACT FOR
THE EBBETTS PASS REACH 1 PIPELINE REPLACEMENT PROJECT
CCWD CIP #11085**

WHEREAS, upon advertising and conducting a public bid opening on February 26, 2019, the District received six (6) bids for construction of the Ebbetts Pass Reach 1 Water Pipeline Replacement Project with the lowest responsive and responsible bidder being Mozingo Construction of Oakdale, CA in the amount of \$6,744,390; and

WHEREAS, while the FY 2018-19 Capital Improvement Program (CIP) budget includes \$1.5 million for this project, the FY 2019-20 CIP budget will need to provide adequate funding for the total project cost of \$7.5 million, which is available from the Water Capital R&R Fund (Fund 125).

NOW, THEREFORE BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT accepts the bid and awards the contract to Mozingo Construction as the lowest responsive and responsible bidder and authorizes the General Manager to execute said contract in the amount of \$6,744,390 for construction of the Ebbetts Pass Reach 1 Water Pipeline Replacement Project, CIP #11085.

PASSED AND ADOPTED this 13th day of March 2019 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas
President, Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

**CALAVERAS COUNTY WATER DISTRICT
REACH 1 WATER PIPELINE REPLACEMENT PROJECT
BID ABSTRACT (3 lowest)**

ITEM #	WORK / MATERIAL	UNIT	QUNTY	Mozingo Construction		Teichart Construction		Mountain Cascade	
				UNIT PRICE (Figures)	AMOUNT (Figures)	UNIT PRICE (Figures)	AMOUNT (Figures)	UNIT PRICE (Figures)	AMOUNT (Figures)
001	Mobilization/Demobilization	LS	1	\$320,000.00	\$320,000.00	\$353,146.00	\$353,146.00	\$200,000.00	\$200,000.00
002	Encroachments & Traffic Controls	LS	1	\$380,000.00	\$380,000.00	\$275,000.00	\$275,000.00	\$210,000.00	\$210,000.00
003	SWPPP/BMP's	LS	1	\$300,000.00	\$300,000.00	\$475,000.00	\$475,000.00	\$330,000.00	\$330,000.00
004	Sheeting, Shoring & Bracing	LS	1	\$25,000.00	\$25,000.00	\$165,000.00	\$165,000.00	\$30,000.00	\$30,000.00
005	Environmental Mitigation Measures	LS	1	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$500,000.00	\$500,000.00
006	Westland/Streambeds Permit Requ	LS	1	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00
007	Clearing and Grubbing	LS	1	\$441,000.00	\$441,000.00	\$225,000.00	\$225,000.00	\$425,000.00	\$425,000.00
008	Boring & Receiving Pits	Ea(Set)	5	\$5,000.00	\$25,000.00	\$20,000.00	\$100,000.00	\$40,000.00	\$200,000.00
009	Bore & Jack / Casing and Carrier P	LF	295	\$800.00	\$236,000.00	\$460.00	\$135,700.00	\$650.00	\$191,750.00
010	Pressure Regulating Stations (New	EA	10	\$45,000.00	\$450,000.00	\$75,000.00	\$750,000.00	\$55,000.00	\$550,000.00
011	3" Combination Air Valves	EA	19	\$8,500.00	\$161,500.00	\$6,420.00	\$121,980.00	\$11,000.00	\$209,000.00
012	Fire Hydrant (without PRV)	EA	7	\$8,500.00	\$59,500.00	\$7,000.00	\$49,000.00	\$8,000.00	\$56,000.00
013	Fire Hydrant (with PRV)	EA	8	\$22,000.00	\$176,000.00	\$32,000.00	\$256,000.00	\$25,000.00	\$200,000.00
014	Blow Off Valves	EA	16	\$4,500.00	\$72,000.00	\$4,700.00	\$75,200.00	\$8,800.00	\$140,800.00
015	12" Gate Valves	EA	24	\$3,500.00	\$84,000.00	\$3,720.00	\$89,280.00	\$4,780.00	\$114,720.00
016	8" Gate Valves	EA	9	\$2,800.00	\$25,200.00	\$2,350.00	\$21,150.00	\$3,600.00	\$32,400.00
017	6" Gate Valves	EA	16	\$2,500.00	\$40,000.00	\$1,850.00	\$29,600.00	\$3,160.00	\$50,560.00
018	12" Water Main / Open Cut	LF	23,100	\$115.00	\$2,656,500.00	\$129.65	\$2,994,915.00	\$128.00	\$2,956,800.00
019	8" Water Main / Open cut	LF	1,310	\$109.00	\$142,790.00	\$98.70	\$129,297.00	\$108.00	\$141,480.00
020	1" Water Services	EA	15	\$3,400.00	\$51,000.00	\$1,550.00	\$23,250.00	\$3,540.00	\$53,100.00
021	2" Water Service	EA	2	\$5,700.00	\$11,400.00	\$3,450.00	\$6,900.00	\$4,950.00	\$9,900.00
022	2" Water Services Installed by Horizon	EA	3	\$15,000.00	\$45,000.00	\$4,775.00	\$14,325.00	\$11,900.00	\$35,700.00
023	PRV Station Piping (extra bends for ve	EA	20	\$1,600.00	\$32,000.00	\$280.00	\$5,600.00	\$240.00	\$4,800.00
024	Asphaltic Concrete Paving	TONS	500	\$250.00	\$125,000.00	\$185.00	\$92,500.00	\$425.00	\$212,500.00
025	Minor Concrete & Thrust Blocks	CY	50	\$250.00	\$12,500.00	\$620.00	\$31,000.00	\$210.00	\$10,500.00
026	Crushed Rock, Gravel & Unstable Sub	TONS	50	\$40.00	\$2,000.00	\$350.00	\$17,500.00	\$32.00	\$1,600.00
027	Controlled Density Fill / Slurry	CY	100	\$240.00	\$24,000.00	\$170.00	\$17,000.00	\$175.00	\$17,500.00
028A	Temporary Bypass Piping Tie-In End C	LF	6,100	\$90.00	\$549,000.00	\$40.00	\$244,000.00	\$55.00	\$335,500.00
028B	Temporary Bypass Piping	EA	16	\$8,000.00	\$128,000.00	\$6,500.00	\$104,000.00	\$8,025.00	\$128,400.00
029	Miscellaneous Points of Connection to	EA	12	\$5,000.00	\$60,000.00	\$3,780.00	\$45,360.00	\$5,900.00	\$70,800.00
030	Remove Existing 8" Steel Water Main	LF	5000	\$12.00	\$60,000.00	\$15.00	\$75,000.00	\$12.00	\$60,000.00
					\$6,744,390.00		\$6,986,703.00		\$7,508,810.00
	SUBCONTRACTORS				MOZINGO CONSTRUCTION		TEICHART CONSTRUCTION		MOUNTAIN CASCADE
	Clear & Grub/Tree Removal				Tyrell Resources, Redding, CA		Tyrell Resources, Redding, CA		Misita, Weimer, CA
	Traffic Control				Farwest Safety, Lodi, CA				
	Jack & Bore				Ayala Boring, Fontana, CA		Ayala Boring, Fontana, CA		Pacific Boring, Caruthers, CA
	Erosion Control/SWPP						Marina Landscape, Orange, CA		Thunder Mountain, Sacramento

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Report on the February 2019 Operations Department

RECOMMENDED ACTION:

Receive Report on the February 2019 Operations Department Report for Divisions 1 through 5.

SUMMARY:

Attached is the monthly Operations Department Report for February 2019. This report will review the operational status and work completed by departmental administration and each of the five Divisions. The report will cover the following:

- Administration
- Water treatment plants
- Wastewater treatment plants
- Distribution
- Collections
- Construction
- Electrical
- Mechanical

Staff will be present the report to the Board of Directors and will available for questions.

FINANCIAL CONSIDERATIONS:

None.

Attachment: February 2019 Operations Department Report for Divisions 1 through 5

Operations Department Report

February 1, 2019 through February 28, 2019

Director of Operations:

1. Met with the Jenny Lind Water System Distribution Senior Operator and the Jenny Lind Fire Chief to discuss multiple items including fire hydrant operation and training. Provided system maps to the Fire Chief to assist in working to improve the service areas ISO rating
2. Facilitated a meeting with District Staff and Enterprise Fleet Services to contemplate a vehicle lease program for the District
3. Coordinated 2 presentations from Companies that provide Computer Maintenance Management Systems (CMMS) as the District moves toward purchase and implementation of software
4. On-going work associated with developing a Near Term Operations Plan and facilities assessment for the District
5. Coordinated and Attended Leak Detection Training in the Jenny Lind Service area with District Distribution Operations Staff
6. Coordinated a consultant assessment of the West Point Water System Regulator Dam to better understand its current operational integrity
7. Intensive work associated with coordination of work efforts across disciplines and with the County's OEM associated with the impacts from multiple atmospheric river storms

Admin Assistant:

1. January Spray Reporting
2. Maintained Field Calendar
3. Daily Distribution of Line Locates (117 received from 02/01 – 02/28)
4. Collect, Organize, and Enter Department Purchase Orders (152 PO's entered from 02/01-02/28)
5. Operations Work Order Tracking
6. Track Weekly Safety Tailgate Meetings
7. Facilitate with Employee Reimbursements & Certificate Renewals
8. Training – Including Registrations & Travel Arrangements
9. Miscellaneous Ordering for Field Staff
10. Operations Shipping/ Returns
11. Updated Authorized Buyers Lists
12. Attended Monthly Supervisor Meeting
13. Attended NEXGEN CMMS Demo
14. Assisted with Ford Ranger Vehicle Airbag Recalls

Plant Operations Manager:

1. Met with Geotechnical Engineering Consultant NV-5 to discuss regulatory required quarterly reports for our wastewater leachfield systems
 2. Participated in the Operations Supervisor's Meeting
 3. Along with the Director of Operations and the Human Resources / Office Manager, met with Ameripride to discuss our Uniform Rental Agreement
 4. Monthly Regulatory Reporting Review and Submission for the Water and Wastewater Facilities
-

5. Along with the Copper Cove Water Treatment Senior Operator and the District's State Sanitary Engineer, participation in the State inspection of the Copper Cover Water Treatment Plant and Distribution Storage System
6. Onsite with Cla-Val at the Meadowmont Pump Station to review opportunities to reduce pump head pressure between the existing Cla-Val's and pumps
7. Attended 2 presentations from CMMS providers

Water Treatment Plants:

Copper Cove Water Treatment Plant:

1. The water plant created a much higher work load this month from poor water quality.
2. Raw water quality from a very heavy rain event created very difficult treatment needing extra effort to maintain operations. This created quite a bit of overtime and plant operations supervision. The plant maintained excellent water quality effluent during this event. Raw water NTU's and organic demand made treatment very difficult.
3. Power problems caused power outages. Generator operation issues from lightning strike at B Tank Pump Station
4. Annual inspection by The Regional Water Quality Control Board (RWQCB) at the Water Treatment Plant.
5. Began work on Water System Consumer Confidence Reports (CCR's) and Unregulated Contaminant Monitoring Rule (UCMR'4s).

Hunter's (Ebbett's Pass) Water Treatment Plant:

1. Operations as normal.
2. The Backwash Return (BWR) flowmeter stopped working mid-month. The electricians checked it out and have since ordered a replacement meter (Flexum) which should be delivered in a couple of weeks.
3. Random blower breaker trips continue during flush sequences.

Jenny Lind Water Treatment Plant:

1. Operations as usual
2. Battled extreme turbidity due to atmospheric river storms and elevated discharge flows from New Hogan Reservoir

Sheep Ranch Water Treatment Plant:

1. Operations as usual
2. Influent system flushed due to debris clogging and extreme turbidity due to atmospheric river storms

Wallace Lake Estates Well System:

1. Operations as usual

West Point Water Treatment Plant:

1. Operations as usual
2. Battled high influent turbidity (217 NTU) for many days due to storms. Around the clock work effort to ensure compliance.
3. Opened the Bear Creek Diversion in an effort to help flush out the Regulator high turbidity
4. Site visit with Consultant and Distribution Supervisor to ensure the integrity of the Regulator Dam – Dam is fine

Wastewater Treatment Plants:

Arnold Wastewater Treatment Plant:

1. Operations as usual
2. Snow removal
3. Heavy inflow and infiltration during atmospheric river storm. At times influent flow exceeded outflow by 100 gpm. Forced to discharge 200K gallons to sprayfield during rain event. Notified Cal OES and State Sanitary Engineer
4. Around the clock work effort
5. New Oxidation Ditch control valve installed

Copper Cove Wastewater Treatment Plant:

1. Very high I&I occurrence from rain event during the month.
2. Work performed installing spare aerator in Pond 4. Failed motor sent in for repair.
3. Routine operations as required by permit.

Copper Cove Wastewater Reclamation Plant:

1. The plant was offline during the month. Only routine maintenance and required sampling were performed.
2. Saddle Creek Golf Course has sold and we are awaiting new management staff at the golf course to work with toward incorporating them into the existing NPDES permit. No Superintendent currently on staff.

Country House Wastewater Facility:

1. Operations as usual
2. Training of new operator on the facility

Forest Meadows Wastewater Treatment Plant:

1. Operations as usual
2. Worked through atmospheric river storm managing extreme inflow and infiltration (I&I). Had to store some additional volume in overflow pond to avoid overtopping primary wastewater ponds
3. Training of new operator on the facility

Indian Rock Vineyards Wastewater Facility:

1. Operations as Usual - Weekly inspection of facility. Switched leach fields, tested pumps, changed chart, weekly reads for state compliance and insert data.
2. Heavy inflow and infiltration due to atmospheric river storms. Excessive runoff also damaged road to facility
3. Training of new operator on the facility

La Contenta Wastewater Treatment Plant:

1. Operations as usual
2. Heavy influent flow to WWTP due to atmospheric river storms
3. Monitoring level of Upper Pond and working to return the volume to the WWTP

Mountain Retreat / Sequoia Woods Wastewater Facility:

1. Operations as usual
2. Heavy inflow and infiltration due to atmospheric river storms
3. Training of new operator

Six Mile Wastewater Collection System:

1. Monthly reads taken and report submitted to the City of Angels Camp
2. Heavy inflow and infiltration due to atmospheric river storms

Southworth Wastewater Treatment Plant:

1. Operations as usual
2. Heavy inflow and infiltration due to atmospheric river storms
3. Heavy Rainfall and Runoff necessitated pumping of additional rainfall off the sprayfield in order

Vallecito / Douglas Flat Wastewater Treatment Plant:

1. Operations as usual
2. Lowered MBR's for inspection and maintenance
3. Worked with Mechanical to diagnose failing sprayfield pump
4. Maintenance on belt press
5. Removed headworks screenings
6. Plant pushed to the limit due to atmospheric river storms. Worked intensively to ensure compliance
7. Training of new operator on the facility

West Point Wastewater Treatment Plant:

1. Operations as usual
2. Heavy inflow and infiltration due to atmospheric river storm forced Operators to discharge treated wastewater to the sprayfield during the rain event. Notified our State Sanitary Engineer and Cal OES

Wilseyville Wastewater Facility:

1. Operations as usual
2. Heavy inflow and infiltration due to atmospheric river storms

Distribution:

Copperopolis Distribution System:

SERVICE LINE WORK

1. Dollars – 10 gpm
2. Quail Hill – 1 gpm

MAIN LINE WORK

1. Quail Hill and Bow – 30 gpm

Additional Work

1. Removed failed 2" valve on Quail Hill and Bow
2. Located Main not on any map and documented
3. System Flushing
4. Customer Service Work Orders for various items including but not limited to: check meter function, re-read, replace meter, etc.
5. USA line locates
6. Leak Detection Training with testing of equipment on Blake Court in the Rancho Calaveras Service Area

Ebbett's Pass Distribution System:

SERVICE LINE WORK

Nothing to report

MAIN LINE WORK

1. Nothing to report

Additional Work

1. Customer Service Work Orders
2. Intensive snow removal to District Tank Sites including tank sites and pump stations, as well as water and wastewater treatment facilities
3. USA Line Locates
4. Leak Detection Training with testing of equipment on Blake Court in the Rancho Calaveras Service Area

Jenny Lind Distribution System:

SERVICE LINE WORK

1. Baldwin – 3 – ranging from 5 to 10 gpm
2. Garner – 15 gpm
3. Kirby – 2 – 2 gpm, 30 gpm
4. Hautley – 5 gpm
5. Goggin – 3 (weekend Work effort) 20 gpm, 3 gpm, 5 gpm

MAIN LINE WORK

1. Hwy 26 – 2-inch valve replacement – 0.5 gpm
2. Jenny Lind Vista – 2-inch main break – 40 gpm

ADDITIONAL WORK

1. Leak Detection Training with testing of equipment on Blake Court
2. USA line locates
3. Pressure Reducing Valve (PRV) checks
4. Customer Service Work Orders for various items including but not limited to: check meter function, re-read, replace meter, etc.
5. Pothole leak on Blake – continue to search to pinpoint leak
6. Met with the Director of Operations and the Jenny Lind Fire Chief to discuss fire hydrant inspections and hydrant operation training
7. Service Line Replacement on O'Reilly (weekend work effort)

West Point Distribution System:

SERVICE LINE WORK

1. Nothing to Report

MAIN LINE WORK

1. Nothing to Report

ADDITIONAL WORK

1. Began work to remove trees at Bear Creek Diversion (3) and Bummerville Tank Site
2. Weather protected Regulator Dam to prevent erosion and site visit with consultant to ensure integrity of the dam
3. Customer Service / Meter Reader Work Orders – Door Tags / Lock-offs / Restores
4. USA line locates
5. Fueled and checked generators in prep for storm
6. Storm prep / storm cleanup
7. Monitored the Lift Station during storm events
8. Delivered generator to Southworth WW Treatment Facility

Collections:

1. Pumped and cleaned wet wells at lift stations 5,6,7 and 14 in Copperopolis.
2. Hydro flushed the headworks at the Vallecito WWTP
3. Serviced all of the dry pit sewer cans in Copperopolis and Forest Meadows
4. Finished Pumping and maintenance of septic tanks in Vallecito
5. Tested check valves at the Huckleberry Lift Station to evaluate the District's ability to proceed with a project to remove a pipe restriction at the flow meter – tested was positive
6. Continued the work effort associated with lack of access through easements to our infrastructure in the La Contenta Subdivision
7. Hydro flushed problem area sewer main behind Huckleberry Lift Station to ensure proper operations
8. Called out to septic tank problem on Juniper Rd. in 6-Mile Village. Replaced a bad float and pump.
9. Weekly lift station checks
10. USA Line Locates
11. Concerted work efforts associated with storm related issues District wide

Construction:

1. Assisted the Copperopolis Distribution Crew with the removal of 2" valve on Quail Hill and Bow
2. Extensive Snow Removal work in the Ebbett's Pass Service area
3. Drained rainwater off the Sprayfield at the Southworth WWTP in anticipation of heavy rainfall / runoff
4. Hauled solids from the La Contenta WWTP to landfill in Suisun City

Electrical:

1. Lightening Strike at B Tank Pump Station in Copperopolis – Replaced failed Transfer Switch
2. Return Activated Sludge Pump Failure at the Arnold WWTP – Replaced Motor
3. West Point WTP Backwash Water Return level transducer replacement
4. Big Trees Tanks 4&5 Repeater UPS replacement
5. Installed Security Signs on 602 Tank in Rancho Calaveras
6. Avery Tank Transfer switch repair
7. Forest Meadows WWTP SCADA Local Area Network (LAN) Network switch replacement
8. Wallace WWTP flow meter replacement – Indian Rock wastewater facility flow meter replacement
9. Replaced pinch valve actuator at Arnold WWTP
10. Troubleshoot and repaired backwash controls for Arnold WWTP
11. Replaced SCADA antenna at Big Trees Tank 1 after tower fell over.
12. Programmed new sodium hypochlorite dosing system at Hunters WTP
13. Troubleshoot and repaired diffuser valve and diffuser clean sequence at Vallecito WWTP
14. Troubleshoot and diagnosed irrigation pump failures at Vallecito WWTP
15. Troubleshoot and repaired DAF 2 failure at Forest Meadows WWTP. Replace network switch to repair plant communications.
16. Tested internet bridge with John Gomes to provide comcast from A Tank to La Contenta WWTP
17. Replaced hour meter at Jenny Lind WTP for influent pump 1
18. Covered plant shutdown to repair broken conduits on the Pretreatment project at JLWTP. Restored plant functions after repair was complete

Mechanical:

1. Concerted effort associated with the checking, testing, and re-fueling of District Generators as a result of the atmospheric river storms
2. Repaired Backflow device at the Hunters WTP
3. With the Assistance of Water Treatment Plant Operators, purged influent flow system to the Sheep Ranch Water Treatment Plant
4. Cleaned filters on Blowers at the Vallecito WWTP and restored proper function
5. Tested failed permeate pumps at the Vallecito WWTP – ordered replacement pumps
6. Tested and ordered failed pump for Vallecito WWTP Sprayfield
7. Brake job on truck #592. Front end alignment on truck #710. Replaced Faulty wheel speed sensor on Truck #718, Repaired high pressure wash system on truck #722, Troubleshoot water leak on Tuck #126 – replaced manifold.
8. Removed failed (due to lightening) generator control panel at B Tank Pump Station – Had to temporarily bypass electronics to allow generator to operate while PG&E repaired their failed equipment
9. Replaced leaking fuel filter on Generator at Lift Station #1 in Copperopolis
10. Responded to and remediated multiple issues associated with the atmospheric river storms
11. Replaced failed wire in harness on generator at lift station #18 in Copperopolis
12. Installed new electrical receptacle and 2 communication jacks in the administrative building
13. Downloaded and analyzed electrical data on the blowers at the Hunters WTP to determine why blowers continue to trip periodically – found voltage cutout – now working to determine if issue is PG&E

Prepared by: Damon Wyckoff, Director of Operations

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Joel Metzger, Manager of External Affairs, Conservation and Grants

SUBJECT: Discussion / Action Regarding SB 669 - Safe Drinking Water Fund

RECOMMENDED ACTION:

Motion: _____/_____ by Minute Entry to take a "SUPPORT" Position on SB 669 - Safe Drinking Water Fund.

SUMMARY:

Over the past two years, the District has joined a coalition of agencies across the state led by the Association of California Water Agencies (ACWA) to oppose the imposition of a water tax to fund a Safe Drinking Water Fund that was proposed by Senator Bill Monning via SB 623. Making sure all Californians have access to safe drinking water is a very important goal, and the District supported the end result of these efforts. However, the District has consistently stated that taxing drinking water to achieve this goal is a misguided approach and sets a very dangerous precedent.

After much hard work, the ACWA coalition was successful in defeating SB 623 and a series of other proposals with the same intent. While defeating the water tax in 2017 and 2018 was a great achievement, the proponents of a water tax have already reintroduced legislation in 2019 with the same goal and funding mechanism that was defeated in past years. Governor Gavin Newsom has also announced that a water tax is one of his top priorities as governor.

As an alternative ACWA is sponsoring a bill that would create a Safe Drinking Water Trust ("Trust") in the State Treasury without taxing individual water bills. Senator Anna Cabballero has agreed to author SB 669, the Safe Drinking Water Fund (attached). Senator Cabballero represents District 12, which encompasses a large portion of the Central Valley from Modesto to Fresno, and much of the Salinas Valley from King City to near Monterey.

Instead of relying on a proposed statewide water tax, the Trust would be funded with an initial infusion from the General Fund during a state budget surplus year. There is a record budget surplus for the Fiscal Year 2019-20, which makes it the perfect time to create and fund the Trust. The Trust's principal would be invested and the net income

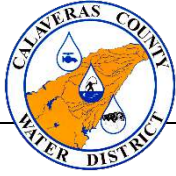
would be transferred to a Safe Drinking Water Trust, which the State Water Resources Control Board would administer. This proposal would create a reliable funding source that will help community water systems in disadvantaged communities provide access to safe drinking water, and funding the Trust via the General Fund serves as a progressive source of revenue, as taxpayers with higher income would contribute more, while lower income taxpayers would contribute less. The Trust would also create a resilient source of funding for costs associated with system operation and maintenance and water system consolidation efforts. Furthermore, it would complement existing federal and state funding sources for capital costs.

Staff believes the formation of a Safe Drinking Water Trust is a much better approach than a tax and recommends the District 's Board take a "SUPPORT" position on SB 669 (Caballero).

FINANCIAL CONSIDERATIONS:

None at this time.

Attachments: *Calaveras County Water District DRAFT Letter of Support*
 - *Bill Text: SB 669 (Caballero): Safe Drinking Water Fund*
 - *ACWA Safe Drinking Water Trust Leave-Behind*



CALAVERAS COUNTY WATER DISTRICT

120 Toma Court • PO Box 608 • San Andreas, CA 95249 • Main line (209) 754-3543

February 28, 2019

Sent via electronic mail

The Honorable Assembly Member Frank Bigelow
State Capitol
Sacramento, CA 95814

RE: SB 669 (Caballero): Safe Drinking Water Trust - SUPPORT

Dear Assemblymember Bigelow,

The Calaveras County Water District supports SB 669 (Caballero), which would create the Safe Drinking Water Trust (Trust) at the state Treasury. The purpose of the Trust would be to provide a sustainable funding source to help water systems in disadvantaged communities provide their customers with access to safe drinking water. We feel, the trust is a much better approach than a statewide water tax.

A funding gap currently exists for operation and maintenance (O&M) costs for the treatment of drinking water by community water systems in disadvantaged communities. O&M costs generally cannot be financed with existing federal and state safe drinking water funding sources that are available for capital costs. In some situations, the consolidation of a failing community water system with one or more systems may be the most effective solution. The Safe Drinking Water Trust proposed in SB 669 would provide a sustainable funding source to provide financial assistance for replacement water as a short-term solution, consolidation and ongoing O&M costs.

The Trust would be funded with an infusion of General Fund dollars during a budget surplus year. With the record budget surplus for FY 2019-'20, this is an ideal year to create and fund the Trust. We believe the state should invest the Trust's principal, and the net income from the Trust would be transferred on an ongoing basis to a Safe Drinking Water Fund that would be administered by the State Water Resources Control Board.

We believe the Trust is a much better approach than a statewide water tax, because it is not sound policy to tax a resource that is essential to life. Unlike a regressive water tax and the associated implementation costs at about 3,000 local water systems, the Trust would not drive up water costs and work against the state's Human Right to Water policy of affordable water.

For the above reasons, Calaveras County Water District respectfully asks you to vote "Aye" for SB 669.

Sincerely,

Michael Minkler
General Manager

cc: The Honorable Anna Caballero

Introduced by Senator CaballeroFebruary 22, 2019

An act to add Chapter 4.6 (commencing with Section 116765) and Chapter 4.7 (commencing with Section 116771) to, Part 12 of Division 104 of the Health and Safety Code, relating to water, and making an appropriation therefor.

LEGISLATIVE COUNSEL'S DIGEST

SB 669, as introduced, Caballero. Water quality: Safe Drinking Water Fund.

(1) Existing law, the California Safe Drinking Water Act, requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Existing law declares it to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.

This bill would establish the Safe Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the state board. The bill would require the state board to administer the fund to assist community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those standards, as specified. The bill would authorize the state board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests, transfers by the Legislature from the General Fund and the Greenhouse Gas Reduction Fund, funding from authorized general obligation bond acts, and net revenue from the Safe Drinking Water Trust that this bill would create.

The bill would require the state board to expend moneys in the fund for grants, loans, contracts, or services to assist eligible applicants. The bill by July 1, 2021, and by July 1 of each year thereafter, would require the state board to adopt, working with a multistakeholder advisory group, after a public workshop and a public hearing, an annual fund implementation plan. The bill would require the state board annually to prepare and make publicly available a report of expenditures of the fund and to adopt annually, after a public hearing, an annual update to a specified needs analysis. By creating a new continuously appropriated fund, this bill would make an appropriation.

(2) Existing law requires a trustee to administer a trust with reasonable care, skill, and caution under the circumstances then prevailing that a prudent person acting in a like capacity would use, as specified. The existing Uniform Prudent Investor Act requires a trustee to invest and manage trust assets as a prudent investor would, by considering the purposes, terms, distribution requirements, and other circumstances of the trust.

This bill would create in the State Treasury the Safe Drinking Water Trust Fund, to hold the trust property of the Safe Drinking Water Trust. The bill would create the Safe Drinking Water Trust Commission, consisting of 3 members, to serve as the trustee of the trust and would require the trustee to abide by the act and have all of the fiduciary duties, responsibilities, and obligations consistent with serving as a trustee of a trust. The bill would require the trustee to transfer the net income from the trust fund to the Safe Drinking Water Fund for expenditure, as prescribed. The bill would authorize funding of the trust principal, subject to transfer by the Legislature. The bill would require the trustee to accept donations that shall be deemed trust property and increase the principal of the trust. The bill would require the trustee to meet, not less than quarterly, to review the investment of the trust principal and administer the trust. The bill would require the trustee to provide the state board annually with an accounting of the investments and a forecast of the projected income to be distributed from the funds in future fiscal years. The bill would require the trust to be deemed a charitable trust subject to the supervision of the Attorney General.

Vote: $\frac{2}{3}$. Appropriation: yes. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Chapter 4.6 (commencing with Section 116765)
2 is added to Part 12 of Division 104 of the Health and Safety Code,
3 to read:

4
5 CHAPTER 4.6. SAFE DRINKING WATER

6
7 Article 1. Legislative Findings and Declarations

8
9 116765. The Legislature finds and declares all of the following:

10 (a) Section 106.3 of the Water Code declares that it is the policy
11 of the state that every human being has the right to safe, clean,
12 affordable, and accessible water adequate for human consumption,
13 cooking, and sanitary purposes.

14 (b) For all community water systems, the operation and
15 maintenance costs to supply, treat, and distribute potable water
16 that complies with federal and state drinking water standards on
17 a routine and consistent basis may be significant.

18 (c) Some community water systems in disadvantaged
19 communities that do not have access to safe drinking water do not
20 have the technical, managerial, or financial capacity that is needed
21 to comply with the federal and state drinking water standards on
22 a routine and consistent basis.

23 (d) Some state or federal drinking water project funding sources
24 prohibit the use of that funding for operation and maintenance
25 costs. If a community water system does not have the financial
26 capacity to fund operations and maintenance costs, the community
27 water system may not be able to access funding for capital costs
28 to comply with the federal and state drinking water standards on
29 a routine and consistent basis.

30 (e) Hundreds of thousands of Californians, particularly those
31 living in small disadvantaged communities, rely on unsafe drinking
32 water from a chronically noncompliant community water system,
33 which impacts human health, household costs, and community
34 economic development.

35 (f) It is important that new permitted public water systems are
36 sustainable.

37 (g) Chapter 843 of the Statutes of 2016 added Section 116527
38 to and amended Section 116540 of the Health and Safety Code

1 and added Section 106.4 to the Water Code to authorize the State
2 Water Resources Control Board to prevent the permitting of new,
3 unsustainable public water systems.

4 (h) It is in the interest of the state to identify, help develop, and
5 help implement solutions for those chronically noncompliant
6 community water systems in disadvantaged communities that do
7 not have the technical, managerial, or financial capacity to comply
8 with the federal and state drinking water standards, and as a result,
9 have ongoing violations.

10 (i) To assist chronically noncompliant community water systems
11 in disadvantaged communities to come into compliance with the
12 federal and state drinking water standards and become
13 self-sufficient, the net revenue from a safe drinking water trust is
14 a reasonable and sustainable way to provide state funding
15 assistance for operation and maintenance costs and consolidation
16 costs where financial assistance is needed.

17 (j) Funding of the trust with General Fund dollars during one
18 or more years of state budget surplus is an appropriate priority for
19 the state because the lack of access to safe drinking water in some
20 disadvantaged communities is a social and public health issue for
21 the state. Once the trust is funded, the revenue from the trust will
22 be a long-term durable solution to assist chronically noncompliant
23 community water systems in disadvantaged communities in
24 becoming self-sufficient relative to safe drinking water.

25
26
27

Article 2. Definitions

28 116766. For the purposes of this chapter:

29 (a) "Administrator" has the same meaning as defined in Section
30 116686.

31 (b) "Board" means the State Water Resources Control Board.

32 (c) "Community water system" has the same meaning as defined
33 in Section 116275.

34 (d) "Disadvantaged community" has the same meaning as
35 defined in Section 116275.

36 (e) "Eligible applicant" means a public agency, a local
37 educational agency, a nonprofit organization, a public utility, a
38 federally recognized Indian tribe, a state Indian tribe listed on the
39 Native American Heritage Commission's California Tribal
40 Consultation List, a mutual water company, and an administrator.

1 (f) “Fund” means the Safe Drinking Water Fund established
2 pursuant to Section 116767.

3 (g) “Public water system” has the same meaning as defined in
4 Section 116275.

5 (h) “Replacement water” means bottled water, vended water,
6 or point-of-use or point-of-entry treatment units.

7
8
9

Article 3. Safe Drinking Water Fund

10 116767. The Safe Drinking Water Fund is hereby established
11 in the State Treasury. Notwithstanding Section 13340 of the
12 Government Code, all moneys in the fund are continuously
13 appropriated to the board, without regard to fiscal years, in
14 accordance with this chapter. Moneys in the fund at the close of
15 the fiscal year shall remain in the fund and shall not revert to the
16 General Fund. Moneys in the fund shall not be available for
17 appropriation or borrowed for use for any purpose not established
18 in this chapter unless that use of the moneys is authorized by statute
19 that receives an affirmative vote of two-thirds of the membership
20 in each house of the Legislature.

21 116768. (a) The board shall administer the fund to assist
22 community water systems in disadvantaged communities that are
23 chronically noncompliant relative to the federal and state drinking
24 water standards and do not have the financial capacity to pay for
25 operation and maintenance costs to comply with those standards
26 by providing assistance for all of the following:

27 (1) Operation and maintenance costs to both help bring the
28 systems into compliance with those standards and help the systems
29 become self-sufficient relative to safe drinking water.

30 (2) Consolidation costs for the community water systems.

31 (3) Replacement water to provide the systems with safe drinking
32 water as a short-term solution.

33 (4) The provision of administrative and managerial services
34 under Section 116686 for purposes of helping the systems become
35 self-sufficient in the long term.

36 (b) Consistent with subdivision (a), the board shall expend
37 moneys in the fund for grants, loans, contracts, or services to assist
38 eligible applicants.

- 1 (c) Consistent with subdivision (a), the goals for implementation
2 of this fund are that community water systems benefitting from
3 the funding both:
- 4 (1) Will become compliant relative to the federal and state
5 drinking water standards.
- 6 (2) Will become self-sufficient and will need assistance for no
7 longer than 10 years.
- 8 (d) The board may undertake any of the following actions to
9 implement the fund:
- 10 (1) Provide for the deposit of all of the following moneys into
11 the fund:
- 12 (A) Federal funding.
- 13 (B) Transfers by the Legislature from the General Fund.
- 14 (C) Net revenue from the Safe Drinking Water Trust.
- 15 (D) Funding from a general obligation bond act that authorizes
16 the deposit of bond moneys into the fund.
- 17 (E) Transfers by the Legislature from the Greenhouse Gas
18 Reduction Fund.
- 19 (F) Voluntary contributions, gifts, grants, or bequests.
- 20 (2) Enter into agreements for contributions to the fund from the
21 federal government, local or state agencies, private corporations,
22 or nonprofit organizations.
- 23 (3) Direct portions of the fund to a subset of eligible applicants
24 as required or appropriate based on funding source and consistent
25 with the annual fund implementation plan.
- 26 (e) The board may expend moneys from the fund for reasonable
27 costs associated with administration of the fund, including outreach
28 regarding the availability of the funding. The board may expend
29 no more than 5 percent of the annual revenue from the fund for
30 reasonable costs associated with the administration of the fund.
- 31 (f) The board shall provide for appropriate audit, accounting,
32 and fiscal management services, plans, and reports relative to the
33 fund.
- 34 (g) At least every five years, the board, in consultation with the
35 Legislative Analyst's Office, shall conduct a public review and
36 assessment of the fund that evaluates and reports on all of the
37 following:
- 38 (1) The effectiveness of expending moneys from the fund in
39 terms of both helping bring chronically noncompliant community
40 water systems in disadvantaged communities into compliance with

1 the federal and state safe drinking water standards and helping
2 chronically noncompliant community water systems in
3 disadvantaged communities become self-sufficient.

4 (2) The sources of funding and the amount of funding from each
5 source that went into the fund during the time period that is being
6 reviewed and assessed.

7 (3) The community water systems for which self-sufficiency
8 has been achieved and for which funding from the fund is no longer
9 necessary.

10 (4) The community water systems that have received funding
11 for 10 years or more and for which self-sufficiency has not been
12 achieved, the actions that have been taken, the reasons why
13 self-sufficiency has not been achieved, and, where appropriate,
14 the reasons why continued funding from the fund is necessary.

15 (h) The board shall make a report of the public review and
16 assessment described in subdivision (g) available on the board's
17 internet website.

18 (i) The board, an employee of the board, or any authorized
19 person shall not be deemed to have incurred or be required to incur
20 any obligation to provide additional funding or undertake additional
21 action solely as a result of having undertaken an action pursuant
22 to this chapter.

23 116769. By July 1, 2021, and by July 1 of each year thereafter,
24 the board shall do all of the following:

25 (a) Prepare and make publicly available a report of expenditures
26 from the fund.

27 (b) Adopt, after a public hearing, an annual update to the needs
28 analysis of drinking water systems first directed by the Legislature
29 in Item 3940-002-0001 of Section 2.00 of the Budget Act of 2018.

30 (c) Work with a multistakeholder advisory group to obtain input
31 regarding priorities for the fund that can reasonably be
32 accomplished in the next year and development of the annual fund
33 implementation plan.

34 (d) Adopt, after a public workshop and a public hearing, an
35 annual fund implementation plan.

36 SEC. 2. Chapter 4.7 (commencing with Section 116771) is
37 added to Part 12 of Division 104 of the Health and Safety Code,
38 to read:

1 CHAPTER 4.7. SAFE DRINKING WATER TRUST ACT OF 2019

2
3 Article 1. Short Title

4
5 116771. This chapter shall be known, and may be cited, as the
6 Safe Drinking Water Trust Act of 2019.

7
8 Article 2. Legislative Findings of Necessity and Cause for
9 Action

10
11 116772. (a) Because Section 106.3 of the Water Code
12 establishes the policy of the state that every human being has the
13 right to safe, clean, affordable, and accessible water adequate for
14 human consumption, cooking, and sanitary purposes, it is in the
15 interest of the people of the state to enact this chapter to establish
16 a trust fund for the governmental purpose of providing a perpetual
17 source of funding to assist community water systems in
18 disadvantaged communities that are chronically noncompliant
19 relative to the federal and state drinking water standards and do
20 not have the financial capability to pay for operation and
21 maintenance costs to comply with those standards by providing
22 funding assistance for all of the following:

- 23 (1) Operation and maintenance costs to both help bring the
- 24 systems into compliance with those standards and help the systems
- 25 to become self-sufficient.
- 26 (2) Consolidation costs for the systems.
- 27 (3) Replacement water to provide the systems with safe drinking
- 28 water as a short-term solution.
- 29 (4) The provision of administrative and managerial services
- 30 pursuant to Section 116686 for purposes of helping the systems
- 31 become self-sufficient in the long term.

32 (b) The primary purpose of the Safe Drinking Water Trust, a
33 charitable trust established pursuant to this chapter, shall be to
34 provide a perpetual source of funding each year to the Safe
35 Drinking Water Fund established pursuant to Section 116767 in
36 furtherance of the trust fund purposes in subdivision (a).

37 (c) It is the intent of the Legislature that the funding for the trust
38 be from General Fund dollars transferred to the trust by the
39 Legislature during one or more years of state budget surplus.

1 Article 3. Safe Drinking Water Trust

2
3 116773. Unless the context otherwise requires, the following
4 definitions govern the construction of this chapter:

5 (a) “Board” means the State Water Resources Control Board.

6 (b) “Beneficiary” means the people of the state, as represented
7 by the board in its implementation of the provisions of Chapter
8 4.6 (commencing with Section 116765) and its administration of
9 the Safe Drinking Water Fund established pursuant to Section
10 116767. The beneficiary’s interest in the trust shall only be to the
11 net income generated from the trust principal.

12 (c) “Income” means the money, enhanced value, or other income
13 the trust receives as current return from the investment of the trust
14 principal.

15 (d) “Net income” means the trust income earned July 1 to June
16 30, inclusive, of the previous year minus all of the necessary and
17 reasonable expenses incident to the administration of the trust
18 during that same period.

19 (e) “Principal” means the trust property, inclusive of any
20 increase designated as part of the trust principal by the trustee as
21 a result of a higher than anticipated return on the investment
22 pursuant to paragraph (2) of subdivision (b) of Section 116773.6
23 that is held in trust for the beneficiary and to accomplish the
24 purposes described in Section 116772.

25 (f) “Trust” means the Safe Drinking Water Trust.

26 (g) “Trust fund” means the account established pursuant to
27 subdivision (a) of Section 116773.2 to hold the trust property.

28 (h) “Trust property” means the money transferred to the trust
29 fund pursuant to subdivision (d) of Section 116773.6 and any
30 donation to the trust fund received and accepted by the trustee after
31 January 1, 2020.

32 (i) “Trustee” means the Safe Drinking Water Trust Commission.

33 116773.2. (a) There is hereby created in the State Treasury
34 the Safe Drinking Water Trust Fund for holding the trust property
35 of the Safe Drinking Water Trust and for the purpose of
36 implementing the public and governmental purposes of this chapter.
37 Net income distributed by the trustee from the trust fund is hereby
38 transferred to the board for deposit in and expenditure from the
39 Safe Drinking Water Fund in accordance with Chapter 4.6
40 (commencing with Section 116765).

1 (b) Moneys in the trust fund, including the trust principal and
2 trust income, shall not be available for appropriation or be
3 borrowed for use for any purpose not established in this chapter.

4 (c) Funding of the trust principal is hereby authorized and is
5 subject to transfer by the Legislature. All transfers to the trust are
6 hereby irrevocably transferred from the General Fund during
7 budget surplus years to the trustee for deposit in the Safe Drinking
8 Water Trust Fund for investment to accomplish the purposes of
9 this chapter and on the conditions prescribed in Section 116773.6.

10 (d) Notwithstanding any other law, moneys deposited into the
11 Safe Drinking Water Trust Fund or to fund the trust shall not be
12 transferred to the General Fund.

13 116773.4. (a) There is hereby created the Safe Drinking Water
14 Trust Commission, consisting of three members, selected as
15 follows:

16 (1) The Treasurer, or the Treasurer's designee.

17 (2) The Lieutenant Governor, or the Lieutenant Governor's
18 designee.

19 (3) The Controller, or the Controller's designee.

20 (b) The Safe Drinking Water Trust Commission shall serve as
21 the trustee of the trust having all of the fiduciary duties,
22 responsibilities, and obligations consistent with serving as a trustee
23 of a trust.

24 (c) The Treasurer shall serve as chairperson of the Safe Drinking
25 Water Trust Commission. The commission shall annually elect
26 from its members a vice chairperson and a secretary who shall
27 hold office until December 31 and shall continue to serve until
28 their respective successors are elected.

29 (d) The trustee shall do all of the following:

30 (1) Meet not less than quarterly to review the investment of the
31 trust principal and administer the trust.

32 (2) Meet on the call of the chairperson, at the request of a
33 majority of the members, or at the request of the Governor.

34 (3) Adopt bylaws or other governing documents it deems
35 necessary for the regulation of its affairs and the conduct of its
36 business.

37 (e) Notwithstanding Section 10231.5 of the Government Code,
38 the Safe Drinking Water Trust Commission annually shall provide
39 the board with an accounting of the investments and a forecast of
40 the projected income to be distributed from the fund in future fiscal

1 years. The board shall include the information in the fund
2 implementation plan prepared by subdivision (c) of Section
3 116769.

4 116773.6. (a) The trustee of the Safe Drinking Water Trust
5 shall hold the trust property for the primary benefit of the trust's
6 beneficiary and shall hold, manage, and invest the trust principal
7 with the obligation of providing a perpetual source of annual
8 funding to the Safe Drinking Water Fund established in Section
9 116767. The trustee shall not invade the trust principal.

10 (b) The trustee shall collect, receive, and monetize, if prudent,
11 the income from the trust, and shall transfer the trust's net income
12 annually as follows:

13 (1) If the net income earned by the trust during the previous
14 fiscal year is less than or equal to ____ dollars (\$____), the trustee
15 shall deposit the entire value of the net income into the Safe
16 Drinking Water Fund for the benefit of the trust's beneficiary.

17 (2) If the net income earned by the trust during the previous
18 fiscal year is greater than ____ dollars (\$____), the trustee shall
19 deposit at least ____ dollars (\$____) into the Safe Drinking Water
20 Fund for the benefit of the trust's beneficiary and shall determine
21 if any additional portion of the net income should be deposited
22 into the Safe Drinking Water Fund that year. Any portion of the
23 net income not deposited in the Safe Drinking Water Fund shall
24 be deemed a part of the trust principal by the trustee as a result of
25 a higher than anticipated return on the investment on the trust
26 principal in the previous fiscal year.

27 (3) Notwithstanding any other law, the trustee, and any
28 employee or agent of the trustee, shall not sell, purchase, exchange,
29 or otherwise deal with or dispose of all or any parts of the principal
30 of the trust.

31 (c) The trustee shall exercise its administration of the trust as a
32 fiduciary to the beneficiary. The trustee, in its administration of
33 the trust, shall abide by the Uniform Prudent Investor Act (Article
34 2.5 (commencing with Section 16045) of Chapter 1 of Part 4 of
35 Division 9 of the Probate Code). The trustee shall have the powers,
36 obligations, and responsibilities of a trustee prescribed in Part 4
37 (commencing with Section 16000) of Division 9 of the Probate
38 Code that are not inconsistent with the purposes and provisions of
39 this chapter.

40 (d) The trust shall have both of the following powers:

- 1 (1) To accept donations that shall be deemed trust property and
2 increase the principal of the trust.
- 3 (2) Use no more than 1 percent of the trust income earned July
4 1 to June 30, inclusive, of each year to pay for the necessary and
5 reasonable expenses incident to the administration of the trust
6 during that same period.
- 7 (e) The trust shall be deemed a charitable trust subject to the
8 supervision of the Attorney General.

O

SUPPORT THE SAFE DRINKING WATER TRUST



A STATEWIDE WATER TAX IS NOT THE RIGHT APPROACH

Why is the Trust a better approach?

- The vast majority of Californians have access to safe drinking water. However, some disadvantaged communities do not. This is a public health issue that the state must address.
- In 2018, the Legislature approved \$3 million for the preparation of a water systems needs analysis, and the State Water Resources Control Board is now determining how it will perform the analysis.
- Key to resolving the issue is addressing the funding gap for operation and maintenance (O&M) costs for community water systems that treat the water. O&M costs generally cannot be financed with existing federal and state safe drinking water funding sources.
- A financial solution is needed for O&M and consolidation costs that can complement existing funding sources for capital costs.
- The Association of California Water Agencies (ACWA) and the California Municipal Utilities Association (CMUA) are sponsoring legislation to create a Safe Drinking Water Trust (Trust).
- The Trust's principal would be initially financed with a one-time infusion of General Fund dollars during a budget surplus year. With the record budget surplus for the 2019-20 Fiscal Year, this is the perfect year to create and fund the Trust.
- Funding this durable Trust via the General Fund, which is based largely on a progressive source of revenue, makes sense because taxpayers with higher incomes would contribute more, and taxpayers with lower incomes would contribute less.
- The Trust's principal would be invested, and the net income would be transferred to a Safe Drinking Water Fund, which the State Water Resources Control Board would administer.

Why is a proposed statewide water tax not the right approach?

- It is not sound policy to tax a resource that is essential to life.
- State law sets forth a policy of a human right to water for human consumption that is safe, clean, affordable and accessible. Adding a regressive statewide water tax on local water bills would work against keeping water affordable for all Californians.
- It would be highly inefficient to have over 3,000 local water agencies become tax collectors for the state because the resulting combined local administrative costs would exceed the combined state tax revenue collected from the local water bills.

For more information contact

Cindy Tuck, ACWA Deputy Executive Director for Government Relations, at cindy@acwa.com
or **Danielle Blacet**, CMUA Director for Water, at dblacet@cmua.org.

01/30/19

Agenda Item

DATE: March 13, 2019

TO: Michael Minkler, General Manager

FROM: Joel Metzger, Manager of External Affairs, Conservation and Grants

SUBJECT: Discussion / Action Regarding Consideration of taking an Oppose Position on SB 474 (Stern): Department of Water Resources: appropriations of water

RECOMMENDED ACTION:

Motion: _____/_____ by minute entry to take an “OPPOSE” position on SB 474 (Stern): Department of Water Resources: Appropriations of water.

SUMMARY:

As introduced on February 21, 2019, Senate Bill 474 (Stern, D-Malibu) has the potential to harm “county of origin” state filed water right reservations afforded to counties such as Calaveras County.

Typically, appropriative water rights must be pursued with diligence between the time of application and subsequent permitting (Water Code Section 10500). Current law however, provides an exception for state-filed rights, such as Application Nos. 5647 and 5648 (Amador and Calaveras Counties), which are based on area of origin principles. Indeed, existing law gives those applications general priority, as of the date of filing the application (here 1927), over subsequent applications and exempts those rights from the diligence provisions included in Water Code section 10500.

The idea is that water under the applications is reserved for later use and development within the county of origin, and diligence in the development of those rights is not required. SB 474 would eliminate the exemption for state filed rights from the application of the diligence provisions as of January 1, 2021.

Due to the potential serious adverse impacts on the District’s water rights, staff recommends the Board adopt an OPPOSE position on SB 474.

FINANCIAL CONSIDERATIONS:

None at this time.

Attachments: *Bill Text: SB 474 (Stern): Department of Water Resources: appropriations of water*

Introduced by Senator Stern

February 21, 2019

An act to amend Section 10500 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

SB 474, as introduced, Stern. Department of Water Resources: appropriations of water.

Under existing law, the Department of Water Resources is required to make and file with the State Water Resources Control Board applications for the appropriation of any water that, in the department's judgment, is or may be required in the development and completion of all or part of a general or coordinated plan for the development, utilization, or conservation of the water resources of the state. Existing law gives those applications priority, as of the date of filing the application, over any subsequent application and exempts certain water rights diligence provisions from generally applying to the applications.

This bill would eliminate the exemption from the application of the diligence provisions as of January 1, 2021.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 10500 of the Water Code is amended to
2 read:
3 10500. (a) The department shall make and file applications
4 for any water ~~which~~ *that* in its judgment is or may be required in
5 the development and completion of the whole or any part of a

1 general or coordinated plan looking toward the development,
2 utilization, or conservation of the water resources of the state.

3 ~~Any~~

4 (b) Any application filed pursuant to this part shall be made and
5 filed pursuant to Part 2 (commencing with Section 1200) of
6 Division 2 ~~of this code~~ and the rules and regulations of the State
7 Water Resources Control Board relating to the appropriation of
8 water insofar as ~~applicable thereto~~. *applicable*.

9 ~~Applications~~

10 (c) *Applications* filed pursuant to this part shall have priority,
11 as of the date of filing, over any application made and filed
12 subsequent ~~thereto~~. ~~The~~ *to that date*.

13 (d) *The* statutory requirements of Part 2 (commencing at Section
14 1200) of Division 2 relating to diligence shall not apply to
15 applications filed under this part, except as otherwise provided in
16 Section 10504. *This subdivision shall become inoperative January*
17 *1, 2021.*

Agenda Item

DATE: March 13, 2019

TO: Board of Directors

FROM: Michael Minkler, General Manager

SUBJECT: Discussion / Action Regarding Invitation from Utica Water and Power Authority to Explore Collaborative Options for Highway 4 Corridor services

RECOMMENDED ACTION:

Motion: _____/_____ by minute entry directing the General Manager to participate in efforts outlined by the Utica Water and Power Authority Board of Directors in their March 7, 2019 letter to the CCWD Board of Directors.

SUMMARY:

The attached letter from the Utica Water and Power Authority (UWPA) Board of Directors addressed to the CCWD Board of Directors was received by staff on March 7, 2019. At their February 26, 2019 regular board meeting, the UWPA Board of Directors passed resolution 19-03, which seeks to initiate multi-agency collaborative discussions on the evaluation of governance, infrastructure, and the potential pursuit of opportunities for feasibility studies or projects to increase efficiencies in the delivery of water and wastewater service within the Highway 4 Corridor.

The UWPA Board of Directors is extending the invitation to CCWD, the City of Angels, and other neighboring agencies that provide a variety of valuable public services. Staff recommends that the Board give direction to the General Manager to participate in the proposed March 29th study session and potential work outcomes discussed in their invitation letter.

FINANCIAL CONSIDERATIONS:

None at this time.

Attachments: *Letter from UWPA Board of Directors: Re: Invitation to Highway 4 Corridor Agencies to Explore Collaboration Options*



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Date: March 7, 2019

To: City of Angels, City Council
Union Public Utility District, Board of Directors
Calaveras County Water District, Board of Directors
Murphys Sanitary District, Board of Directors
39th District Agricultural Association, Board of Directors
Blue Lake Springs Mutual Water Company, Board of Directors
Snowshoe Springs, Board of Directors

From: The UWPA Board of Directors

Re: Invitation to Highway 4 Corridor Agencies to Explore Collaboration Options

With the increasing occurrence of natural disasters, the difficulties of adjusting to regulatory burdens, and aging infrastructure, many small public water and wastewater agencies may struggle to find funds and resources to maintain the important services they provide to our communities.

There could be fiscal advantages to those agencies in Calaveras County, and in particular in the Highway 4 corridor, by combining facilities, engineering, and management to increase efficiency and economies in the communities that UWPA serves. The state is providing financing incentives to be made available for feasibility studies of water system partnerships and UWPA believes that this is an opportune time to research and possibly take advantage of outside funding.

At the February 26, 2019 regular UWPA board meeting, the UWPA directors voted unanimously to pass the attached Resolution 19-03. The UWPA is inviting the water and wastewater agencies to participate in inter-agency preliminary staff-level discussions in order to develop a process that would enable in-depth consideration of these collaboration options.

After reading and carefully considering the attached resolution, we would ask that you encourage your staff to accept our invitation and attend a first study session that is scheduled for Friday, March 29th, from 9am to 11am.

The UWPA board of directors thanks you in advance for your interest and participation.

Thank you.

cc: Bear Valley Mutual Water District
Calaveras Public Utility District
Mokelumne Hill Sanitary District
San Andreas Sanitary District
Valley Springs Public Utility District

UTICA WATER AND POWER AUTHORITY

Resolution No. 19-03

**RESOLUTION OF THE BOARD OF DIRECTORS OF UTICA WATER AND POWER AUTHORITY
TO INVITE HIGHWAY 4 CORRIDOR AGENCIES TO EXPLORE COLLABORATION OPTIONS**

WHEREAS, the Utica Water and Power Authority (“UWPA”) is a joint powers authority comprised of the City of Angels and the Union Public Utility District (“UPUD”); and

WHEREAS, the Utica Water and Power Authority owns and operates the water conveyance system that delivers the sole source of water to its member entities and to irrigators throughout the system. UWPA’s water conveyance system is directly connected to water systems owned and managed by the Calaveras County Water District, UPUD, and the City of Angels; and

WHEREAS, small public water and wastewater systems are often less resilient to natural disasters, such as drought and fire, have more difficulty adjusting to regulatory burdens, and may struggle to fund infrastructure maintenance and replacement due to lack of resources; and

WHEREAS, there could be fiscal advantages to combining facilities, engineering, and management to increase efficiency and achieve economies of scale in the communities that UWPA serves; and

WHEREAS, there may be state financing incentives available for feasibility studies of water system partnerships or voluntary consolidations of the several water and wastewater systems; and

WHEREAS, the Utica Water and Power Authority seeks to explore options for possible voluntarily restructuring that would enable water and wastewater agencies along Highway 4 in Calaveras County to better serve their communities. UWPA would like to include all the water and wastewater agencies in this effort and possibly pursue funding for a feasibility study; and


NOW, THEREFORE, BE IT RESOLVED that the Utica Water and Power Authority invites all water and wastewater agencies in the Highway 4 corridor to authorize preliminary staff-level discussions to jointly develop a process that would enable consideration of these options.

ON A MOTION by Director Quincy and seconded by Director Thompson, the foregoing resolution was duly passed and adopted by the Board of Directors of the Utica Water and Power Authority, on the 26th of February, 2019, by the following vote:

AYES: Joseph Oliveira, Greg Rasmussen, Tom Quincy, Amanda Folendorf, Larry Thompson
NOES: None
ABSTAIN: None
ABSENT: None



Chairman



Secretary