

**RESOLUTION NO. 2020-75
RESOLUTION NO. PFA-03
ORDINANCE NO. 2020-01**

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, December 9, 2020
1:00 p.m.

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

Based on guidance from the California Governor's Office and Department of Public Health, in order to minimize the potential spread of the COVID-19 virus, the Calaveras County Water District will convene its public meetings of the Board of Directors telephonically until further notice.

[Join meeting](#)

Join by meeting number

Meeting number (access code): 126 737 8605

Meeting password: CCWDDec2020 (22933322 from phones and video systems)

Tap to join from a mobile device (attendees only)

[+1-408-418-9388](tel:+14084189388), [1267378605#22933322#](tel:+14084189388) United States Toll

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

BOARD OF DIRECTORS

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

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. **BOARD RECONSTITUTION AND ELECTION OF OFFICERS**

3a Discussion/Action regarding Seating of Board Members and Election of Officers
(Michael Minkler, General Manager)

4. **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.

4a Approval of Minutes for the Board Meeting of November 11, 2020

4b Review Board of Directors Monthly Time Sheets for November 2020

4c Ratify Claim Summary #584 Secretarial Fund in the Amount of \$1,932,618.87 for November 2020
(Rebecca Callen, Director of Administrative Services) **RES 2020-_____**

4d Report on the Monthly Investment Transactions for November 2020
(Rebecca Callen, Director of Administrative Services)

4e Approval of Amendment of the Fiscal Year 2019-20 Personnel Allocation
(Stacey Lollar, Human Resources Manager) **RES 2020-_____**

4f Approval of Purchase of an Orenco Pod System for the Indian Rock Wastewater Treatment Facility- CIP Project #15098
(Damon Wyckoff, Director of Operations)

4g Report on the Write-Off of Uncollectible Accounts Receivable for the period of June 1, 2020 through November 30, 2020
(Rebecca Callen, Director of Administrative Services)

5. **PUBLIC HEARING**

5a Discussion/Action regarding the Adoption of Amendment to Ordinance 2006-03 Amending Schedule B - Charges for Special Services
(Damon Wyckoff, Director of Operations) **ORD 2020-_____**

6. **NEW BUSINESS**

6a Discussion/Action to Award Design Services for the West Point and Wilseyville Wastewater Facilities Consolidation Project, CIP 15072
(Bob Godwin, Senior Civil Engineer) **RES 2020-_____**

6b Discussion/Action Regarding Division 3/Ebbetts Pass Acceptance and Final Completion of the Reach 1 Water Transmission Pipeline Replacement Project, CCWD CIP #11085
(Charles Palmer, District Engineer) **RES 2020-_____**

6c Discussion/Action regarding Acceptance and Final Completion of the Ebbetts Pass Techite Pipeline Replacement Project, CIP No. 11084
(Kevin Williams, Civil Engineer) **RES 2020-_____**

6d Discussion/Action regarding Ballot for Calaveras LAFCO Independent Special District Representatives
(Michael Minkler, General Manager)

7. OLD BUSINESS

7a Update on Eastside Groundwater Sustainability Agency
(Brad Arnold, Manager of Water Resources)

8. REPORTS

8a Report on the November 2020 Operations Department
(Damon Wyckoff, Director of Operations)

8b* General Manager Report

9.* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

10. NEXT BOARD MEETINGS

- Friday, January 9, 2021, 1:00 p.m., Board Workshop-Strategic Planning
- Wednesday, January 13, 2021, 1:00 p.m., Regular Board Meeting
- Wednesday, January 27, 2021, 1:00 p.m., Regular Board Meeting

11. CLOSED SESSION

11a Conference with Legal Counsel – Potential Litigation Government Code §54956.9(b)(1) – 1 case

12. REPORTABLE ACTION FROM CLOSED SESSION

13. 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
Strategic Planning Consultant
Selection 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-Stanislaus 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-Stanislaus 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)
Ratterman / Davidson (alt. Thomas)

Ratterman / Secada

Ratterman (alt. Michael Minkler)
All Board Members
Ratterman / Underhill (alt. Secada)
Michael Minkler (Alt. Brad Arnold)
Thomas
Secada (alt. Thomas)
Davidson (alt. Ratterman)

Ratterman / Thomas
Thomas (alt. Ratterman)

Thomas / Underhill
All Board Members

All Board Members
Brad Arnold

Brad Arnold

* 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: December 9, 2020
TO: Board of Directors
FROM: Michael Minkler, General Manager
SUBJECT: Seating of Board Members and Election of Officers

RECOMMENDED ACTION:

1. Re-elected Board Members are sworn in and seated.
2. Elect President and Vice President.
3. The new President may choose to appoint members to the Engineering Committee, Finance Committee, and Legal Affairs Committee (Standing Committees of the Board). However, the new President may want to delay making the appointments until the January 13, 2020 meeting to canvass the preferences of each Board member for those appointments.
4. It is also customary at the next regularly scheduled Board meeting for the newly elected President to make appointments to other committees and associations of interest to the agency as well as to request a vote of the Board with regard to the appointment of members to Joint Power Authorities (JPAs) of which the District is a member.

BACKGROUND:

Jeff Davidson, Director of District 5, will be re-seated and Scott Ratterman, Director of District 1, will be re-seated; Directors Davidson and Ratterman will take and sign their oaths of office during this meeting.

Election of Officers

Now is the time year when the Board elects its officers for the following year, the President and Vice President. District policy (established by Resolution 2289 on December 8, 1977 and amended by Resolution 88-168 on December 8, 1988) also established that the “terms of the office shall be for one year with the right of succession for one or more years”.

The procedure for election of officers is as follows:

- The current President turns the meeting over to the General Manager who facilitates the election of the new President.

- After the President is elected, the General Manager facilitates the election of the new Vice President.
- The new President and Vice President are seated.

Committee Appointments

As the Board is reconstituting itself, there are some other important actions that must be taken, namely, identifying committee memberships. Some memberships are Presidential appointments while others such as the appointment of Board Members to JPAs are taken by action of the full Board. Pursuant to Board Policy 4060, the President may make appointments to existing ad hoc and standing committees of the Board for the following year and, if so desired, eliminate existing committees. Such action must be taken no later than the Board's regular meeting in February.

At this time, the Board President may proceed to appoint members to the Engineering, Finance, and Legal Affairs Committees of the Board. Alternatively, and consistent with past practice, the President may ask that each Board member submit a list of his or her own preferences for committee and JPA appointments to the Clerk of the Board for consideration by the President who will announce committee and other appointments as well as recommendations for Board action on JPA appointments at the next meeting on January 13, 2020.

FINANCIAL CONSIDERATIONS:

\$120 per meeting, up to six (6) meetings per calendar month, as well as reimbursement of certain authorized expenses as requested by each Board member.

Attachment: *Resolution No. 88-168*

RESOLUTION NO. 88-168

BE IT RESOLVED by the Board of Directors of CALAVERAS COUNTY WATER DISTRICT that Resolution No. 2289 setting the terms of presiding officers shall be amended as follows:

Section 2 - Presiding Officer of Calaveras County Water District
Rules and Regulations

2. Presiding Officer: The President of the Board shall preside at all meetings attended by him/her. In the absence of the President the Vice President shall preside; and in the absence of both the President and Vice President the members of the Board attending the meeting shall choose a Chairperson, who shall preside at said meeting.

An election will be held by the directors (pursuant to Water Code Section 30520) for the offices of the President and Vice President, such election to be held every year during the second meeting in November or within 30 days after the Board has been reconstituted. The terms of the office shall be for one year with the right of succession for one or more years.


PASSED AND ADOPTED this 8th day of December, 1988 by the following vote:

AYES: Directors Clark, Johnson, Neilsen, Gleason and Queirolo

NOES: None

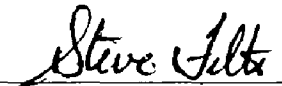
ABSENT: None

CALAVERAS COUNTY WATER DISTRICT

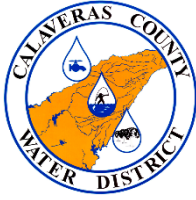


President

ATTEST:



Secretary



RESOLUTION NO. 2020-72
RESOLUTION NO. PFA-03
ORDINANCE NO. 2020-01

MINUTES

CALAVERAS COUNTY WATER DISTRICT REGULAR BOARD MEETING

November 11, 2020

- Directors Present: Bertha Underhill, President (arrived at 1:06)
Jeff Davidson, Vice President
Scott Ratterman, Director
Cindy Secada, Director
Russ Thomas, Director (arrived at 1:13)
- Staff Present: Michael Minkler, General Manager
Rebecca Hitchcock, Clerk to the Board
Rebecca Callen, Director of Administrative Services
Damon Wyckoff, Director of Operations
Jesse Hampton, Plant Operations Manager
Kevin Williams, Civil Engineer
Brad Arnold, Manager of Water Resources
Jessica Self, External Affairs Manager
- Others Present: Kevin Cornejo, Mueller Technologies
Bill Schilling

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

Vice-President Davidson called the Regular Board Meeting to order at 1:00 p.m. and led the pledge of allegiance. Directors Underhill and Thomas were absent.

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

**MOTION: Directors Davidson/Ratterman-Approved Consent Agenda Items:
3a, 3b, 3c, and 3d as presented**

- 3a Approval of Minutes for the Board Meeting of October 28, 2020
- 3b Review Board of Directors Monthly Time Sheets for October 2020
- 3c Ratify Claim Summary #584 Secretarial Fund in the Amount of \$2,685,999.34 for October 2020
(Rebecca Callen, Director of Administrative Services) **RES 2020-72**
- 3d Report on the Monthly Investment Transactions for October 2020
(Rebecca Callen, Director of Administrative Services)

PUBLIC COMMENT: There was no public comment.

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

Director Underhill arrived at 1:06 p.m.

4. NEW BUSINESS

- 4a Discussion/Action to Approve Amended Memorandum of Understanding (MOU) Between Calaveras Unified School District (CUSD) and Calaveras County Water District (CCWD) to Provide Sewer Service to the Jenny Lind Elementary School
(Michael Minkler, General Manager) **RES 2020-73**

MOTION: Directors Davidson/Secada - Adopted Resolution 2020-73 Amending MOU between CUSD and CCWD to Provide Sewer Service to the Jenny Lind Elementary School

DISCUSSION: Mr. Minkler presented the proposed changes to the MOU between CCWD and CUSD that the California State Water Board requested. The Water Board wanted details in the MOU stating if the original grant funds are not adequate to cover the cost of the project, CCWD would cooperate in all additional grant funding requests. It does not obligate CCWD to provide funding for the project. CUSD will, at its sole cost, provide all project management, construction management, and quality control for the project. CCWD will also be compensated for any engineering and construction inspection costs it deems necessary. There was discussion between staff and the Board regarding the amended language.

PUBLIC COMMENT: There was no public comment

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

Director Thomas arrived at 1:13 p.m.

- 4b Discussion/Action regarding AMI Fixed Network for Ebbetts Pass, Wallace and Sheep Ranch Service Areas/Oversized Radio Read Meters
(Kevin Williams. Civil Engineer) **RES 2020-74**

MOTION: **Directors Thomas/Davidson - Adopted Resolution 2020-74 Authorizing the General Manager to sign change orders to contract for Automatic Meter Reading and Advanced Metering Infrastructure Radio Read Meter Project CIP 11096**

DISCUSSION: Mr. Williams provided the Board with a PowerPoint presentation describing the Advanced Metering Infrastructure (AMI) Fixed Network for Ebbetts Pass, Wallace and Sheep Ranch Service Areas. He explained the contract for Mueller Systems to complete the project is just under four million dollars. This amount is well below the initial six million dollar estimated cost for the project. District staff requested a quote from Mueller Systems for installation of fixed network AMI in Ebbetts Pass, Wallace, and Sheep Ranch service areas. This fixed network AMI equipment would fully automate the meter-reading-to-billing process, linking meters directly to the billing system. The fixed network AMI would provide on-demand meter readings and the network would send alerts of abnormal conditions such as meter tampering, water theft, and leak detection. Mueller Systems' cost proposal would include the installation of 22 fixed network data collection devices and 60 signal repeaters. The data collection equipment will be placed on existing water storage tanks, lift stations or within the public right of way. The District will be responsible for providing power to all 22 fixed network data collection devices either from existing available power or a solar panel with battery backup. The quote to add this equipment District-wide came to an additional \$344,605. The AMI Fixed Network will require a yearly subscription fee of \$4.02 (adjusted to CPI yearly) which provides a fully hosted and monitored network. Mr. Williams also explained that the District did not incorporate the replacement of approximately 43 commercial meters sized 1.5" and above. In order to ensure uniform workflow and comparable service for all District customers staff proposes adding these meters to the replacement regimen and incorporating their reads into the AMI system. The cost to add these meters to the project will be \$38,928. There was significant discussion between staff and the Board regarding the change order costs, the work load of the District Meter Readers, and the capabilities of the AMI Meters.

PUBLIC COMMENT: There was no public comment

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

5. OLD BUSINESS

- 5a Update on Eastside Groundwater Sustainability Agency
(Brad Arnold, Manager of Water Resources)

Mr. Minkler gave a recommendation to table the matter until the next Board meeting due to a cancellation of this item at the Calaveras County Board of Supervisors Meeting on 11/10/2020.

6. REPORTS

- 6a Report on the November 2020 Operations Department
(Damon Wyckoff, Director of Operations)

DISCUSSION: Mr. Wyckoff presented the November 2020 monthly Operations report. He reviewed items of interest and answered questions from the Board.

PUBLIC COMMENT: There was no public comment.

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

6b General Manager Report

DISCUSSION: Mr. Minkler reported on the following activities: 1) the Legal Affairs Committee has been participating in virtual Washington, D.C visits with Mia O'Connell with an emphasis on the Copper Cove Wastewater Treatment Plant; 2) a call with the Calaveras Healthy Impact Product Solutions (CHIPS) where he introduced Brad Arnold and Jessica Self and discussed the possibility of a Forest Management Special Meeting on Dec 4th; 3) he is moderating another Association of California Water Agencies (ACWA) Biomass panel at the ACWA Conference in December; 4) the Slurry Line survey has been mailed to adjacent homeowners and the District is hosting an informational meeting on November 19th; 5) the Reach 1 and Techite projects are close to completion and have minimal clean-up items; 6) the West Point/Wilseyville Consolidation Project RFP has been posted; 7) the Jenny Lind Pre-Treatment Plant has been repaired by District Field Staff; 8) he is participating in a work group at ACWA on how to better curtail water in the next drought; and 9) Jessica Self submitted a grant application during her first week.

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

Director Ratterman congratulated Director Davidson on his re-election. He feels the Washington, D.C. meetings have been successful. He also mentioned upcoming meetings at Mountain Counties on the 13th and CAMRA on the 18th.

Director Thomas congratulated Director Davidson on his re-election.

Director Secada reported she finished the ACWA Zoom through California Webinars and they were very informative. She attends the IRWM meeting next week. She would like to see departmental presentations from various departments at the District.

Director Davidson thanked his supporters and mentioned that his opponents received a lot of votes and the District needs to be aware that the rate payers do not want rate increases. He stressed that public outreach in the future will be key to helping rate payers understand the District operations.

Director Underhill reported that the Hwy 4 corridor looks beautiful right now.

8. **NEXT BOARD MEETINGS**

- Wednesday, December 9, 2020, 1:00 p.m., Regular Board Meeting
- Wednesday, January 13, 2021, 1:00 p.m., Regular Board Meeting

The meeting adjourned into Closed Session at approximately 2:45 p.m. Those present were Board Members: Russ Thomas, Bertha Underhill, Cindy Secada, Jeff Davidson, and Scott Ratterman; staff members Michael Minkler, General Manager and Stacey Lollar, Human Resources Manager.

9. CLOSED SESSION

9a Government Code § 54957.6 Agency Negotiators: General Manager Michael Minkler and HR Manager Stacey Lollar Regarding Negotiations with Employee Organization SEIU Local 1021.

10. REPORTABLE ACTION FROM CLOSED SESSION

The Board reconvened into Open Session at approximately 3:50 p.m. There was no reportable action.

11. ADJOURNMENT

With no further business, the meeting adjourned at 3:50 p.m.

Respectfully Submitted:

ATTEST:

Michael Minkler
General Manager

Rebecca Hitchcock
Clerk to the Board

DRAFT

Agenda Item

DATE: December 9, 2020
TO: Michael Minkler, General Manager
FROM: Rebecca Hitchcock, Clerk to the Board
SUBJECT: Review Board of Directors Time Sheets for November 2020

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 November 2020.

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 2020-21 budget.

Attachments: Board of Directors Time Sheets for November 2020

CALAVERAS COUNTY WATER DISTRICT
2020 DIRECTOR REIMBURSEMENT FORM

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

Month/Yr Nov-20
 Name Bertha 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	
11-Nov	CCWD Regular Board Meeting							\$120.00		64
16-Nov	White Pines Park Committee Meeting							\$0.00		0
17-Nov	CCWD Finance Committee Meeting							\$120.00		0
18-Nov	CAMRA Meeting							\$120.00		0
Total	<i>For Totals line, multiply miles by the IRS rate:</i>	1/1/2020	\$0.575						0	64
<i>Pursuant to Board Policy 4030, receipts required; report /materials required.</i>				Totals (use IRS mileage rate)				\$360.00	\$0.00	\$36.80

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 Underhill

Administrative Review: 

Date: 11/14/20

Orig to Finance Dept.


CALAVERAS COUNTY WATER DISTRICT
2020 DIRECTOR REIMBURSEMENT FORM

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

Month/Yr Nov-20
 Name Russ Thomas

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles	
		Yes	No	Yes	No	Yes	No	Meeting	Expense		
1-Nov	Engineering Committee							\$120.00		44	
11-Nov	CCWD Regular Board Meeting							\$120.00		0	
16-Nov	Calaveras County Parks Commission							\$120.00		0	
Total	<i>For Totals line, multiply miles by the IRS rate:</i>	1/1/2020	\$0.575						0	44	
<i>Pursuant to Board Policy 4030, receipts required; report /materials required.</i>								Totals	<i>(use IRS mileage rate)</i>	\$360.00	\$25.30

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:


Administrative Review: 

Date: 11/20/20

Orig to Finance Dept.

**CALAVERAS COUNTY WATER DISTRICT
2020 DIRECTOR REIMBURSEMENT FORM**

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

Month/Yr Nov-20

Name Jeff Davidson

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
10-Nov	Virtual DC Visit-Conf Calls							\$120.00		0
11-Nov	CCWD Regular Board Meeting							\$120.00		28
13-Nov	Virtual DC Visit-Conf Calls							\$120.00		0
Total	<i>For Totals line, multiply miles by the IRS rate:</i>	11/1/2020	\$0.575						0	28

Pursuant to Board Policy 4030, receipts required; report /materials required. **Totals** (use IRS mileage rate) \$360.00 \$16.10

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:

Jeff Davidson

Administrative Review: *M. Miller*

Date: 11/18/20

Orig to Finance Dept.

Calaveras County Water District
Claim Summary #585
November 1-30, 2020 -vs-October 1-31, 2020

	October 2020	November 2020
CCWD Operating Expenditures	\$ 1,175,523.27	\$ 616,412.80
Expenditures to be reimbursed/Fiduciary Payments	9,757.45	2,400.00
Capital R&R Projects	928,122.03	542,921.36
Capital Outlay	24,654.33	248,160.73
Sub-Total Vendor Payments	2,138,057.08	1,409,894.89
Payroll Disbursed	336,624.74	358,016.61
Other Payroll Related Costs	211,317.52	164,707.37
Total Disbursements	\$ 2,685,999.34	\$ 1,932,618.87

CCWD
AP DISBURSEMENTS
November 1-30, 2020

Vendor	Description	Check Date	Check No	Amount
A T & T	Phone 10/20 - SA Shop	11/30/20	EFT	137.02
A T & T	Phone 10/20 - SA Shop	11/30/20	EFT	77.08
A T & T CALNET 3	Phone 10/20 - Camp Connell Radio Tower	11/30/20	EFT	211.80
A T & T CALNET3	Phone 10/20 - OP HQ Back Up	11/30/20	EFT	155.63
A T & T CALNET3	Phone 10/20 - T Line	11/30/20	EFT	120.41
A T & T CALNET3	Phone 10/20 - Dorrington P/S	11/30/20	EFT	22.15
A T & T CALNET3	Phone 10/20 - District Wide	11/30/20	EFT	835.63
A T & T CALNET3	Phone 10/20 - JLTC	11/30/20	EFT	80.94
A T & T CALNET3	Phone 10/20 - OP HQ Long Distance	11/30/20	EFT	341.95
A T & T CALNET3	Phone 10/20 - Hunters	11/30/20	EFT	22.18
A T & T CALNET3	Phone 10/20 - CCWHSE	11/30/20	EFT	0.93
A T & T CALNET3	Phone/Fax 10/20 - JLTC	11/30/20	EFT	14.20
A T & T CALNET3	Phone 10/20 - OP HQ Back Up	11/30/20	EFT	57.56
A T & T CALNET3	Phone 10/20 - T Line	11/30/20	EFT	44.54
A T & T CALNET3	Phone 10/20 - District Wide	11/30/20	EFT	470.04
A T & T CALNET3	Phone 10/20 - JLTC	11/30/20	EFT	29.93
A T & T CALNET3	Phone 10/20 - OP HQ Long Distance	11/30/20	EFT	126.48
A T & T CALNET3	Phone 10/20 - Azalea L/S	11/30/20	EFT	20.53
A T & T CALNET3	Phone/Fax 10/20 - JLTC	11/30/20	EFT	7.98
A TEEM ELECTRICAL ENG INC	Electrical Construction Services - Wallace WWTP	11/12/20	136619	1,670.00
A TEEM ELECTRICAL ENG INC	SCADA System Upgrade - CCWTP	11/19/20	136672	3,600.00
A-1 SHARPENING & SMALL ENGINE REPAIR, LLC	Handle, Oil, Fuel, File - Construction Crew Saws	11/04/20	136590	63.44
A-1 SHARPENING & SMALL ENGINE REPAIR, LLC	Chisel, Oil, Fuel - WP Bear Creek Diversion Debris Removal	11/19/20	136673	65.40
A-1 SHARPENING & SMALL ENGINE REPAIR, LLC	Gloves - Construction Crew	11/19/20	136673	21.44
ACWA/JPIA	(65) Dental 12/20	11/12/20	136620	4,516.72
ACWA/JPIA	(65) Dental 12/20	11/12/20	136620	1,670.56
ACWA/JPIA	(65) Vision 12/20	11/12/20	136620	961.97
ACWA/JPIA	(65) Vision 12/20	11/12/20	136620	355.79
ACWA/JPIA	(49) Retiree Vision 12/20	11/12/20	136620	225.50
ACWA/JPIA	EAP 12/20	11/12/20	136620	124.12
ACWA/JPIA	EAP 12/20	11/12/20	136620	42.93
ACWA/JPIA	(49) Retiree Dental 12/20	11/12/20	136620	2,123.43
ACWA/JPIA	(49) Retiree Vision 12/20	11/12/20	136620	609.70
ACWA/JPIA	(49) Retiree Dental 12/20	11/12/20	136620	785.37
AFLAC	Aflac Acct#JJ325 08/20	11/12/20	136621	1,617.23
AFLAC	Aflac Acct#JJ325 08/20	11/12/20	136621	598.15
ALCAL GLASS AND SUPPLY	Concrete Anchors, Bits, Pipe Fittings, Soap - EP	11/19/20	136675	123.84
AL'S TIRE SERVICE	Tire Swap - V 529	11/19/20	136674	65.00
AMERICAN WATER WORKS ASSOC	Membership #00036599 Dues 01/01/21 - 12/31/21	11/19/20	136676	4,394.00
ANGELS HEATING AND AIR CONDITIONING	Repair HVAC Compressor - JLWTP	11/19/20	136677	199.75
ARC	Print Drawings - Wallace Treatment Plant Renovation	11/04/20	136591	662.53
ARNOLD AUTO SUPPLY	Epoxy, Silicone, Penetrant - V 592	11/19/20	136678	42.86
ARNOLD AUTO SUPPLY	Epoxy - V 592	11/19/20	136678	8.57
ARNOLD AUTO SUPPLY	DPF Protector, Penetrant, Bits - V 143	11/19/20	136678	57.65
ARNOLD AUTO SUPPLY	Gas Can. Spout - EP BT2	11/19/20	136678	50.40

CCWD
AP DISBURSEMENTS
November 1-30, 2020

ARNOLD AUTO SUPPLY	Wrenches - V 143	11/19/20	136678	60.02
ARNOLD AUTO SUPPLY	Wrenches, Ratchet - V 720	11/19/20	136678	130.79
ARNOLD AUTO SUPPLY	Socket Set, Extensions - V 720	11/19/20	136678	61.11
ARNOLD AUTO SUPPLY	Pumps - Hunters WTP	11/19/20	136678	1,286.98
ARNOLD AUTO SUPPLY	Oil, ATF - V 734	11/19/20	136678	17.70
ARNOLD AUTO SUPPLY	Air Filter - V 529	11/19/20	136678	17.15
ARNOLD AUTO SUPPLY	Coolant - V 135	11/19/20	136678	38.61
ARNOLD AUTO SUPPLY	DEF - Vac-Con	11/19/20	136678	64.31
ARNOLD AUTO SUPPLY	Hose, Blaster - V 143	11/19/20	136678	49.24
ARNOLD AUTO SUPPLY	Trailer Connection - V 721	11/19/20	136678	5.35
ARNOLD AUTO SUPPLY	Mirror - V 721	11/19/20	136678	321.74
ARNOLD AUTO SUPPLY	Battery - EP BT2	11/19/20	136678	130.47
ARNOLD AUTO SUPPLY	Hooks - CC G-05	11/19/20	136678	38.59
AUTOSMITH AUTO BODY	Vehicle Repair	11/19/20	136679	2,137.09
BERTHA UNDERHILL	Travel 11/20	11/19/20	136726	26.87
BERTHA UNDERHILL	Travel 11/20	11/19/20	136726	9.93
BIG VALLEY FORD LINCOLN MERCURY	Batteries, Bolts - V 710	11/04/20	136592	354.27
BIG VALLEY FORD LINCOLN MERCURY	Clutch Master Cylinder - V 534	11/04/20	136592	66.42
BNN, LLC	Units A & B 780 Industrial Way 12/20	11/12/20	136622	1,920.00
BNN, LLC	Units A & B 780 Industrial Way 12/20	11/12/20	136622	1,080.00
BNN, LLC	CPUD (Water) 780 Industrial Way 10/20	11/19/20	136680	74.95
BNN, LLC	CPUD (Water) 780 Industrial Way 10/20	11/19/20	136680	42.15
BNN, LLC	SASD (Sewer) 780 Industrial Way 10/20	11/19/20	136680	128.18
BNN, LLC	SASD (Sewer) 780 Industrial Way 10/20	11/19/20	136680	63.12
BRET & ROSE SCHOLL	UB Refund 230 Bull Wacker Run	11/12/20	136658	14.13
BRET & ROSE SCHOLL	UB Refund 230 Bull Wacker Run	11/12/20	136658	23.33
BURLINGAME ENGINEERS, INC	LMI Pumps - JL Pretreatment	11/12/20	136624	4,665.37
CALAVERAS AUTO SUPPLY	Socket Set - V 143	11/19/20	136682	100.80
CALAVERAS AUTO SUPPLY	Compressor Oil, Filters - LCWWTP	11/19/20	136682	159.62
CALAVERAS AUTO SUPPLY	Line Flush - CCRCP	11/19/20	136682	295.67
CALAVERAS AUTO SUPPLY	Batteries, Alternator - V 522	11/19/20	136682	541.40
CALAVERAS AUTO SUPPLY	Core Credits - V 522	11/19/20	136682	(82.89)
CALAVERAS AUTO SUPPLY	Brake Pads & Rotors - V 720	11/19/20	136682	604.83
CALAVERAS AUTO SUPPLY	DEF - V 723	11/19/20	136682	28.68
CALAVERAS AUTO SUPPLY	Battery - V 721	11/19/20	136682	164.11
CALAVERAS AUTO SUPPLY	Core Credit - V 721	11/19/20	136682	(18.00)
CALAVERAS AUTO SUPPLY	Brake Pads, Rotors, Calipers - V 143	11/19/20	136682	581.54
CALAVERAS AUTO SUPPLY	Connector - V 133	11/19/20	136682	9.11
CALAVERAS AUTO SUPPLY	Core Credits - V 143	11/19/20	136682	(141.57)
CALAVERAS AUTO SUPPLY	Hose, Antifreeze - SA Shop	11/19/20	136682	325.71
CALAVERAS AUTO SUPPLY	Hydraulic Filters - SA Shop	11/19/20	136682	280.41
CALAVERAS AUTO SUPPLY	Transmission Filter Kit - V 130	11/19/20	136682	13.35
CALAVERAS AUTO SUPPLY	Starter, Battery - CC C Tank Generator	11/19/20	136682	374.19
CALAVERAS AUTO SUPPLY	Solenoid - CC C Tank Generator	11/19/20	136682	50.71
CALAVERAS AUTO SUPPLY	Fuel Treatment, DEF - Sawmill Generator	11/19/20	136682	98.67
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/20 - 06/30/21 1965 Blagen Road	11/04/20	136593	150.00

CCWD
AP DISBURSEMENTS
November 1-30, 2020

CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/20 - 06/30/21 POR N2 SE4	11/04/20	136593	75.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/20 - 06/30/21 4568 Kiva Dr	11/04/20	136593	75.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/20 - 06/30/21 6444 Schmidt Place	11/04/20	136593	38.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/20 - 06/30/21 3548 Sliver Rapids	11/04/20	136593	75.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/20 - 06/30/21 3642 Silver Rapids	11/04/20	136593	150.00
CALAVERAS LUMBER CO INC	Pail, Hose, Bits, Pipe Wrap, Wood - FMWWTP	11/12/20	136625	211.34
CALAVERAS LUMBER CO INC	Grinder, Hole Saw - V 720	11/12/20	136625	183.15
CALAVERAS LUMBER CO INC	Pipe Cutters - Collections Crew	11/12/20	136625	23.69
CALAVERAS LUMBER CO INC	Brooms, Electric Drill, Shovel - AWWTP`	11/12/20	136625	301.31
CALAVERAS LUMBER CO INC	Credit Pipe Cutters - Collections Crew	11/12/20	136625	(23.69)
CALAVERAS LUMBER CO INC	Terminals, Conduit, Adapters - Septic Tank	11/12/20	136625	28.00
CALAVERAS LUMBER CO INC	Pipe Fittings - Collections Crew	11/12/20	136625	6.22
CALAVERAS LUMBER CO INC	Pipe Fittings - Collections Crew	11/12/20	136625	5.38
CALAVERAS LUMBER CO INC	Pipe Fittings - Collections Crew	11/12/20	136625	55.01
CALIFORNIA WELDING SUPPLY CO	Welding Gun Adapter - V 723	11/19/20	136683	20.96
CALIFORNIA WELDING SUPPLY CO	Welding Gun - V 723	11/19/20	136683	271.41
CALIFORNIA WELDING SUPPLY CO	Welding Gun Liner - V 723	11/19/20	136683	14.00
CALPERS - RETIREMENT	Retirement Disb 10/31/20	11/02/20	EFT	31,625.63
CALPERS - RETIREMENT	Retirement Disb 10/31/20	11/02/20	EFT	14,246.30
CALPERS - RETIREMENT	Retirement Disb 10/31/20 (True Up)	11/02/20	EFT	(226.73)
CALPERS - RETIREMENT	Retirement Disb 10/31/20 (True Up)	11/02/20	EFT	(127.53)
CALPERS - RETIREMENT	Retirement Disb 11/15/20	11/18/20	EFT	34,279.49
CALPERS - RETIREMENT	Retirement Disb 11/15/20	11/18/20	EFT	12,371.00
CALPERS - RETIREMENT	Retirement Disb 11/15/20 True Up	11/18/20	EFT	(21.29)
CALPERS - RETIREMENT	Retirement Disb 11/15/20 True Up	11/18/20	EFT	(11.98)
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 10/31/20 Payroll	11/02/20	EFT	684.48
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 10/31/20 Payroll	11/02/20	EFT	272.57
CALPERS (Def Comp)	Deferred Comp Disb 10/31/20 Payroll	11/02/20	EFT	2,490.26
CALPERS (Def Comp)	Deferred Comp Disb 10/31/20 Payroll	11/02/20	EFT	1,918.20
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 11/15/20	11/18/20	EFT	761.11
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 11/15/20	11/18/20	EFT	195.94
CALPERS (Def Comp)	Deferred Comp Disb 11/15/20	11/18/20	EFT	2,335.30
CALPERS (Def Comp)	Deferred Comp Disb 11/15/20	11/18/20	EFT	1,544.71
CALPERS (Health Ins)	Health insurance, Employees (64) 11/2020	11/06/20	EFT	76,863.27
CALPERS (Health Ins)	Health insurance, Employees (64) 11/2020	11/06/20	EFT	28,428.88
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	111.53
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	15.21
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	19.67
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	20.43
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	4.56
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	59.93
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	5.63
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	6.50
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	7.56
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	1.68
CALPERS (Health Ins)	Health insurance, Retirees (52) 11/2020	11/06/20	EFT	30,254.30

CCWD
AP DISBURSEMENTS
November 1-30, 2020

CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	80.42
CALPERS (Health Ins)	Health insurance, Retirees (52) 11/2020	11/06/20	EFT	11,189.94
CALPERS (Health Ins)	Health insurance-Admin 11/2020	11/06/20	EFT	29.75
CAMPORA	Acct#75516 Wallace 10/20	11/19/20	136684	6.16
CARD SERVICES 3971	Earth Link Back Up 10/20	11/12/20	EFT	22.56
CARD SERVICES 3971	Cal.Net Wallace 10/20	11/12/20	EFT	37.07
CARD SERVICES 3971	Comcast 8155600640293521 JLTC 10/20	11/12/20	EFT	109.69
CARD SERVICES 3971	Comcast 8155600640105162 JLWTP 10/20	11/12/20	EFT	108.08
CARD SERVICES 3971	CalTel Phone Line 10/20	11/12/20	EFT	937.69
CARD SERVICES 3971	Comcast 8155600640115088 JLTC 10/20	11/12/20	EFT	109.69
CARD SERVICES 3971	Verizon 642064068-00001 District Cell Phone 10/20	11/12/20	EFT	2,457.00
CARD SERVICES 3971	Earth Link Back Up 10/20	11/12/20	EFT	8.34
CARD SERVICES 3971	Cal.Net Wallace 10/20	11/12/20	EFT	20.85
CARD SERVICES 3971	CalTel Phone Line 10/20	11/12/20	EFT	527.45
CARD SERVICES 3971	Verizon 642064068-00001 District Cell Phone 10/20	11/12/20	EFT	1,382.05
CARD SERVICES 3971	Cal Waste 05-21870-0 OP HQ 10/20	11/12/20	EFT	169.04
CARD SERVICES 3971	Cal Waste 05-004576-0 JLWTP 10/20	11/12/20	EFT	154.32
CARD SERVICES 3971	Cal Waste 05-15442-0 EP Barn 10/20	11/12/20	EFT	78.16
CARD SERVICES 3971	Cal Waste 05-43758-7 White Pines Lake 10/20	11/12/20	EFT	104.23
CARD SERVICES 3971	Cal Waste 05-17928-0 Hunters 10/20	11/12/20	EFT	76.16
CARD SERVICES 3971	Cal Waste 05-43516-9 SA Shop 10/20	11/12/20	EFT	77.84
CARD SERVICES 3971	Cal Waste 05-21870-0 OP HQ 10/20	11/12/20	EFT	62.51
CARD SERVICES 3971	Cal Waste 05-004575-0 LCWWTP 10/20	11/12/20	EFT	139.68
CARD SERVICES 3971	Cal Waste 05-006195-0 Wilseyville 10/20	11/12/20	EFT	76.16
CARD SERVICES 3971	Cal Waste 05-22278-0 CCWWTP 10/20	11/12/20	EFT	154.32
CARD SERVICES 3971	Cal Waste 05-174928-0 FMWWTP 10/20	11/12/20	EFT	76.16
CARD SERVICES 3971	Cal Waste 05-10766-0 AWWTP 10/20	11/12/20	EFT	76.16
CARD SERVICES 3971	Cal Waste 05-17479-0 DF VCTO 10/20	11/12/20	EFT	154.32
CARD SERVICES 3971	Cal Waste 05-43516-9 SA Shop 10/20	11/12/20	EFT	43.78
CARD SERVICES 3971	Rack Space Hosted Email 10/20	11/12/20	EFT	601.32
CARD SERVICES 3971	Rack Space Hosted Email 10/20	11/12/20	EFT	222.40
CARD SERVICES 3971	Mail Chimp 10/20	11/12/20	EFT	13.14
CARD SERVICES 3971	Mail Chimp 10/20	11/12/20	EFT	4.85
CARD SERVICES 3971	National Notary Assoc Credit - Lollar	11/12/20	EFT	(15.57)
CARD SERVICES 3971	National Notary Assoc Credit - Lollar	11/12/20	EFT	(5.75)
CARLOS PEREZ	UB Refund 2031 El Dorado Drive	11/04/20	136606	25.19
CARSON HILL ROCK PRODUCTS	Road Base - WP Acorn Way Road Repair	11/04/20	136594	2,918.68
CARSON HILL ROCK PRODUCTS	Road Base - WP Acorn Way Road Repair	11/19/20	136685	4,147.31
CDK SUPPLY	Conduit - Stock	11/12/20	136626	83.44
CDK SUPPLY	Conduit - Stock	11/12/20	136626	46.94
CDK SUPPLY	Electrical Fittings, Conduit - Septic Tank Install	11/19/20	136686	83.36
CDK SUPPLY	Power Inlet Boxes, Relays - Septic Tank Transfer Switches	11/19/20	136686	1,560.20
CENTRAL CALIFORNIA GENERATOR	550kw Generator - Hunters WTP	11/12/20	136627	120,120.00
CENTRAL CALIFORNIA GENERATOR	Generator Warranty - Hunters WTP	11/12/20	136627	3,001.25
CINDY SECADA	Travel 11/20	11/19/20	136721	16.25
CINDY SECADA	Travel 11/20	11/19/20	136721	6.01

CCWD
AP DISBURSEMENTS
November 1-30, 2020

CLARK PEST CONTROL	Pest Control Location # 730179 CCWTP 11/20	11/19/20	136687	94.00
CLARK PEST CONTROL	Pest Control Location # 1297711 WPWTP 11/20	11/19/20	136687	108.00
CLARK PEST CONTROL	Pest Control Location # 807549 JLWTP 10/20	11/19/20	136687	64.00
CLARK PEST CONTROL	Pest Control Location # 1768120 WPWWTP 11/20	11/19/20	136687	132.00
CLARK PEST CONTROL	Pest Control Location # 807360 LCWHSE 10/20	11/19/20	136687	85.00
CLARK PEST CONTROL	Pest Control Location # 190086855 FMWWTP 11/20	11/19/20	136687	89.00
COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 11/20	11/12/20	136628	499.20
COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 11/20	11/12/20	136628	280.80
CONDOR EARTH TECHNOLOGIES INC	Materials Testing & Inspection Services -EP Reach 1 08/20	11/19/20	136688	1,986.75
CONDOR EARTH TECHNOLOGIES INC	Materials Testing & Inspection Services -EP Reach 1 09/20	11/19/20	136688	2,146.25
CONDOR EARTH TECHNOLOGIES INC	Materials Testing & Inspection Services -EP Reach 1 10/20	11/19/20	136688	325.75
CONDOR EARTH TECHNOLOGIES INC	Materials Testing and Inspection Services,- Techite 09/20	11/19/20	136688	9,683.25
CONDOR EARTH TECHNOLOGIES INC	Materials Testing and Inspection Services,- Techite 08/20	11/19/20	136688	1,517.00
CONDOR EARTH TECHNOLOGIES INC	Maintenance Oversight/Annual Report - White Pines 08/20	11/19/20	136688	2,146.25
CONDOR EARTH TECHNOLOGIES INC	Compaction Testing - JL 06/20	11/19/20	136688	668.75
CONDOR EARTH TECHNOLOGIES INC	Compaction Testing - JL 08/20	11/19/20	136688	565.75
CONDOR EARTH TECHNOLOGIES INC	Leachfield Evaluation - AWWTP 10/20	11/19/20	136688	852.50
CONFIDENTIAL	Medical Reimbursement 2020	11/04/20	136595	111.60
CONFIDENTIAL	Medical Reimbursement 2020	11/04/20	136595	62.77
CONFIDENTIAL	Retiree Health Reimbursement 11/20	11/12/20	136645	38.48
CONFIDENTIAL	Retiree Health Reimbursement 11/20	11/12/20	136662	256.52
CONFIDENTIAL	Retiree Health Reimbursement 11/20	11/12/20	136645	14.23
CONFIDENTIAL	Retiree Health Reimbursement 11/20	11/12/20	136662	94.87
CONFIDENTIAL	30 Hours PTO Pay Out 11/30	11/19/20	136705	543.55
CONFIDENTIAL	40 Hours PTO Pay Out 11/30	11/19/20	136681	712.83
CONFIDENTIAL	30 Hours PTO Pay Out 11/30	11/19/20	136720	699.59
CONFIDENTIAL	30 Hours PTO Pay Out 11/30	11/19/20	136705	305.75
CONFIDENTIAL	40 Hours PTO Pay Out 11/30	11/19/20	136681	263.65
CONFIDENTIAL	30 Hours PTO Pay Out 11/30	11/19/20	136720	393.52
CONFIDENTIAL	Medical Reimbursement 2020	11/19/20	136739	35.72
CONFIDENTIAL	Medical Reimbursement 2020	11/19/20	136739	20.08
CONFIDENTIAL	11/30/2020 PPE Final Check	11/24/20	136740	1,546.04
CONFIDENTIAL	11/30/2020 PPE Final Check	11/24/20	136740	869.65
CPPA	Power 10/20 District Wide	11/12/20	136630	55,064.40
CPPA	Power 10/20 District Wide	11/12/20	136630	30,973.72
CPUD	Water 10/20 - OP HQ	11/30/20	EFT	236.76
CPUD	Water 10/20 - OP HQ	11/30/20	EFT	87.57
CWEA Renewal	Collection Maintenance Grade 1 Renewal - Turner	11/19/20	136689	91.00
DATAPROSE	UB Statement Processing 10/20	11/12/20	136631	2,699.41
DATAPROSE	UB Statement Processing 10/20	11/12/20	136631	998.40
DE LAGE LANDEN FINANCIAL SRVC INC	Copier Lease OP HQ	11/30/20	EFT	215.14
DE LAGE LANDEN FINANCIAL SRVC INC	Copier Lease OP HQ	11/30/20	EFT	79.57
DLT SOLUTIONS INC	Annual 4 Seat S/W Maintenance - AutoCAD	11/12/20	136632	3,263.68
DLT SOLUTIONS INC	Annual 4 Seat S/W Maintenance - AutoCAD	11/12/20	136632	1,207.12
DOWNEY BRAND ATTORNEYS LLP	Legal Services 10/20 31348.00000	11/19/20	136691	4,521.62
DOWNEY BRAND ATTORNEYS LLP	Legal Services 10/20 31348.00000	11/19/20	136691	1,672.38

CCWD
AP DISBURSEMENTS
November 1-30, 2020

DRM CONSTRUCTION & EXCAVATION INC	Re-Lining Outfall Drains - White Pines	11/19/20	136692	29,082.45
EBBETTS PASS GAS SERVICE	Fitting, Riser, Shut Off Valve - EP Barn	11/12/20	136633	176.92
EBBETTS PASS GAS SERVICE	Fitting, Riser, Shut Off Valve - EP Barn	11/12/20	136633	99.51
EBBETTS PASS GAS SERVICE	Fuel 10/20	11/12/20	136633	740.98
EBBETTS PASS GAS SERVICE	Fuel 10/20	11/12/20	136633	1,326.59
EBBETTS PASS GAS SERVICE	Fuel 10/20	11/12/20	136633	1,972.68
EBBETTS PASS GAS SERVICE	Fuel 10/20	11/12/20	136633	416.79
EBBETTS PASS GAS SERVICE	Fuel 10/20	11/12/20	136633	746.20
EBBETTS PASS LUMBER	Pipe Fittings - EP Barn	11/12/20	136634	19.28
EDGES ELECTRICAL GROUP, LLC	Electrical Parts - EP BT2	11/19/20	136693	122.14
EDGES ELECTRICAL GROUP, LLC	Electrical Parts - EP BT2	11/19/20	136693	422.96
EDGES ELECTRICAL GROUP, LLC	Electrical Parts - EP BT2	11/19/20	136693	4.66
EDGES ELECTRICAL GROUP, LLC	Electrical Parts - EP BT2	11/19/20	136693	14.02
EDGES ELECTRICAL GROUP, LLC	Electrical Parts - EP BT2	11/19/20	136693	4.66
ENVIRONMENTAL WATER SOLUTIONS, INC	Rotary Lobe Blower - LCWWTP	11/12/20	136635	5,641.35
EUROFINS EATON ANALYTICAL, INC	McKays Reservoir Water Testing	11/12/20	136636	425.00
FERGUSON ENTERPRISES, INC 1423	Tubing, Saddles - Kirby & Gabor	11/12/20	136637	481.70
FERGUSON ENTERPRISES, INC 1423	Repair Saddles - LC Whse (Kirby & Gabor)	11/19/20	136694	1,751.69
FERGUSON ENTERPRISES, INC 1423	Repair Clamps - CC Whse	11/19/20	136694	739.17
FERGUSON ENTERPRISES, INC 1423	Saddles, Corps, PJ Fittings - LC Whse (Kirby & Gabor)	11/19/20	136694	2,590.15
FGL ENVIRONMENTAL	Water Testing 10/21 - 11/05	11/19/20	136695	3,640.00
FGL ENVIRONMENTAL	Waste Water Testing 10/21 - 11/05	11/19/20	136695	2,047.00
FINANCIAL PACIFIC LEASING	Contract#0131654054001 - 2020 International Truck	11/12/20	136638	2,249.55
FINANCIAL PACIFIC LEASING	Contract#0131654054001 - 2020 International Truck	11/12/20	136638	1,265.37
FINANCIAL PACIFIC LEASING	Contract#0131654054001 - 2020 International Truck	11/12/20	136638	17,785.86
FINANCIAL PACIFIC LEASING	Contract#0131654054001 - 2020 International Truck	11/12/20	136638	10,004.55
FOOTHILL PORTABLE TOILETS	Rental Portable Toilets 10/10/20 - 11/06/20 Sheep Ranch	11/12/20	136639	93.50
FOOTHILL PORTABLE TOILETS	Rental Portable Toilets 10/10/20 - 11/06/20 Wallace	11/12/20	136639	93.50
FOOTHILL PRINTING & GRAPHICS	3000 Return Envelopes	11/12/20	136640	242.23
FOOTHILL PRINTING & GRAPHICS	3000 Return Envelopes	11/12/20	136640	89.59
FROGGY'S AUTO WASH & LUBE	Oil, Lube - V 724	11/04/20	136596	167.80
GAMBI DISPOSAL INC.	Bio-Solids Removal - FMWWTP	11/12/20	136641	682.50
GAMBI DISPOSAL INC.	Bio-Solids Removal - LCWWTP	11/12/20	136641	577.50
GARETT WALKER	Backflow Testing - EP	11/19/20	136733	210.00
GARETT WALKER	Backflow Testing - WP	11/19/20	136733	560.00
GATEWAY PRESS, INC	Vehicle Decals - District Wide	11/12/20	136642	107.25
GENERAL PLUMBING SUPPLY CO INC	Bolts - JLWTP	11/12/20	136643	174.59
GENERAL PLUMBING SUPPLY CO INC	Arbor, Hole Saw - V 720	11/19/20	136696	60.74
GENERAL PLUMBING SUPPLY CO INC	Splice Box - Septic Tank Install	11/19/20	136696	98.50
GENERAL PLUMBING SUPPLY CO INC	Meter Adapters - CC Whse	11/19/20	136696	244.26
GOVCONNECTION, INC	Cyan Toner - HP 5550	11/04/20	136597	322.67
GOVCONNECTION, INC	Cyan Toner - HP 5550	11/04/20	136597	119.35
GOVCONNECTION, INC	2) Monitors - Zachary Thompson, 2) UPS's - Stock	11/04/20	136597	293.15
GOVCONNECTION, INC	RBC UPS Batts (2), USB Ext. cables - Stock	11/04/20	136597	45.16
GOVCONNECTION, INC	2) Monitors - Zachary Thompson, 2) UPS's - Stock	11/04/20	136597	108.43
GOVCONNECTION, INC	RBC UPS Batts (2), USB Ext. cables - Stock	11/04/20	136597	16.70

CCWD
AP DISBURSEMENTS
November 1-30, 2020

GOVCONNECTION, INC	2) Scanners - Zach T and Jessica S	11/18/20	136698	717.04
GOVCONNECTION, INC	2) Scanners - Zach T and Jessica S	11/18/20	136698	265.20
GRAINGER	Tool Tote - V 551	11/12/20	136644	47.00
GRAINGER	Wire Strippers, Screwdriver - V 551	11/12/20	136644	35.54
GRAINGER	Screwdriver - V 551	11/12/20	136644	12.91
GRAINGER	Power Distribution Blocks - WP Acorn PS	11/12/20	136644	178.21
GRAINGER	Submersible Pump - Wallace WWTP	11/12/20	136644	368.24
GRAINGER	Pressure Switch - EP Dorrington PS	11/19/20	136699	311.09
GRAINGER	Solenoid Valve Coils - EP Larkspur Tank	11/19/20	136699	72.26
GRAINGER	Solenoid Valve - EP Larkspur Tank	11/19/20	136699	74.96
GRAINGER	Power Distribution Block - WP Acorn PS	11/19/20	136699	133.87
HABITAT FOR HUMANITY	Security Deposit Units A & B 770 Industrial Way	11/19/20	136700	2,240.00
HABITAT FOR HUMANITY	Security Deposit Units A & B 770 Industrial Way	11/19/20	136700	1,260.00
HABITAT FOR HUMANITY	Racking, Shelving, Pallet Jack & Forklift 770 Industrail Way	11/19/20	136700	1,152.00
HABITAT FOR HUMANITY	Racking, Shelving, Pallet Jack & Forklift 770 Industrail Way	11/19/20	136700	648.00
HABITAT FOR HUMANITY	Rent Units A & B 770 Industrial Way 12/20	11/19/20	136700	1,664.00
HABITAT FOR HUMANITY	Rent Units A & B 770 Industrial Way 12/20	11/19/20	136700	936.00
HACH COMPANY	Ice-Pic Calibration - CCWTP	11/04/20	136598	383.12
HACH COMPANY	Turbidimeter Replacement Project	11/19/20	136701	20,719.68
HACH COMPANY	Turbidimeter Replacement Project	11/19/20	136701	27,947.47
HACH COMPANY	Turbidimeter Replacement Project	11/19/20	136701	10,359.84
HACH COMPANY	Turbidimeter Replacement Project	11/19/20	136701	2,302.18
HACH COMPANY	Turbidimeter Replacement Project	11/19/20	136701	3,105.27
HACH COMPANY	Turbidimeter Replacement Project	11/19/20	136701	1,151.09
HDR	Water and Wastewater Capacity Fee Study 10/20	11/19/20	136702	3,055.05
HDR	Water and Wastewater Capacity Fee Study 10/20	11/19/20	136702	1,129.95
HOBGOODS CLEANING	Janitorial Services 10/20 JLTC	11/19/20	136703	32.00
HOBGOODS CLEANING	Janitorial Services 10/20 JLTC	11/19/20	136703	18.00
HOBGOODS CLEANING	Janitorial Services 10/20 OP HQ	11/19/20	136703	1,412.55
HOBGOODS CLEANING	Janitorial Services 10/20 OP HQ	11/19/20	136703	522.45
HOLT OF CALIFORNIA	Hydraulic Hose, Oil - B 5	11/04/20	136599	324.28
HUBER TECHNOLOGY INC.	Headworks Screening Unit - LCWWTP	11/04/20	136600	60,328.13
HUBER TECHNOLOGY INC.	Headworks Screening Unit - FMWWTP	11/04/20	136600	60,328.13
HUBER TECHNOLOGY INC.	Headworks Screening Unit - DF VCTO	11/04/20	136600	60,328.13
HUNT & SONS, INC	Fuel - CC	11/19/20	136704	136.16
HUNT & SONS, INC	Fuel - WP	11/19/20	136704	423.47
HUNT & SONS, INC	Fuel - EP Avery	11/19/20	136704	1,126.18
HUNT & SONS, INC	Fuel - EP Barn	11/19/20	136704	1,054.78
HUNT & SONS, INC	Fuel - EP Hunters WTP	11/19/20	136704	1,281.97
IRON MOUNTAIN	Document Destruction 09/23 - 10/27	11/12/20	136646	132.98
IRON MOUNTAIN	Document Destruction 09/23 - 10/27	11/12/20	136646	49.18
JAMESVILLE OFFICE FURNITURE	Office Furniture - OP HQ	11/04/20	136601	868.54
JAMESVILLE OFFICE FURNITURE	Office Furniture - OP HQ	11/04/20	136601	321.24
JAMESVILLE OFFICE FURNITURE	Office Furniture - OP HQ	11/19/20	136706	50.58
JAMESVILLE OFFICE FURNITURE	Office Furniture - OP HQ	11/19/20	136706	18.70
JEFF DAVIDSON	Travel 11/20	11/19/20	136690	11.76

CCWD
AP DISBURSEMENTS
November 1-30, 2020

JEFF DAVIDSON	Travel 11/20	11/19/20	136690	4.34
JEREMY WOOD	Safety Boot Reimbursement 2020	11/19/20	136738	200.00
JIM COSENTINO	UB Refund 4352 Lakemont Drive	11/12/20	136629	35.35
JOHN GOMES	Reimbursement - BitTitan Mailbox License	11/19/20	136697	752.73
JOHN GOMES	Reimbursement - BitTitan Mailbox License	11/19/20	136697	278.41
JONATHAN & ELIZABETH KEPPEL	UB Refund 16 Boards Cross Rd	11/12/20	136647	120.80
JOSEPH & KAREN PODANY	UB Refund 2404 Rawhide Drive	11/19/20	136717	119.52
KASL CONSULTING ENGINEERS	Provide Construction Staking Services - Ebbetts Pass Reach 1	11/19/20	136707	11,957.50
KYLE & STACY SERRATO	UB Refund 6919 Baldwin Street	11/12/20	136659	132.96
LAWSON PRODUCTS INC	Welding Blanket, Fasteners - SA Shop	11/04/20	136602	458.08
LAWSON PRODUCTS INC	Stainless Steel Rods - SA Shop	11/19/20	136708	460.00
LERONNE RENNA	UB Refund 3506 Hwy 4	11/12/20	136655	186.25
MARK SUTTON INC	28 Day Truck Rental - Valentine Hill Road Project	11/19/20	136724	19,040.00
MCCALL ANDERSON CORP	Thermal Mass Meter - DF VCTO	11/12/20	136648	3,781.59
MEAD & HUNT INC	Induction Mapping - WP Reg Dam 10/20	11/19/20	136709	5,040.00
MODESTO AIRCO GAS & GEAR	Cylinder Rental 11/20	11/12/20	136649	58.24
MODESTO AIRCO GAS & GEAR	Cylinder Rental 11/20	11/12/20	136649	32.76
MOTHER LODGE ANSWERING SERVICE	Answering Service 11/20	11/12/20	136650	422.33
MOTHER LODGE ANSWERING SERVICE	Answering Service 11/20	11/12/20	136650	156.20
MOUNTAIN OASIS PURIFIED WATER	Water Cooler, Water Cooler Supplies 10/20 District Wide	11/12/20	136651	93.06
MOUNTAIN OASIS PURIFIED WATER	Water Cooler, Water Cooler Supplies 10/20 District Wide	11/12/20	136651	52.34
MOZINGO CONSTRUCTION, INC.	Construction Contract - Reach 1 09/20	11/19/20	136710	176,066.01
NEW YORK LIFE	Life Insurance 10/20	11/19/20	136711	820.79
NEW YORK LIFE	Life Insurance 10/20	11/19/20	136711	303.57
NORTHSTAR CHEMICAL	Polymer - CCWTP	11/04/20	136603	326.25
NORTHSTAR CHEMICAL	Sodium Hypochlorite - JLWTP	11/04/20	136603	1,089.87
NORTHSTAR CHEMICAL	Sodium Hypochlorite - WPWTP	11/04/20	136603	670.23
NORTHSTAR CHEMICAL	Sodium Hypochlorite - WPWWTP	11/04/20	136603	622.35
NTU TECHNOLOGIES INC	Polymer - JLWTP & CCWTP	11/19/20	136712	17,268.77
O.S.T.S. INC	Confined Space Training	11/19/20	136713	4,650.00
O'REILLY AUTO PARTS	Cleaning Supplies - Acorn P/S	11/12/20	136652	45.52
O'REILLY AUTO PARTS	Battery, Cables - LC Whse Dump Trailer	11/12/20	136652	141.08
O'REILLY AUTO PARTS	Fuel Cap - V 706	11/12/20	136652	15.78
O'REILLY AUTO PARTS	Alternator, Tensioner - V 710	11/12/20	136652	362.55
O'REILLY AUTO PARTS	Transmission Fluid - Construction Crew	11/12/20	136652	32.31
O'REILLY AUTO PARTS	Battery - V 535	11/12/20	136652	131.51
O'REILLY AUTO PARTS	DEF - V 128	11/12/20	136652	47.37
P G & E	Gas 10/20 - OP HQ	11/30/20	EFT	6.80
P G & E	Power 10/20 - District Wide	11/30/20	EFT	1,533.05
P G & E	Power 10/20 - CC Water Tank	11/30/20	EFT	41.45
P G & E	Power 10/20 - JLTC	11/30/20	EFT	89.77
P G & E	Power 10/20 - SA Shop	11/30/20	EFT	228.67
P G & E	Power 10/20 - VS House	11/30/20	EFT	21.60
P G & E	Gas 10/20 - OP HQ	11/30/20	EFT	2.52
P G & E	Power 10/20 - Highway 26	11/30/20	EFT	10.74
P G & E	Power 10/20 - District Wide	11/30/20	EFT	862.34

CCWD
AP DISBURSEMENTS
November 1-30, 2020

P G & E	Power 10/20 - JLTC	11/30/20	EFT	50.50
P G & E	Power 10/20 - Wallace Spray Fields	11/30/20	EFT	26.92
P G & E	Power 10/20 - Warmwood L/S	11/30/20	EFT	22.10
P G & E	Power 10/20 - Woodgate L/S	11/30/20	EFT	28.29
P G & E	Power 10/20 - SA Shop	11/30/20	EFT	128.63
P G & E	Power 10/20 - VS House	11/30/20	EFT	12.15
PAC MACHINE CO INC.	Pumps - District Wide	11/12/20	136653	23,310.39
PAC MACHINE CO INC.	Motor - Lakeside Pump	11/12/20	136653	4,650.20
PAC MACHINE CO INC.	Ready 8 Pump, Hose - EP Barn	11/19/20	136714	1,361.64
PAC MACHINE CO INC.	Paco Pump - JLWTP	11/19/20	136714	2,451.35
PACE SUPPLY CORP	Couplings - LC Whse	11/04/20	136604	258.69
PACE SUPPLY CORP	Tap Saddles - LC Whse (Kirby, Gabor)	11/12/20	136654	311.03
PACE SUPPLY CORP	Tap Saddles - LC Whse (Kirby, Gabor)	11/12/20	136654	155.51
PACE SUPPLY CORP	Meter Connectors - LC Whse	11/12/20	136654	2,433.05
PACE SUPPLY CORP	Tubing, Fittings, Chamfer Kit - CC Whse (Council Trail)	11/19/20	136715	63.70
PACE SUPPLY CORP	Tubing, Fittings, Chamfer Kit - CC Whse (Council Trail)	11/19/20	136715	204.49
PACE SUPPLY CORP	Repair Saddle - LC Whse (Kirby & Gabor)	11/19/20	136715	519.09
PACE SUPPLY CORP	Repair Clamp - EP Barn	11/19/20	136715	200.09
PACE SUPPLY CORP	Float, Switches - Septic Tanks	11/19/20	136715	426.61
PACE SUPPLY CORP	Floats, Switches - Septic Tanks	11/19/20	136715	148.65
PACE SUPPLY CORP	Floats, Switches - Septic Tanks	11/19/20	136715	739.23
PAYMENTUS GROUP INC	Payment Processing 10/20	11/19/20	136716	5,868.40
PAYMENTUS GROUP INC	Payment Processing 10/20	11/19/20	136716	3,023.12
POTRERO HILLS LANDFILL	Bio-Solids Disposal - LCWWTP	11/04/20	136607	246.33
POTRERO HILLS LANDFILL	Bio-Solids Disposal - FMWWTP	11/04/20	136607	314.40
POTRERO HILLS LANDFILL	Bio-Solids Disposal - FMWWTP	11/04/20	136607	271.80
POTRERO HILLS LANDFILL	Bio-Solids Disposal - FMWWTP	11/19/20	136718	228.00
POTRERO HILLS LANDFILL	Bio-Solids Disposal - AWWTP	11/19/20	136718	225.86
POWERPLAN PAPE KENWORTH	New Dump Truck/Heavy Equipment Replacement - Construction	11/04/20	136605	62,442.24
POWERPLAN PAPE KENWORTH	New Dump Truck/Heavy Equipment Replacement - Construction	11/04/20	136605	92.36
POWERPLAN PAPE KENWORTH	New Dump Truck/Heavy Equipment Replacement - Construction	11/04/20	136605	35,123.76
POWERPLAN PAPE KENWORTH	New Dump Truck/Heavy Equipment Replacement - Construction	11/04/20	136605	51.95
QUADIENT FINANCE INC	Postage 09/20	11/04/20	136608	730.00
QUADIENT FINANCE INC	Postage 09/20	11/04/20	136608	270.00
RYAN PROCESS, INC	100 Gal Tank - JL Pretreatment	11/12/20	136656	857.53
SAFETY PROVISIONS INC	Backhoe Loader Online Course - Darby	11/12/20	136657	79.00
SCOTT RATTERMAN	Travel 11/20	11/19/20	136719	2.95
SCOTT RATTERMAN	Travel 11/20	11/19/20	136719	1.08
SEIU LOCAL 1021	COPE Donation 10/20	11/04/20	136609	36.65
SEIU LOCAL 1021	Union Dues 10/20	11/04/20	136609	2,006.66
SEIU LOCAL 1021	COPE Donation 10/20	11/04/20	136609	13.55
SEIU LOCAL 1021	Union Dues 10/20	11/04/20	136609	742.18
SENDERS MARKET INC	Towels, Penetrating Oil, Cleaner - SA Shop	11/19/20	136722	19.00
SENDERS MARKET INC	Folding Stool, Knee Cushion - SA Shop	11/19/20	136722	28.94
SENDERS MARKET INC	Coffee Brewer - SA Shop	11/19/20	136722	105.10
SENDERS MARKET INC	Cleaners, Coffee, Mop Handle - SA Shop	11/19/20	136722	29.92

CCWD
AP DISBURSEMENTS
November 1-30, 2020

SENDERS MARKET INC	Light Bulbs, Cleaners - SA Shop	11/19/20	136722	25.93
SENDERS MARKET INC	Fasteners - LC Whse	11/19/20	136722	13.07
SENDERS MARKET INC	Wire, Spray Paint - JLTWP	11/19/20	136722	40.94
SENDERS MARKET INC	Plastic Bags, Adapters - LCWWTP	11/19/20	136722	30.08
SENDERS MARKET INC	Adapter - LCWWTP	11/19/20	136722	16.40
SENDERS MARKET INC	Mattocks, Shovels - LCWWTP	11/19/20	136722	221.90
SENDERS MARKET INC	Copper Tubing - LCWWTP	11/19/20	136722	15.01
SIERRA JANITORIAL SUPPLY	Janitorial Supplies - OP HQ	11/19/20	136723	390.45
SIERRA JANITORIAL SUPPLY	Janitorial Supplies - OP HQ	11/19/20	136723	144.41
SIMPLE SOLUTIONS DISTRIBUTING LLC	Motor Blower, Barrel - DF VCTO	11/12/20	136660	(289.93)
SIMPLE SOLUTIONS DISTRIBUTING LLC	Motor Blower, Barrel - DF VCTO	11/12/20	136660	4,648.93
SMARTSHEET INC	Business Plan/ Pro Support 10/30/20 - 10/29/21	11/12/20	136661	4,337.07
SMARTSHEET INC	Business Plan/ Pro Support 10/30/20 - 10/29/21	11/12/20	136661	1,604.12
SWRCB	Water Distribution Grade 2 Renewal - Hibbard	11/04/20	136611	60.00
SWRCB	Waste Water Operator Grade 2 Exam - Hibbard	11/04/20	136610	155.00
SWRCB	Water Distribution Grade 2 Renewal - Kinney	11/12/20	136663	80.00
SWRCB	T5 Water Operator Certificate - Wyckoff	11/19/20	136725	140.00
TIFCO INDUSTRIES	Cut-Off Wheels - SA Shop	11/04/20	136612	353.28
TIFCO INDUSTRIES	Tie Wrap Set - SA Shop	11/04/20	136612	214.45
TIFCO INDUSTRIES	Heat Gun Kit - SA Shop	11/04/20	136612	534.46
TOM BORDEAU	UB Refund 2134 Blake Lane	11/12/20	136623	359.04
TREATS GENERAL STORE INC	Cleaning Supplies - OP HQ	11/04/20	136613	12.27
TREATS GENERAL STORE INC	BOD Meeting Supplies 10/14/2020	11/04/20	136613	5.68
TREATS GENERAL STORE INC	Cleaning Supplies - OP HQ	11/04/20	136613	4.53
TREATS GENERAL STORE INC	BOD Meeting Supplies 10/14/2020	11/04/20	136613	2.10
U.S. BANK	4GB Memory for Tony B. LT	11/02/20	136614	32.70
U.S. BANK	2) HP Officejet 9015's - WPMaint, Stock	11/02/20	136614	291.17
U.S. BANK	4GB Memory for Tony B. LT	11/02/20	136614	12.10
U.S. BANK	2) HP Officejet 9015's - WPMaint, Stock	11/02/20	136614	107.69
U.S. BANK	SS Comp Fittings - LCWTP	11/03/20	136614	(54.92)
U.S. BANK	UPUD 005202-000 DF VCTO 10/20	11/03/20	136614	67.00
U.S. BANK	UPUD 005202-001 Vallecito 10/20	11/03/20	136614	67.00
U.S. BANK	UPUD 005202-002 Six Mile Village 10/20	11/03/20	136614	67.00
U.S. BANK	City of Angels Camp 005422-000 10/20 Six Mile Village	11/03/20	136614	3,664.14
U.S. BANK	AT&T 23584106903335 Leased Lines 10/20	11/03/20	136614	66.19
U.S. BANK	Volcano 2092937191 SCADA Phone WPWTP 10/20	11/03/20	136614	288.21
U.S. BANK	Volcano 2092933439 Fax WPWTP 10/20	11/03/20	136614	53.86
U.S. BANK	Volcano 2092931357 Phone WPWTP 10/20	11/03/20	136614	53.86
U.S. BANK	AT&T 829405287 Sheep Ranch 10/20	11/03/20	136614	83.44
U.S. BANK	Comcast 8155600640426741 JLTWP 10/20	11/03/20	136614	154.69
U.S. BANK	AT&T 129469186 LC Internet Service 10/20	11/03/20	136614	53.50
U.S. BANK	Volcano 2092931433 Phone WPWWTP 10/20	11/03/20	136614	164.31
U.S. BANK	Comcast 8155600640236066 DF VCTO 10/20	11/03/20	136614	114.69
U.S. BANK	Phone Chargers, Mouse Pad - Purchasing Agent	11/03/20	136614	28.13
U.S. BANK	Winch, Hooks - V 121	11/03/20	136614	157.27
U.S. BANK	Headset, Phone Screen - Engineer Tech	11/03/20	136614	33.46

CCWD
AP DISBURSEMENTS
November 1-30, 2020

U.S. BANK	Alhambra 2765848494246 JLWTP 10/20	11/03/20	136614	35.22
U.S. BANK	Tractor Supply - Employee Relations	11/03/20	136614	78.65
U.S. BANK	JB Awards - Employee Relations	11/03/20	136614	21.90
U.S. BANK	Headset, Phone Screen - Engineer Tech	11/03/20	136614	12.37
U.S. BANK	Alhambra 27658486819290 LCWWTP 10/20	11/03/20	136614	133.49
U.S. BANK	JB Awards - Employee Relations	11/03/20	136614	8.10
U.S. BANK	Tractor Supply - Employee Relations	11/03/20	136614	29.09
U.S. BANK	Face Coverings - District Use	11/03/20	136614	78.04
U.S. BANK	Auto Dialer Phones (3) - Electricians	11/03/20	136614	35.72
U.S. BANK	Auto Dialer Phones (3) - Electricians	11/03/20	136614	20.08
U.S. BANK	Ameripride 110003893 SA Shop 10/20	11/03/20	136614	164.88
U.S. BANK	Ameripride 110002012 Copper 10/20	11/03/20	136614	151.91
U.S. BANK	Ameripride 110002009 District Wide 10/20	11/03/20	136614	1,070.71
U.S. BANK	Ameripride 110003893 SA Shop 10/20	11/03/20	136614	92.74
U.S. BANK	Ameripride 110002012 Copper 10/20	11/03/20	136614	85.44
U.S. BANK	Ameripride 110002009 District Wide 10/20	11/03/20	136614	602.27
U.S. BANK	SS Comp Fittings - LCWTP	11/03/20	136614	899.39
U.S. BANK	Microsoft Monthly License Fee 10/20	11/03/20	136614	9.13
U.S. BANK	Microsoft Monthly License Fee 10/20	11/03/20	136614	3.37
U.S. BANK	Battery - V 715	11/03/20	136614	133.27
U.S. BANK	Engine Computer - V 130	11/03/20	136614	257.40
U.S. BANK	Fuel Shut Off Solenoid - C Tank Generator	11/03/20	136614	31.09
U.S. BANK	ACWA Virtual Event - Burkhardt	11/03/20	136614	100.00
U.S. BANK	ACWA Virtual Event - Wycoff	11/03/20	136614	100.00
U.S. BANK	AWCA Regions 1-4 Event - Thomas	11/03/20	136614	100.00
U.S. BANK	ACWA Fall Conference - Underhill	11/03/20	136614	375.00
U.S. BANK	ACWA Region 3 Event - Underhill	11/03/20	136614	35.00
U.S. BANK	AWCA Region 3 Event - Ratterman	11/03/20	136614	35.00
U.S. BANK	AWCA Regions 1-4 Event - Secada	11/03/20	136614	100.00
U.S. BANK	Sewer & Stormwater Virtual Summitt - Wiebe	11/03/20	136614	50.00
U.S. BANK	Sewer & Stormwater Virtual Summitt - Scott	11/03/20	136614	50.00
U.S. BANK	O&M Collection Systems Education Materials- Wiebe & Scott	11/03/20	136614	313.05
U.S. BANK	Stormwater Permit - Reach 1 EP	11/03/20	136614	462.00
U.S. BANK	Stormwater Permit Processing Fee - Reach 1 EP	11/03/20	136614	10.63
U.S. BANK	Retrofit Truck Body - V 128B	11/03/20	136614	4,955.54
U.S. BANK	Retrofit Truck Body - V 128B	11/03/20	136614	2,787.49
UNITED PARCEL SERVICE	Shipping Week End 10/17	11/04/20	136615	21.17
UNITED PARCEL SERVICE	Shipping Week End 10/17	11/04/20	136615	7.83
UNITED PARCEL SERVICE	Shipping Week End 10/24	11/12/20	136664	21.17
UNITED PARCEL SERVICE	Shipping Week End 10/24	11/12/20	136664	7.83
UNITED PARCEL SERVICE	Shipping Week End 10/31	11/19/20	136727	21.17
UNITED PARCEL SERVICE	Shipping Week End 11/07	11/19/20	136727	62.69
UNITED PARCEL SERVICE	Shipping Week End 10/31	11/19/20	136727	7.83
UNITED PARCEL SERVICE	Shipping Week End 11/07	11/19/20	136727	23.18
UNITED RENTALS NORTHWEST, INC	Concrete Saw Rental - LC Whse	11/12/20	136665	164.10
US BANK CORP TRUST SVCS	Fiscal Agent Agreement Fly In Acres Acct#206434000	11/19/20	136728	2,400.00

CCWD
AP DISBURSEMENTS
November 1-30, 2020

USA BLUE BOOK	Reagents, Sample Cells - JLWTP	11/04/20	136616	417.36
USA BLUE BOOK	Hydrant Thumper - CC Whse	11/12/20	136666	958.29
USA BLUE BOOK	Colorimeters, Sample Kits - Burkhardt, Wyckoff	11/12/20	136666	1,110.72
USDA FOREST SERVICE	Land Use Fee 2020 EP Water System (0003294603) 01/2021 -12/2021	11/12/20	136667	810.35
UTICA WATER & POWER AUTHORITY	Anchors, Adhesive, Connectors, Metal - Big Trees 1 Antenna	11/19/20	136729	256.97
VALIC	Deferred Comp Disb 10/31/20 Payroll	11/02/20	EFT	1,255.70
VALIC	Deferred Comp Disb 10/31/20 Payroll	11/02/20	EFT	464.44
VALIC	Deferred Comp Disb 11/15/20	11/18/20	EFT	1,247.86
VALIC	Deferred Comp Disb 11/15/20	11/18/20	EFT	461.54
VALLEY SPRINGS FEED INC	Propane - JLWTP Forklift	11/12/20	136668	20.53
VALLEY SPRINGS NEWS	Notice Of Bid - Wallace Treatment Plant Reno	11/19/20	136730	156.00
VEOLIA WATER TECHNOLOGIES, INC.	Polymer - JLWTP	11/19/20	136731	1,554.05
VERIFIED FIRST, LLC	New Hire Background Investigation	11/04/20	136617	26.65
VERIFIED FIRST, LLC	New Hire Background Investigation	11/04/20	136617	9.85
VOYA FINANCIAL	Deferred Comp Disb 10/31/20 Payroll	11/02/20	EFT	1,466.28
VOYA FINANCIAL	Deferred Comp Disb 10/31/20 Payroll	11/02/20	EFT	542.32
VOYA FINANCIAL	Deferred Comp Disb 11/15/20	11/18/20	EFT	1,466.28
VOYA FINANCIAL	Deferred Comp Disb 11/15/20	11/18/20	EFT	542.32
WAGeworks	FSA Admin 10/20 Act#2052567	11/19/20	136732	153.30
WAGeworks	FSA Admin 10/20 Act#2052567	11/19/20	136732	56.70
WECO INDUSTRIES	Hydrotrailer Replaced Hughes Pump - Collections Crew	11/04/20	136618	18,025.94
WECO INDUSTRIES	Push Camera Repair - Collections Crew	11/12/20	136669	178.03
WELLS FARGO CORP TRUST SVC	Corporate Trust Services Acct#12751800 07/01/20 - 09/30/20	11/12/20	136670	684.38
WELLS FARGO CORP TRUST SVC	Corporate Trust Services Acct#12751800 07/01/20 - 09/30/20	11/12/20	136670	253.12
WELLS FARGO CORP TRUST SVC	Corporate Trust Services Acct#12751800 10/01/20 - 12/31/20	11/19/20	136734	684.38
WELLS FARGO CORP TRUST SVC	Corporate Trust Services Acct#12751800 10/01/20 - 12/31/20	11/19/20	136734	253.12
WEST POINT LUMBER INC	Clevis Pins - G 05	11/19/20	136735	18.43
WEST POINT LUMBER INC	DEF - Transfer Rental Acorn Way Road Repair	11/19/20	136735	32.15
WESTERN HYDROLOGICS	Gage Maintenance White Pines 10/20	11/19/20	136736	1,516.98
WESTERN HYDROLOGICS	Consulting Services - Slurry Line 06/20	11/19/20	136736	2,100.00
WEX BANK	Fuel 10/20 Acct#0405006119531	11/10/20	EFT	11,059.40
WEX BANK	Fuel 10/20 Acct#0405006119531	11/10/20	EFT	6,220.90
WIENHOFF DRUG TESTING	Annual Consortium Membership	11/19/20	136737	1,168.00
WIENHOFF DRUG TESTING	Annual Consortium Membership	11/19/20	136737	432.00
YOUNG'S COPPER ACE HARDWARE	Concrete, Lumber, Chain, Files, Lubricant, Cleaners - CC	11/12/20	136671	230.25
Total AP Payments NOVEMBER 2020				1,409,894.89

RESOLUTION NO. 2020-

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

RATIFYING CLAIM SUMMARY NO. 585

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT has reviewed and considered Claim Summary Number 585 at the Regular Meeting held on December 9, 2020; 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 585 in the amount of \$1,932,618.87 for the month of November 2020.

PASSED AND ADOPTED this 9th day of December, 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: December 9, 2020
TO: Michael Minkler, General Manager
FROM: Rebecca Callen, Director of Administrative Services
SUBJECT: Report on the Monthly Investment Transactions for November 2020

RECOMMENDED ACTION:

For information only.

SUMMARY:

Per the District's Investment Policy, Staff will report on a monthly basis the investment activity for the preceding month. During the month of November 2020, the following investment transactions occurred.

TRANSACTION DESCRIPTION	OCTOBER	NOVEMBER	DATE
Transfer funds from LAIF to the District's Operating Account	1,000,000.00	-0-	-
Interest received on LAIF (July-Sept)	72,003.45	-0-	-
Interest received on the Wells Fargo Money Market Investment Account	-0-	.01	11/02/2020
Interest received on the Umpqua Bank Money Market Investment Account	34.79	33.67	11/30/2020

Interest rates continue to decline and staff is working with Chandler Asset Management on an investment plan. Staff monitors cash flow to ensure operational needs are met and excess funds are invested.

Attachment: Investment Activity Report for November 2020

**CALAVERAS COUNTY WATER DISTRICT
INVESTMENT ACTIVITY ENTRY
FOR THE MONTH ENDING NOVEMBER 30, 2020**

INVESTMENT TRUSTEE/TYPE	MARKET VALUE	INVESTMENT COST		CPN RATE	INVESTMENT DATE	MATURITY DATE	CM INTEREST RECVD
		COST	PAR (PRINC)				
Wells Fargo Money Market	1,150.89	1,150.89	1,150.89	0.010%	ongoing	n/a	0.01
Umpqua Bank Money Market	819,395.17	819,395.17	819,395.17	0.050%	06/14/07	n/a	33.67
Local Agency Investment Fund	32,293,409.65	32,293,409.65	32,293,409.65	0.570% *	ongoing	n/a	-
Totals	33,113,955.71	33,113,955.71	33,113,955.71				33.68

Current Month Transactions:	Date	Amount
Interest received on the Wells Fargo Money Market Investment Account	11/2/2020	0.01
Interest received on the Umpqua Bank Money Market Investment Account	11/30/2020	33.67

*AS OF 11/25/20

Agenda Item

DATE: December 9, 2020
TO: Michael Minkler, General Manager
FROM: Rebecca Callen, Director of Administrative Services
SUBJECT: Discussion/Action Amending the Fiscal Year 2020-21 Personnel Allocation

RECOMMENDED ACTION:

Motion: _____/_____ adopting Resolution No. 2020 - ____ amending Fiscal Year 2020-21 Personnel Allocation

SUMMARY:

As part of the Fiscal Year 2020-21 Budget Hearings, and proposal, staff proposed to build a succession plan on certain positions to allow for necessary training and coverage in critical positions. Positions were added to the Treatment Plant Operator (TPO) and Accountant Classifications to allow for a temporary increase until the incumbents retired.

A Senior TPO retired unexpectedly in October and since then the additional TPO position has remained vacant. Another TPO has since left CCWD for a different job and the District is currently trying to fill that vacancy as quickly as possible. These vacancies among the TPOs put a strain on the remaining staff and creates the same succession planning problem the District faced at the time the budget was adopted in June, 2020. The vacancies also create flexibility in the budget to offset the cost of keeping the TPO allocation at its current level. With approval of this Personnel Allocation amendment, the Board would reauthorize the additional TPO position until such time as the next TPO retirement occurs, which is expected within the next year or two. This would enable staff to fill both existing vacancies to address immediate needs and provide for training to occur before the next retirement.

The District is faced with another critical area of concern with the Mechanic classification. The District's Senior Mechanic recently retired. His last day of work was in October, although he is technically on PTO until the end of December. An existing employee was promoted to fill that position and a new mechanic has been hired to fill the current vacancy starting in mid-December. An increase in the number of Mechanics is needed to allow for the two-week overlap of the Senior Mechanic and the newest hire. Since then, another Mechanic has announced his retirement. His last day of work will be in February, although he will be on PTO until June. Management would like to keep the increased allocation

among the mechanics to allow for overlap between another new hire and the outgoing Mechanic. Accordingly, staff propose a temporary increase in the Mechanic Personnel Allocation from 3 to 4, until the end of FY 20/21. The allocation will be reduced to 3 Mechanics in the FY 21/22 budget.

Additionally, due to staff changes within the Engineering department management also proposes a personnel allocation amendment to increase the number of Civil Engineers from 2 to 3, until an Engineer leaves the District unless otherwise approved by the Board at that time. The current and immediate future workload of the Engineering Department can support three Civil Engineers plus a District Engineer and staff believe much of the cost of an additional engineer can be offset by reduced utilization of consultants for design and construction management work.

Lastly, when preparing this update, it was discovered the Electrical/SCADA department job classification were never updated per the SEIU Local 1021 wage schedule which was updated in 2019. There is no personnel change with this action nor any financial impact, it is merely a clerical correction.

FINANCIAL CONSIDERATIONS:

The additional TPO position was already included in the budget and has been vacant for several months. A second TPO position has been vacant for several weeks and will likely not be filled before January. The vacancies create savings in the budget even if both vacancies are filled in January.

The additional Mechanic was not initially budgeted for, but staff believe the additional cost will be offset by the TPO vacancies, as well as delays in filling vacancies in other departments.

There is an increased budgetary impact for the Engineering department. The net increase to the 2020-21 Fiscal Year Budget should not exceed \$80,000 and, depending on the timing of implementing these changes, could be significantly less. Staff is not seeking a budget amendment until the fiscal impact is determined. Staff believe the additional cost can be offset by reduced use of consultants over the next two years, but a budget increase for this position in the short term may be appropriate.

*Attachments: Personnel Allocation Fiscal Year 2020-21
Resolution 2020-__ Amending Personnel Allocation*

Calaveras County Water District
PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2018 - 2021

	Adopted 2018-19	Adopted 2019-20	Amended 2019-20	Adopted 2020-21
Utility Services				
Director of Operations	1.00	1.00	1.00	1.00
Plant Operations Manager	1.00	1.00	1.00	1.00
Construction and Maintenance Manager				1.00 (13)
Operations, Senior Supervisor	1.00	1.00	4.00 (11)	4.00
Water/Wastewater Plant Operator OIT/I/II/III/Sr	12.00	12.00	10.00 (12)	10.00
Construction/Inspection I/II/III/Sr	- (2)	-	-	-
Construction Worker I/II/III/Sr	3.00	7.00 (6)	7.00	7.00
Electrical/SCADA Senior Supervisor	1.00	1.00	1.00	1.00
SCADA Technician I/Sr	2.00	2.00	2.00	2.00
Electrical/Instrumentation Technician I/II/Sr	2.00	1.00 (8)	1.00	1.00
Facilities Maintenance Worker	-	1.00 (9)	1.00	1.00
Mechanic I/II/Sr	3.00	3.00	3.00	3.00
Collection System Worker I/II/III/IV/Sr	5.00	5.00	5.00	5.00
Distribution Worker I/II/III/Sr	10.00	7.00 (6/7)	7.00	7.00
Meter Reader Trainee/I/II	2.00	2.00	2.00	2.00
Purchasing Agent	-	1.00 (8)	1.00	1.00
Administrative Technician I/II/Senior	1.00	1.00	1.00	1.00
Total - Utility Services	44.00	46.00	47.00	48.00
General Management				
General Manager	1.00	1.00	1.00	1.00
Executive Assistant	1.00	1.00	1.00	1.00
Manager of Human Resources	-	1.00 (4)	1.00	1.00
Director of Human Resources/Customer Service	1.00	- (4)	-	-
Human Resources Technician	1.00	1.00	1.00	1.00
Total - General Management	4.00	4.00	4.00	4.00
Engineering/Technical Services				
District Engineer	1.00	1.00	1.00	1.00
Senior Civil Engineer	1.00	1.00	1.00	1.00
Civil Engineer	-	1.00 (3)	1.00	1.00
Construction Inspector I/II/III/Sr	2.00 (2)	2.00	1.00 (7)	1.00
Engineering Analyst	1.00	1.00	1.00 (10)	- (14)
Engineering Coordinator				1.00 (14)
Engineering Technician I/II/Sr	1.00	1.00	1.00 (10)	1.00 (14)
Administrative Technician I/II/Sr	1.00	1.00	1.00	- (14)
Total - Engineering/Technical Services	7.00	8.00	7.00	6.00
Administrative Services				
Director of Administrative Services	1.00	1.00	1.00	1.00

Calaveras County Water District
PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2018 - 2021

	Adopted 2018-19	Adopted 2019-20	Amended 2019-20	Adopted 2020-21	
Accountant I/II	2.00	2.00	2.00	2.00	(15)
Accounting Technician I/II	(1) -	-	-	1.00	(15)
Manager of External Affairs	-	1.00 (5)	1.00	1.00	
Customer Service Representative I/II/III/Sr	3.00	3.00	3.00	3.00	
Facilities Maintenance Worker	1.00	1.00	- (9)	-	
Information System Administrator	1.00	1.00	1.00	1.00	
Total - Administrative Services	8.00	9.00	8.00	9.00	
Water Resources					
Manager of Water Resources	1.00	1.00	1.00	1.00	
Manager Ex Affairs, Conservation & Grants I/II	1.00	- (5)	-	-	
Total - Water Resources	2.00	1.00	1.00	1.00	
Total - Personnel Allocation	65.00	68.00	67.00	68.00	

Notes

FY 2017-18

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

FY 2018-19

- (2) Moved 2.0 FTE Construction Inspector I/II/III/Sr from Utilities to Engineering/Technical Services
- (3) Added 1.0 FTE Civil Engineer in Engineering/Technical Services
- (4) Deleted 1.0 FTE Director of Human Resources/Customer Service and added 1.0 FTE Manager of Human Resources
- (5) Deleted 1.0 FTE PIO/Community Relations Manager and added 1.0 FTE Manager of External Affairs

FY 2019-20

- (6) Reclassed 4.0 FTE Distribution Worker I/II/III/Sr in Utilities to 4.0 FTE Construction Worker I/II/III/Sr
- (7) Moved 1.0 FTE Construction Inspector I/II/III/Sr from Engineering/Technical Services to Utilities and reclassified position to 1.0 FTE Distribution Worker I/II/III/Sr
- (8) Deleted 1.0 FTE Electrician/II/Sr in Utilities and added 1.0 FTE Purchasing Agent in Utilities
- (9) Moved 1.0 FTE Facilities Maintenance Worker from Administrative Services to Utilities
- (10) Deleted 1.0 FTE Engineering Analyst and added 1.0 FTE Engineering Technician I/II/Sr
- (11) Deleted 3.0 FTE Water/Wastewater Plant Operator OIT/I/II/III/Sr and added 3.0 FTE Operations Senior Supervisor 12/16/19
- (12) Add 1.0 FTE Water/Wastewater Plant Operator OIT/I/II/III/Sr 6/10/20

FY 2020-21

- (13) Add 1.0 FTE Construction and Maintenance Mgr 6/24/20
- (14) Removed 1.0 FTE Engineering Analyst and 1.0 FTE Admin Technician, add 1.0 FTE Engineering Coordinator
- (15) Reclass 1.0 FTE Accounting I to 1.0 FTE Accounting Technician
- (15) Add 1.0 FTE Accountant II

RESOLUTION NO. 2020-__

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT TO AMEND THE FISCAL YEAR 2020-21
PERSONNEL ALLOCATION**

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2020-44 on June 24, 2020 approving Fiscal Year 2020-21 Operating Budget in the amount of \$21,751,069; and

WHEREAS, the Board of Directors also adopted Resolution 2020-45 on June 24, 2020 approving the Fiscal Year 2020-21 Personnel Allocation; and

WHEREAS, the Board of Directors of the Calaveras County Water District does hereby find that it is in the best interest of the District to amend the adopted FY 2020-21 Personnel Allocation Budget accordingly, effective December 9, 2020.

NOW, THEREFORE BE IT RESOLVED, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT authorizes an amendment to the Fiscal Year 2020-21 Personnel Allocation, attached hereto and made a part hereof, is hereby approved and adopted.

PASSED AND ADOPTED this 9th day of December 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: December 9, 2020

TO: Michael Minkler, General Manager

FROM: Rebecca Hitchcock, Clerk to the Board

SUBJECT: Approval of Purchase of an Orenco Pod System for the Indian Rock Wastewater Treatment Facility- CIP Project #15098

RECOMMENDED ACTION:

Motion: _____/_____ by Minute Entry to approve the purchase and installation of an Orenco Pod Treatment System and associated appurtenances for the Indian Rock Wastewater Treatment Facility.

SUMMARY:

The District allocated two-hundred thousand dollars to rehabilitate the existing recirculating gravel-bed filters (filters) at the Indian Rock Wastewater Treatment Facility near Murphys. Over time, the filters and their inspection ports have become clogged with organic material resulting in inefficient treatment of the waste stream and considerable work associated with cleaning the filters. Moreover, the lining of the filters are damaged allowing inflow and infiltration (I&I) of groundwater into the filters. Given this fact, when operating properly, the Indian Rock Treatment System ends up needlessly treating considerable amounts of groundwater.

The initial plan to restore the effective operation of the Indian Rock Wastewater Treatment Plant included rehabilitation of the existing filters. Upon further analysis, staff found the implementation of the above-ground Orenco Pod Filter System eliminates I&I, is cost-effective, and provides greater operational flexibility long-term than the recirculating gravel bed filters.

Field Staff toured a similar wastewater facility that installed Orenco Pods to replace failing recirculating gravel bed filters. Wastewater Treatment staff at the treatment plant had nothing but great things to say about the effectiveness and ease of operation of the Orenco filtration system. The waste stream effluent water quality data from their system also proved the Orenco System's effectiveness.

Operations and Engineering staff worked together along with a Consulting Engineer to design the layout for the system, confirm the necessary components, verify the electrical requirements, and create a plan for installation.

FINANCIAL CONSIDERATIONS:

Two-hundred thousand dollars is allocated in the 2020/21 Fiscal Year Capital Improvement Plan for this project. The quote for the purchase of Orenco equipment (attached) is \$110,741.17. The quote, coupled with electrical components, standby generators, nominal piping, and District Field Crew labor for installation equates to a conservative project cost estimate of \$196,741.17

Attachments: Pace Supply Quote



PACE SUPPLY CORP
 3033 DUTTON AVE.
 SANTA ROSA CA 95407
 PHONE#: 707-545-7101

* * Q U O T A T I O N * *

TO: CALAVERAS COUNTY WATER DIST
 P O BOX 846
 SAN ANDREAS , CA 95249

DATE: 11/05/20 NO. 1157712
 TO DATE: 12/05/20
 JOB: INDIAN ROCK SUBDIVIS

FOB: DELIVERED, CUSTOMER TO

PREP. BY CHRIS HARTMAN
 REQ. BY

WE ARE PLEASED TO QUOTE YOU ON THE FOLLOWING MATERIAL

PAGE: 1

Qty	Part Number	Description	Price... Extended
1		====> ORENCO ADVANTEX TREATMENT EQUIPMENT	
2	OSIAX100P	ADVANTEX AX100 POD W/4"PASSIVE VE	
4	OSIAX100VENT	VENT FOR AX100 POD ORENCO	
4	OSIPVU681819L	UNIVERSAL PUMP VAULT 68" BLUE ORE	
4	OSIPF500511	EFFLUENT PUMP 50GPM 1/2HP 115V OR	
4	OSIPF200511	EFFLUENT PUMP 20GPM 1/2HP 115V OR	
4	OSIHV200BCPRX	HOSE & VALVE ASSY 2" HIGH PRESSUR	
4	OSIHV125BCPRX	HOSE & VALVE ASSY 1-1/4" HIGH PRE	
14	OSIMF1P10	P SIGNAL FLOAT SWITCH N/O 10' COR	
14	OSIMFCOLLAR1	ADJUSTABLE FLOAT COLLAR 1" ORENCO	
4	OSIFS39	FLOAT STEM 39" ORENCO	
8	OSISBEX1	EXTERNAL SPLICE BOX 1-4 CORD GRIP	
4	OSIG2L	PIPE GROMMET 2" ORENCO	
4	OSIG125L	PIPE GROMMET 1-1/4" ORENCO	
2	OSIMM4-FRP	FLOAT BALL SPLITTER VALVE 4" OREN	
2	XXX	TCOM-DAX/DAX1 PTRO/RO	
1	OSINPOM-ELECTRONIC	ELECTRONIC MANUAL ADVANTEX ORENCO	
1	OSINP-STARTUP-ENG	ORENCO COMMERCIAL ADVANTEX START	
2	OSIT1500-23-20/22-	1500GAL 2-COMP FIBERGLASS PUMP TA	
4	OSIRR2436	PVC ACCESS RISER 24"ID*36" ORENCO	
4	OSIFL24G	FIBERGLASS RISER LID 24" W/GASKET	
4	OSIMA320	EPOXY KIT 200G BAG ORENCO	
			----- 98068.20
2		====> FREIGHT/DELIVERY	
1	XXX	FREIGHT/DELIVERY OF ORENCO COMPONENTS	
			----- 3529.20
		SUBTOTAL	101597.40



PAGE: 2

Qty	Part Number	Description	Price...	Extended
		ESTIMATED TAX		9143.77
		QUOTATION TOTALS		110741.17

Agenda Item

DATE: December 9, 2020

TO: Michael Minkler, General Manager

FROM: Rebecca Callen, Director of Administrative Services

SUBJECT: Report on the Write-Off of Uncollectible Accounts Receivable for the period of June 1, 2020 through November 30, 2020

RECOMMENDED ACTION:

For information only.

SUMMARY:

Financial Management Policy No. 5.05, "Uncollectible Accounts Receivable," provides authorization and guidelines for the write-off of individual accounts receivable that are not deemed bona fide, or valid. Per policy, any uncollectible account in excess of \$2,500 must have the approval of the Board of Directors. All uncollectible accounts receivable that are written-off will be reported to the Board of Directors on a semi-annual basis.

During the reporting period of June 1, 2020 through November 30, 2020 there are no uncollectible accounts receivable in excess of \$2,500. Attachment A lists the uncollectible accounts receivable customers with balances under the \$2,500 threshold for the subject reporting period totaling \$17,599.96.

All bad debt accounts that are not written off due to bankruptcy are placed with a local collection agency in the absence of other remedies. Debt recovery received during the period totaled \$2,150.44.

FINANCIAL CONSIDERATIONS:

The write-off of these accounts would result in a reduction in current assets in the amount of \$17,599.96 and more fairly present the District's financial position.

*Attachments: Financial Management Policy No. 5.05, Uncollectible Accounts Receivable
Attachment A, Accounts Receivable Write Offs Less Than \$2,500*

5.05.1 Purpose

To provide authorization and guidelines for the write-off of uncollectible accounts receivable.

5.05.2 Policy

The Director of Administrative Services may write off uncollectible accounts receivable that do not exceed \$2,500 (per customer account) after review and written concurrence by the General Manager that such accounts are uncollectible. If the amount in question exceeds \$2,500, the proposed write-off must have the approval of the Board of Directors. All uncollectible accounts receivable write-offs will be reported to the Board of Directors on a semi-annual basis.

5.05.3 General Provisions

On occasion, certain accounts receivable due and owing Calaveras County Water District become uncollectible after all reasonable effort is expended to effect collection. There are also situations where accounts are such a size that more money would be expended to collect the debt itself. The Director of Administrative Services for Calaveras County Water District is in a position to thoroughly evaluate the feasibility of collecting past due accounts and to make a decision as to whether to further the effort.

Attachment A
 Calaveras County Water District
 Uncollectible Accounts Receivable
 For the Period of June 1, 2020 through November 30, 2020

Accounts Receivable Write Offs Less than \$2,500

ACCOUNT NO.	SEWER	WATER	TOTAL
027989-000	1,129.10	779.74	1,908.84
040704-000	1,473.40	-	1,473.40
041762-000	672.56	456.94	1,129.50
027308-000	552.32	442.75	995.07
037350-000	508.65	400.74	909.39
040735-000	-	794.72	794.72
039842-000	393.94	279.52	673.46
040666-000	348.42	255.01	603.43
040693-000	336.56	217.03	553.59
041190-000	-	506.97	506.97
028178-000	287.08	189.75	476.83
041850-000	-	472.98	472.98
040050-000	-	405.71	405.71
003962-000	212.18	132.35	344.53
039817-000	199.72	131.85	331.57
005786-000	178.01	127.56	305.57
040560-000	171.63	129.49	301.12
039211-000	181.79	112.75	294.54
035178-000	168.51	120.19	288.70
035920-000	-	283.24	283.24
036483-000	-	278.23	278.23
038416-000	-	270.56	270.56
035664-000	-	264.96	264.96
041007-000	152.58	101.04	253.62
041262-000	-	245.17	245.17
011686-000	-	221.26	221.26
039611-000	110.38	108.14	218.52
008186-000	212.18	-	212.18
039092-000	-	193.95	193.95
036741-000	-	188.44	188.44
030853-000	104.25	79.91	184.16
022828-000	-	172.04	172.04
030148-000	-	162.76	162.76
006881-000	-	156.30	156.30
038962-000	-	154.52	154.52
025501-000	-	151.39	151.39
000000-705	-	130.00	130.00
002464-000	-	114.41	114.41
035680-000	-	110.20	110.20
039082-000	-	108.24	108.24
034851-000	-	101.20	101.20
013937-000	-	98.66	98.66
026278-000	59.30	36.39	95.69
001281-000	-	85.95	85.95
040981-000	-	83.52	83.52
000000-702	-	80.00	80.00
040994-000	-	62.83	62.83
041002-000	25.83	17.66	43.49
020383-000	-	34.98	34.98
037617-000	-	19.89	19.89
034091-000	-	9.68	9.68
TOTAL	7,478.39	10,081.57	17,559.96

Agenda Item

DATE: December 9, 2020

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Discussion/Action to amend Ordinance No. 2006-03 Revising Schedule B Special Services and Charges

RECOMMENDED ACTION:

Motion: _____/_____ Adopting Ordinance 2020-__-Amending Ordinance No. 2006 – 03 Setting and Revising Charges for Special Services, Schedule B, Special Services Fees and Charges, to include Flat Rates for 5/8” and 1” Meter Installations

SUMMARY:

Staff presented flat rate options for water meter installations at the September 9th and November 3rd Engineering Committee Meetings. Flat rate options were considered for 1” meter installations, to upsize from 5/8” to 1”, and for 1” service lateral installations. A flat rate cost already exists (currently \$464.00) for 5/8” meter installations. After discussion and review the Engineering Committee agreed with the determination to proceed with updating 5/8” meter sets developing flat rate 1” meter set costs for the Board’s consideration to replace cost estimates for meter installations but not for 1” service lateral installs.

Fixed costs for routine work efforts such as 5/8” and 1” meter installations streamline work efforts and improve the time frame in which the requested work can be completed. Fixed costs for routine work benefit both the Customer Service Department and the rate payer.

The current protocol for 1” meter installations requires a customer to submit a request for a meter to be set to the Customer Service Department. The Customer Service Department then issues a Service Request to Distribution Field Staff requesting they develop a cost estimate to complete the work (called a Cost to Serve internally). This information is then conveyed to the customer and they agree to have the work completed or decline and the effort ends there. If they agree to have the work completed the work is then scheduled. Once complete, the Customer Service Department then reviews the closed Service Request Work summary and compares it to the original estimate. Based on this review the Customer is either issued a bill for the remainder of the work or given

a credit. Oftentimes meter sets are routine. The meter box already exists on the parcel and the curb stop valve is locked off. The Customer simply needs to have a water meter set because they have bought into the system. Flat rate costs for efforts such as these eliminate most of the steps associated with a “Cost to Serve” and provide the opportunity to get the job done quickly.

The District recommends that development of Cost to Serves continue for Service Lateral Installation Requests. Service Lateral installations require the District to tap the water main and run a new section of service line to the parcel and set a meter, box, lid, and associated appurtenances. There is a lot variability of parcels within the District’s service areas and as a result, service lateral installations can vary considerably. The length of lateral required, the depth of the main, soil, topography, etc. all play a role in consideration of the cost for the installation of a new service lateral. Because of these factors, staff feel it most prudent for both the District and the Customer to continue to provide Cost to Serve estimates for service lateral installation requests to ensure the District adequately recovers costs associated with the work effort and the Customer does not overspend.

Given that meter installations for existing service laterals of any size are routine work efforts, flat rate charges for these efforts make sense. Flat rates speed up the process by eliminating extraneous steps currently required by the Cost to Serve process while ensuring financial equity for both the District and Customer. Due to their rather uniform implementation across District Service Areas, any perceived financial benefit gained through the Cost to Serve Process is eliminated by the added time and complexity the steps associated with Cost to Serve development introduce.

The opposite is true for Service Lateral Installation requests. Due to the potential variability associated with Service Lateral Installations Flat Rate charges would expose both the District and Customer to the potentials of under charging or over paying for the job. If a flat rate service lateral install is based on a 4-hour work effort and it takes Field Staff 8, the District has under-charged considerably. To the contrary, if the work effort takes 2-hours the Customer will have over-paid. Staff, with the concurrence of the Engineering Committee, recommend Cost to Serves remain the protocol when it comes to Service Lateral Installations.

The proposed flat rate (AKA fixed) costs are as follows:

- 5/8” Meter Install - \$502.54 (was \$464)
- 1” Meter Install - \$625.87
- Upsize 5/8” to 1” Meter - \$1,133.41

FINANCIAL CONSIDERATIONS:

Along with the fixed rate costs for 1” meter installs and the fixed cost to upsize from a 5/8” to a 1”, The Cost for a flat rate 5/8”meter install will increase from \$464.00 to \$502.54. A

difference of \$38.54. Per Section 1.2.5, Item 4 of Schedule B of Ordinance 2006-03, fixed costs will be adjusted annually. "On July 1 of each year, the fees under Item 4 of Schedule B shall increase or decrease in accordance with the December to December percentage change of the Consumer Price Index All Urban Consumers (CPI-U) U.S. City Average/All Items of the previous year.

- Attachments:*
1. *Schedule B in Redline*
 2. *Ordinance 2006-03*
 3. *Ordinance 2020-__-Amendment top Ordinance 2006-03 Schedule B Setting and Revising Charges for Special Services*

Schedule B

Special Services Fees and Charges

1) Multiplier= 2.5 (Applied to direct salary cost where permitted by policy.)

2) Heavy Equipment Rates

	Equipment Type	\$ Per Hour
2.1	Vac Con	80
2.2	Backhoe	55
2.3	Dump Truck	50
2.4	Mini Push Camera	95
2.5	TV Van & Equip	150
2.6	Boom Truck	70

3) Services Performed "At Cost"

"At Cost" defined as total of:

- 3.1) Direct Labor Cost x Multiplier approved under Schedule B
- 3.2) Materials Cost including purchase price, tax and shipping
- 3.3) Heavy Equipment Cost per approved Schedule B rates
- 3.4) Cost of contractors, sub-contractors, agencies, services or consultants
- 3.5) Administrative charge of 10% of (3.2 + 3.4)

Applicable Installation or other Services under this section:

- Meter Boxes
- Water Meters >5/8"
- Water or Sewer Line extensions
- Water or Sewer Service taps
- Septic tanks and tankpumps
- Pressure reducing valves
- Backflow devices
- Assistance to Other Water/Sewer Service Providers

4) Services Performed for Fixed Cost - (Annually adjusted per Sect. 1.2.5 of Ordinance)

Service	Charges - \$
Inspection of connection to the sewer system	110.00
Installation of standard 5/8" radio read water meter	502.54 353.00
Installation of standard 1" radio read water meter	625.87
Upsize of 5/8" meter to 1"	1,133.41
Account establishment or account transfer	37.50
After-hours account establishment or account transfer	60.00
Residential or commercial cost-to-serve letter on lot without service stub to parcel	145.00

ORDINANCE NO. 2006- 03

**SETTING OF WATER AND WASTEWATER CAPACITY CHARGES
AND
SETTING AND REVISING CHARGES FOR SPECIAL SERVICES**

WHEREAS, in order to better serve current and future water and sewer/wastewater customers of Calaveras County Water District (CCWD), Facilities Master Plans were developed for CCWD's primary service areas; and

WHEREAS, said Plans were presented at a number of public meetings at various locations throughout the County in 2005 for the purpose of receiving public comment and concerns; and

WHEREAS, said Plans were adopted by the CCWD Board; and

WHEREAS, the funding recommendations for the cost of buying into and the expanding of facilities capacity within said Plans were addressed by a comprehensive Financial Master Plan; and

WHEREAS, said Financial Master Plan recommends that certain CCWD service areas increase capacity charges to levels sufficient to meet facilities expansion costs; and

WHEREAS, public meetings were held in 2005 in the CCWD Board room at which presentations were made regarding the Financial Master Plan and proposed capacity charges; and

WHEREAS, a Notice of Public Hearing to be held on September 27, 2006, was published in a Calaveras County newspaper of general circulation on September 12 and September 19, 2006; and

WHEREAS, CCWD made available for public review supporting data for the capacity charge changes as of September 15, 2006; and

WHEREAS, charges for special services related to the provision of water and sewer connections have been consolidated with this action; and

WHEREAS, an official public hearing was held on Wednesday, September 27, 2006, at 9:00 a.m., and all public present were given an opportunity to comment.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

Section 1 – Findings

1.1) Capacity Charges - Schedule A attached hereto

1.1.1) Purpose and Use

The establishment, modification, structuring, or approval of capacity charges by this Ordinance are exclusively for the purpose of paying the cost of facilities in existence at the time the charge is imposed or charges for new facilities to be constructed in the future that are of benefit to the person or property being charged pursuant to California Government Code §66013.

The capacity charges established by this Ordinance will be collected to fund construction of all or a portion of certain facilities deemed necessary by the above-referenced Facilities Master Plans to provide additional water or sewer capacity.

Adoption of this Ordinance and Schedule A attached hereto acknowledges that a reasonable relationship has been established between the projected cost of expanding said facilities and the charge per connection. The Board may periodically review and by Ordinance or Resolution amend the charges within this Ordinance upon substantiating the need for such changes.

1.1.2) Basic Capacity Charges - The CCWD water and sewer capacity charges established by Ordinance 2001-48 are superseded by the fees listed in Capacity Charge **Tables 1 and 2** of **Schedule A** for the specified service areas. Ordinance 2001-48 is hereby rescinded.

Any and all Resolutions and Ordinances previously adopted by the Board of Directors for the specified service areas that reference expansion fees or capacity charges or any deviation thereof will utilize the new capacity charges as the basis for future charges.

1.1.3) Water Capacity Charge for Large Meters - Meter capacity multiples as established by Ordinance 99-01 will be multiplied by the 5/8-inch charge to determine the capacity charge for water meters larger than 5/8-inch.

1.1.4) Commercial Sewer Capacity Charge - Commercial sewer connections shall be charged based upon estimated capacity demand for wastewater facilities in accordance with District policy. The estimated capacity demand may be a multiple of a Single Family Dwelling Equivalent (**SFDE**) as defined by District policy.

1.1.5) Annual Adjustment of Capacity Charge - On July 1st of each year, the water and sewer capacity charges of **Schedule A Table 1**, shall increase or decrease in accordance with the change in the *Engineering News Record* (ENR) Construction Cost Index (CCI) as of December of the previous year. The first index change shall occur on July 1, 2007 based upon the ENR CCI as of December 31, 2006.

A December 2005 CCI base value of 7647 shall be used as shown in the following example:

$$\text{Adjusted Capacity Charge} = (\text{Table 1 Cap. Chrg.}) * (\text{Dec. Future Yr. CCI}) / 7647$$

1.1.6) Capacity Charge Administrative Facility Component - \$135 from every capacity charge collected for a 5/8" meter or, for larger meters, \$135 multiplied by the appropriate capacity multiple, shall be transferred to an account for the specific purpose of funding a new administrative facility.

1.2) Special Services Fees and Charges - Schedule B attached hereto

1.2.1) Purpose and Use

The establishment of Special Services Fees and Charges by this Ordinance are for the purpose of recovering the cost of providing services which are generally realized in the course of connecting to the water and sewer systems. The charges established by this Ordinance under this section will be collected to fund the portion of the operations budget impacted by providing said services.

Adoption of this Ordinance and Schedule B attached hereto acknowledges that a reasonable relationship has been established between the cost of the service provided by the District and the charge to the customer. The Board may periodically review and by Ordinance or Resolution amend the charges within this Ordinance upon substantiating the need for such changes.

Any and all Resolutions and Ordinances previously adopted by the Board of Directors for the purposes under this section will utilize the new fees and charges as the basis for future charges.

1.2.2) Multiplier – This multiplier adopted as **Item 1 of Schedule B** is to be applied against direct salary charges for services performed by District personnel for third parties as permitted by policy. The multiplier is the sum of a direct benefits factor plus a general overhead factor.

1.2.3) Heavy Equipment Rates - The charge out rates for use of certain pieces of District heavy equipment are adopted as **Item 2 of Schedule B**. Pickup trucks are intentionally excluded from this list and will not be separately charged.

1.2.4) Services Performed At Cost - **Item 3 of Schedule B** provides that installation or other services performed under the listed items shall be at the total cost of labor, materials and equipment as those terms are defined under Schedule B.

1.2.5) Services Performed At Fixed Cost - **Item 4 of Schedule B** is a list of services that will be performed at fixed costs as shown. On July 1st of each year, the fees under **Item 4 of Schedule B** shall increase or decrease in accordance with the December to December percentage change in the Consumer Price Index All Urban Consumers (CPI-U) U.S. City

Average / All Items of the previous year. The first index change shall occur on July 1, 2007 based upon the CPI as of December 2006. For example:

$$2007 \text{ Adjusted Charge} = \text{Item 4 Charge} * (1 + (\text{Dec. 05 to Dec. 06 \% CPI change}) / 100)$$

Section 2 – Effect of Prior Actions

All provisions of prior Resolutions, Ordinances, rules and regulations of CCWD not inconsistent with this Ordinance shall remain in force and effect.

Section 3 – Severability

This Ordinance and the various sections thereof are hereby declared to be severable. To the extent the terms and provisions of this Ordinance are in conflict or are otherwise inconsistent with the terms and provisions of any prior District Resolutions, Ordinances, rules and other actions, the terms and provisions of this Ordinance shall prevail with respect thereto.

Section 4 – Effective Date

To allow for the 60-day timeframe prescribed by Government Code Section 66017, the new fees and charges adopted by this Ordinance shall take effect on December 4, 2006.

Section 5 – Re-evaluation of Charges

The rates and charges established by this Ordinance shall be re-evaluated as determined by the Board of Directors but no later than December 31, 2011 in conformance with Section 4 of the "Budget and Fiscal Policies" adopted on 1.12.05 requiring that facilities master plans be updated every five years.

PASSED AND ADOPTED this 27th day of September 2006, by the following vote:

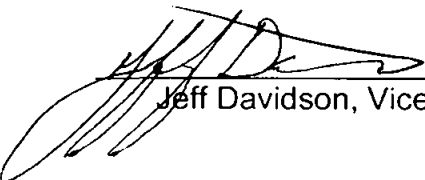
AYES: Davidson, Rich, Dean

NOES:

ABSTAIN:

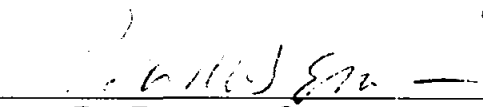
ABSENT: Underhill, Hebrard

CALAVERAS COUNTY WATER DISTRICT



Jeff Davidson, Vice-President

ATTEST:



Pat Emerson, Secretary

Schedule A Capacity Charges

CAPACITY CHARGE TABLE 1

Service Area	Water (\$ For 5/8-inch Meter)	Sewer (\$ Per SFDE)
West Point	8,700	-
Copper Cove	8,520	8,670
Ebbetts Pass ²	10,280	-
Jenny Lind	8,425	-
Inside Assess. Dist. 604		8,270 ³
Outside Assess. Dist. 604		14,100
Arnold	-	8,325
Forest Meadows	-	9,375
Vallecito / Douglas Flat	-	10,000
Six Mile Village	-	As set by City of Angels Camp

Table 1 Notes:

- 1) Table 1 Capacity Charges list those charges modified by Ord. 2006 - 03. These fees will be adjusted annually as provided by Section 1.1.5 of the ordinance.
- 2) Ebbetts Pass water charges also apply to Fly-In Acres and Snowshoe Springs Mutual Water Companies.
- 3) Consistent with Res. 2003-13, Section 1.2, the fee established for "Inside Assessment District 604" is effective only if assessments are paid current and not in delinquency status.

CAPACITY CHARGE TABLE 2

Service Area	Water (\$ For 5/8-inch Meter)	Sewer (\$ Per SFDE)
Sheep Ranch	5,500	-
Southworth Ranch Est.	-	5,500
Indian Rock Vineyards	-	5,500
Sequoia Woods/Mt. Retreat	-	5,500
West Point	-	5,500
Wilseyville	-	5,500
Mill Woods	-	0

Table 2 Notes:

- 1) Table 2 restates Capacity Charges initially established by Res. 2001-48. These fees are not being modified or subjected to annual adjustment.

Schedule B Special Services Fees and Charges

1) **Multiplier = 2.5** (Applied to direct salary cost where permitted by policy.)

2) **Heavy Equipment Rates**

	Equipment Type	\$ Per Hour
2.1	Vac Con	80
2.2	Backhoe	55
2.3	Dump Truck	50
2.4	Mini Push Camera	95
2.5	TV Van & Equip.	150
2.6	Boom Truck	70

3) **Services Performed "At Cost"**

"At Cost" defined as total of :

- 3.1) Direct Labor Cost x Multiplier approved under Schedule B
- 3.2) Materials Cost including purchase price, tax and shipping
- 3.3) Heavy Equipment Cost per approved Schedule B rates
- 3.4) Cost of contractors, sub-contractors, agencies, services or consultants
- 3.5) Administrative charge of 10% of (3.2 + 3.4)

Applicable Installation or Other Services under this section:

- Meter Boxes
- Water Meters >5/8"
- Water or Sewer Line extensions
- Water or Sewer Service taps
- Septic tanks and tank pumps
- Pressure reducing valves
- Backflow devices
- Assistance to Other Water/Sewer Service Providers

4) **Services Performed for Fixed Cost** – (Annually adjusted per Sect. 1.2.5 of Ordinance)

Service	Charge - \$
Inspection of connection to the sewer system	110.00
Installation of standard 5/8" radio read water meter	353.00
Account establishment or account transfer	37.50
After-hours account establishment or account transfer	60.00
Residential or commercial cost-to-serve letter on lot without service stub to parcel	145.00

ORDINANCE NO. 2020-__

**AN ORDINANCE OF THE BOARD OF DIRECTORS
OF THE CALAVERAS COUNTY WATER DISTRICT**

**AMENDMENT TO ORDINANCE NO. 2006-03
SCHEDULE B
SETTING AND REVISING CHARGES FOR SPECIAL SERVICES**

WHEREAS, the Board of Directors of the Calaveras County Water District (District) adopted Ordinance No. 2006-03 on September 27, 2006, and;

WHEREAS, the Board of Directors of the Calaveras County Water District has determined that the water capacity fees are to be updated; and

WHEREAS, the Board of Directors published a notification and provided for a public meeting, in compliance with Government Code Sections 66013 and 66016, to receive comments regarding special services fees and charges for water meters; and

NOW, THEREFORE, BE IT ORDAINED by the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT as follows:

Section 1. Ordinance No. 2006-03 shall be amended with the attached updated Schedule B Special Services Fees and Charges attached hereto and made a part of; and

Section 2. Effect on prior actions. All provisions of prior ordinances and resolutions of CCWD not inconsistent with this Ordinance shall remain in full force and effect.

Section 3. Severability. This Ordinance and the various sections thereof are hereby declared to be severable. To the extent the terms and provisions of this Ordinance are in conflict or are otherwise inconsistent with the terms and provisions of any prior District ordinances, resolutions, rules, and other actions, the terms and provisions of this Ordinance shall prevail with respect thereto.

Section 4. Publication/Effective Date. Within ten (10) days of adoption, this Ordinance shall be published in a newspaper of general circulation within Calaveras County. This Ordinance shall take effect thirty (30) days after its adoption.

PASSED AND ADOPTED this 9th day of December 2020, after a noticed Public Hearing by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: December 9, 2020

TO: Michael Minkler, General Manager

FROM: Bob Godwin, Senior Civil Engineer

SUBJECT: Discussion/Action to Award of Design Services Contract for the West Point and Wilseyville Wastewater Facilities Consolidation Project, CIP 15072

RECOMMENDED ACTION:

Motion: _____/_____ to adopt Resolution No. 2020-_____ accepting the proposal submitted by NEXGEN Utility Management Inc. for engineering and design services for the West Point and Wilseyville Wastewater Facilities Consolidation Project, CIP 15072 and authorizing the General Manager to enter into a Professional Services Agreement (PSA) with NEXGEN for a total contract amount not to exceed \$750,000 including an initial contract amount of \$484,440 for design and bidding of the project and discretionary contract amendments for optional professional services including \$215,560 for construction management and \$50,000 for SCADA programming.

SUMMARY:

The West Point and Wilseyville Wastewater Facilities Consolidation Project is a \$4.75 million project to consolidate the Wilseyville Wastewater Treatment Plant with the West Point Wastewater Treatment Plant. Funding for the project comes from a construction grant through the State Water Resources Control Board Revolving Fund. Staff proposes to retain an engineering consulting firm to prepare the design and bid documents within the next 12-months and advertise for construction bids around January 1, 2022. The current contract under consideration is only for professional services. Upon retaining a consulting firm, completing the design plans, and after public bidding of the project for construction, staff will return to the Board in early 2022 with recommendations for award of the construction contract. The project completion date for all efforts including design, bidding, construction and start-up is January 1, 2024.

On August 4, 2020, the District issued a Request for Proposals (RFP) to various consulting firms to provide engineering and professional services for the subject project. Staff conducted an on-site job walk with these consultants on August 21, 2020. On September 24, 2020, the District received proposals from seven (7) different engineering firms. All proposals were reviewed and ranked by staff. Coleman Engineering, HydroScience and NEXGEN were initially ranked as the top three firms.

CONSULTING FIRM	DESIGN PHASE	CONSTRUCTION PHASE	SCADA PROGRAMMING	TOTAL
Brown & Caldwell, Ranch Cordova	\$553,977	\$141,550 (a)	\$0 (c)	\$695,527
Coleman Engin., Roseville	\$412,703	\$159,382 (a)	\$82,064	\$654,149
HydroScience, Sacramento	\$434,390	\$270,000 (b)	\$0 (c)	\$704,390
Jacobs, Sacramento	\$558,047	\$204,450 (a)	\$55,000	\$817,497
KASL, Citrus Heights	\$276,552	\$0 (c)	\$0 (c)	\$276,552
NEXGEN, Sacramento	\$484,440	\$215,560 (b)	\$50,000	\$750,000
West-Yost, Davis	\$853,095	\$0 (c)	\$0 (c)	\$853,095

(a) Only includes engineering services during construction (shop drawing review, RFI's, etc.)

(b) Includes engineering services during construction, construction management and inspections

(c) Not included in scope of work

In order to make a fair comparison, the top three firms were asked by staff to submit additional information and revise their proposals so the scope of work was essentially the same for all firms. This process yielded new information that helped in making a final selection. Ultimately, staff selected NEXGEN as the top firm for this project based on their level of interest and responsiveness to the project, project understanding and approach to work, qualifications and experience, project team, level of effort, overall cost effectiveness and value. Also, NEXGEN's subconsultants include Weber Ghio for construction management and A.TEEM for electrical design. NEXGEN's proposal was very complete and comprehensive and demonstrated a strong understanding of the project objectives including the facility's septage and solids handling problems. NEXGEN presented an approach to the design that will result in an optimal treatment facility. Several proposals including the low cost proposals compromised on the scope of work and did not satisfactorily address these issues. Therefore, the staff recommendation to the Board is to award a the design contract to NEXGEN Utility Management Inc. according to the submitted proposal in an initial contract amount of \$484,440 for the design and bidding phases and not to exceed \$750,000 in total with optional services for construction management and SCADA programming.

FINANCIAL CONSIDERATIONS:

This project is funded by State Water Resources Control Board Revolving Fund construction grant up to \$4.75 million. In the current FY 2020-21 budget, there is \$450,000 approved for the project and \$2,150,000 is for the next fiscal year. While funds will be obligated, actual expenditures will be less than \$450,000 prior to the end of the current fiscal year. Therefore, no budget adjustments are necessary for this fiscal year.

Attachments:

- 1) Resolution No. 2020-__-Authorizing Design Contract for the West Point and Wilseyville Wastewater Facilities Consolidation Project, CIP 15072
- 2) NEXGEN Utility Management Inc. Proposal and Fee Schedule, October 19, 2020

NEXGEN

UTILITY MANAGEMENT



PROPOSAL FOR DESIGN AND ENGINEERING SERVICES FOR THE WEST POINT AND WILSEYVILLE WASTEWATER TREATMENT FACILITIES CONSOLIDATION PROJECT



PREPARED FOR: CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT SAN ANDREAS, CA 95249, P.O. BOX 846

ATTN: CHARLES PALMER, P.E., DISTRICT ENGINEER

PREPARED BY: NEXGEN UTILITY MANAGEMENT INC.



TABLE OF CONTENTS

Transmittal Letter

Section 1 Project Understanding and Approach.....1

Section 2 Statement of Qualifications.....7

Section 3 Representative Project References.....9

Section 4 Project Team Organization.....13

Section 5 Scope of Work.....17

Section 6 List of Deliverables.....23

Section 7 Project Schedule.....26

Section 8 Fee Estimate.....27

Figures

Figure 1 – Proposed Upgrades

Figure 2 – West Point WWTP

Figure 3 – Wilseyville WWTP

Appendix

Team Resumes

NEXGEN UM, Inc
4010 Lennane Drive
Sacramento, CA 95834



September 24, 2020
Updated October 19, 2020

Charles Palmer, P.E.
District Engineer
Calaveras County Water District
P.O.Box 846
San Andreas, CA 95249

Dear Mr. Palmer:

Subject Proposal for West Point and Wilseyville Wastewater Treatment Facilities Consolidation Project. Project No.C-06-7850-210. WITH REQUESTED CLARIFICATIONS

NEXGEN Utility Management, Inc. is pleased to submit this updated Proposal for the planning, design, and construction support of various improvements to the West Point and Wilseyville Wastewater Treatment Facilities. Since submittal of the original proposal submitted September 24th, the District had some questions regarding our cost estimate, design assumptions, and electrical subconsultant. To provide you a complete package to review, we have updated the entire proposal to reflect those clarifications. Clarifications in this updated proposal include:

- 1) **We have included ATEEM Electrical, Inc as our electrical and controls subconsultant.** Sharon Kimizuka , P.E. would lead the electrical design, and Erik Burns, P.E. would lead the SCADA. ATEEM will draw from its experience at various CCWD treatment facilities for the benefit of this Project.
- 2) **Our fee proposal is unchanged from the original proposal.** You had asked to clarify our budgets for tasks through project bidding. Those tasks are now highlighted in yellow on our attached fee estimate. **That budget is \$484,440**

NEXGEN is a niche wastewater engineering firm based in Sacramento. Our staff of 20 engineers, and construction specialists provide permitting and design solutions to smaller agencies in the Central Valley and Sierra Foothills. Our Project Manager is Joe DiGiorgio, P.E. who has over 30 years of experience in both the design and resident construction engineering of wastewater treatment plant improvements. He is uniquely qualified to serve as your PM. Joe's team includes Dan Rich, P.E. (residuals management), Melissa Lee, P.E. (permitting), Mark Cocke, P.E (hydraulics) and Chris Bressi (constructability review and cost estimating). Our team also includes specialty subcontractors that will ensure the project design is robust and delivered within budget. We have worked with these firms for over 15 years. They include: Doug Brewer from Dewberry Drake Haglan for CEQA consultation, Wallace Kuhl Associates for geotechnical and concrete testing, Toma Associates for surveying, and WGA Inc. for construction management and inspection. This team and this proposal addresses all project implementation tasks described in the RFP. **The proposal has been organized such that if the District decides to complete**

any of the permitting or construction management tasks separately, our scope of work and budget can be easily amended.

Our experience and approach that will benefit the District include:

- ✓ **We know this Regional Board** and have successfully adopted waste discharge permits for Auburn (3 permit renewals), Woodland (3 permit renewals), Dixon, Colusa (2 permit renewals), Merced, Lincoln, Lake Wildwood, and Cascade Shores.
- ✓ **We have designed and implemented over a dozen State Revolving loan funded WWTP upgrades for the clients listed above.**
- ✓ **We recognize the 200 homes connected to these plants cannot fund any construction overages** and could see rate impacts to any upgrades that increase annual O&M costs. We will structure the design and bid so to not exceed the \$4 million grant amount.
- ✓ **We know that septage processing and disposal is the Project's largest single cost and has the potential to significantly increase annual power, chemical, and labor costs.** We believe use of facultative sludge lagoons that utilize algae to aerate and digest solids followed by solar drying beds or greenhouse dryers are a good fit for West Point due to their low energy and labor requirements. We have completed similar sludge management designs for Woodland, Colusa, and Dixon with great success. If sized correctly, several years of material can be stabilized and dried in one summer, tested for pathogens and certified as "Class A Exceptional Quality". It can then be applied on site as a soil amendment at loading rates below the states threshold for needing a land application permit. This approach would eliminate the District's septage disposal costs.

Thank you for your consideration on this important project. If you have any questions about this Proposal, please contact myself or Joe DiGiorgio at (916) 779-7301.

NEXGEN Utility Management



Dan Rich, P.E.

Vice President

(916) 779-7301 | drich@nexgenum.com | www.nexgenum.com

Main Office Address: 4010 Lennane Drive, Sacramento, CA 95834

1. PROJECT UNDERSTANDING AND APPROACH



The Calaveras County Water District (District) has obtained a Clean Water State Revolving Fund Construction Grant for \$4.75 million to consolidate the West Point and Wilseyville Wastewater Treatment Facilities (WWTFs) and to address all compliance issues associated with the treatment, storage, and spray disposal of the water.

The small customer base of only 200 homes does not have the financial capacity to shoulder any project costs. Therefore, the project must be planned, designed and constructed within the \$4.75 million grant budget. Similarly, the upgrades must be carefully selected to not increase District operational costs. Our proposed tasks and budgets are within the grant's \$750k budget allowances. Our approach will ensure the awarded construction bid is below the \$4 million budget.

We have reviewed the preliminary design, permit, and plant operational data provided. The West Point Facility has many good elements to build from, including:

- ✓ The treatment system appears robust and well maintained. The system has capacity to handle expected infill growth and Wilseyville.
- ✓ The facility was able to handle the extraneous flows and precipitation during the winter of 2016 when 65 inches of rain fell. 67 inches would represent a 100-year winter event.
- ✓ The seasonal storage basins maintain healthy algae populations year-round. Dissolved oxygen levels are consistently between 8 and 12 mg/L.
- ✓ The monitoring well data, including data from the well recently installed downgradient of the storage basin, appear to show no impacts to local groundwater.
- ✓ There are 40 acres of spray field acreage available plus potential for restarting the spray field in Wilseyville. There is sufficient space for accommodating any improvements needed without impacting disposal capacity.

Our approach builds on these opportunities. We agree with the District's Preliminary Engineering Report and add the following suggestions:

- 1) **Construct Two Community STEP Tanks in Wilseyville.** If constructed from FRP, the 15,000 gallon size can be factory built and trucked onsite. Precast concrete with HPDE liners will also be costed during design. The tanks will be equipped with effluent filters (replaced yearly) followed by submersible pumps in a separate compartment. This equipment can be furnished by Orenco or equivalent. The septage would be pumped

1. PROJECT UNDERSTANDING AND APPROACH



every 3 or more years to the West Point septage receiving station (discussed below).

- 2) **Create Emergency Storage Basin at Wilseyville.** The basin would likely be about half the size of the existing pond. The basin would be used infrequently- when flows exceed capacity of the Wilseyville pumps and during wet winters to provide additional storage from West Point. After the event, the water will be pumped back into the community STEP tanks for treatment in West Point.
- 3) **Utilize Two Parallel 3-inch HPDE or Schedule 80 PVC Forcemains.** One forcemain will pump STEP effluent from the Wilseyville to the influent splitter box at West Point. The other forcemain will pump treated water from the storage basin in West Point to either the emergency storage basin or the spray field at Wilseyville.
- 4) **Construct a New Septage Receiving Station.** The station likely includes a mechanical drum screen with 3/8 inch slots, a washer-compactor, and a dumpster. All septage from collected at the individual STEP tanks and community STEP tank in Wilseyville would be directed through the station to remove larger debris, rocks, rags, and plastics prior to entering solids handling process. The station could be constructed up near the sand filters to allow gravity flow of septage to stabilization and drying.
- 5) **Build Two Concrete Sludge Storage Basins.** One basin would receive septage for 2+ years depending on accumulations, while the other basin rests (digests). The sludge basins serve two important functions: 1) they allow sludge drying operations to be completed in the summer and are independent from septage hauling operations, and 2) they ensure all septage has been well stabilized for at least 2 years and most of the material will have been digested for over 5 years (3 years in STEP tanks plus 2 years in these storage basins). To enhance digestion and minimize any odors, we have had great success at many plants (Woodland, Colusa, Dixon) recirculating higher DO effluent as water cap water. During design, we will evaluate whether solar mixers or surface aerators should also be included. The basins will likely have 8 feet of water depth (sludge accumulations in the bottom 1-2 feet) with 2:1 side slopes.
- 6) **Build Sludge Drying and Stabilization Facilities.** During design, we will evaluate the size requirements and costs of conventional drying beds, wedgewire filter drying beds, and greenhouse dryers. None of these processes are approved by the EPA to create a Class A Biosolids; however, if allowed sufficient solar drying, the material can be tested for

1. PROJECT UNDERSTANDING AND APPROACH



pathogens and can be classified as Class A just prior to removal. Except for the greenhouses, the other drying operations may require covered storage so that the District could stockpile material for a period of years between disposal operations. If treated to a Class A level and applied at less than 10 dry tons per acre per year (the threshold for requiring a land disposal permit), the District could disk the material as a soil amendment within the existing property.

- 7) **Confirm Effluent Storage and Disposal Criteria.** The District's water balance is an appropriate and conservative means to evaluate storage and irrigation requirements during 100-year winters. The analysis is conservative in that it does not take into account any percolation through the clay liner and the permit does allow some irrigation during dry periods in October – April. These reductions are more difficult to quantify. Because storage of 8 acre-feet or more is possible in Wilseyville, the District may have adequate storage with the current water balance assumptions and not need to increase berm heights.
- 8) **Install Pond Liners.** During design, we will evaluate an appropriate lining system for the Wilseyville Pond given its infrequent use. For the existing storage basins in West Point, we will summarize downgradient groundwater well data. If no degradation is evidenced, we recommend NOT modifying those basins.

We have attached three figures showing conceptual layouts for how these facilities could be constructed on site. Refer to Figures 1 – 3 for reference.

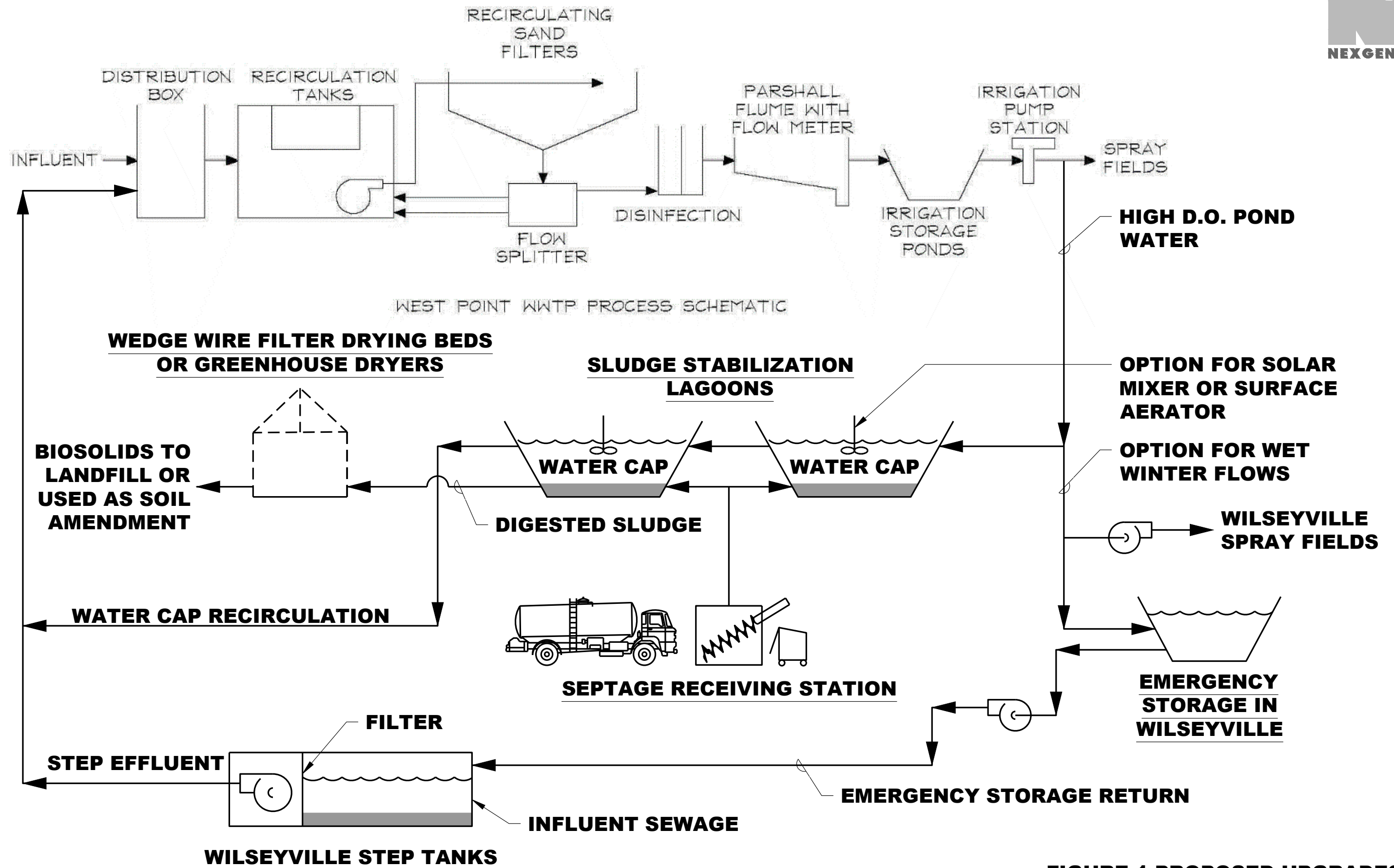
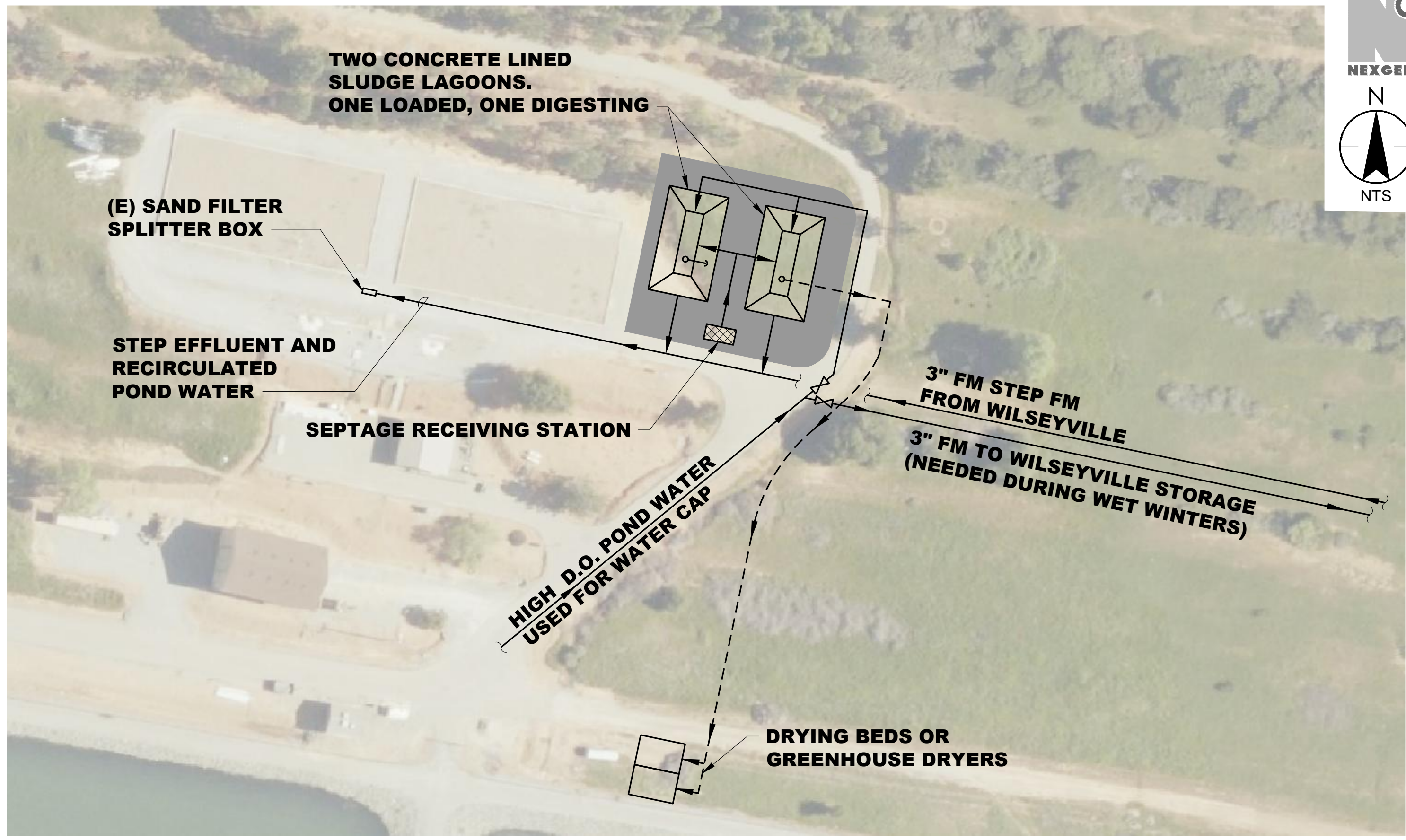
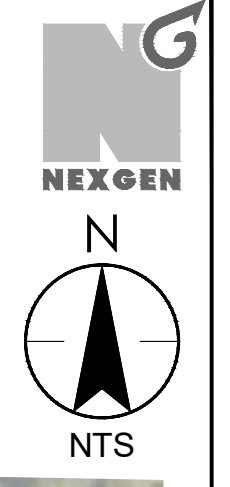


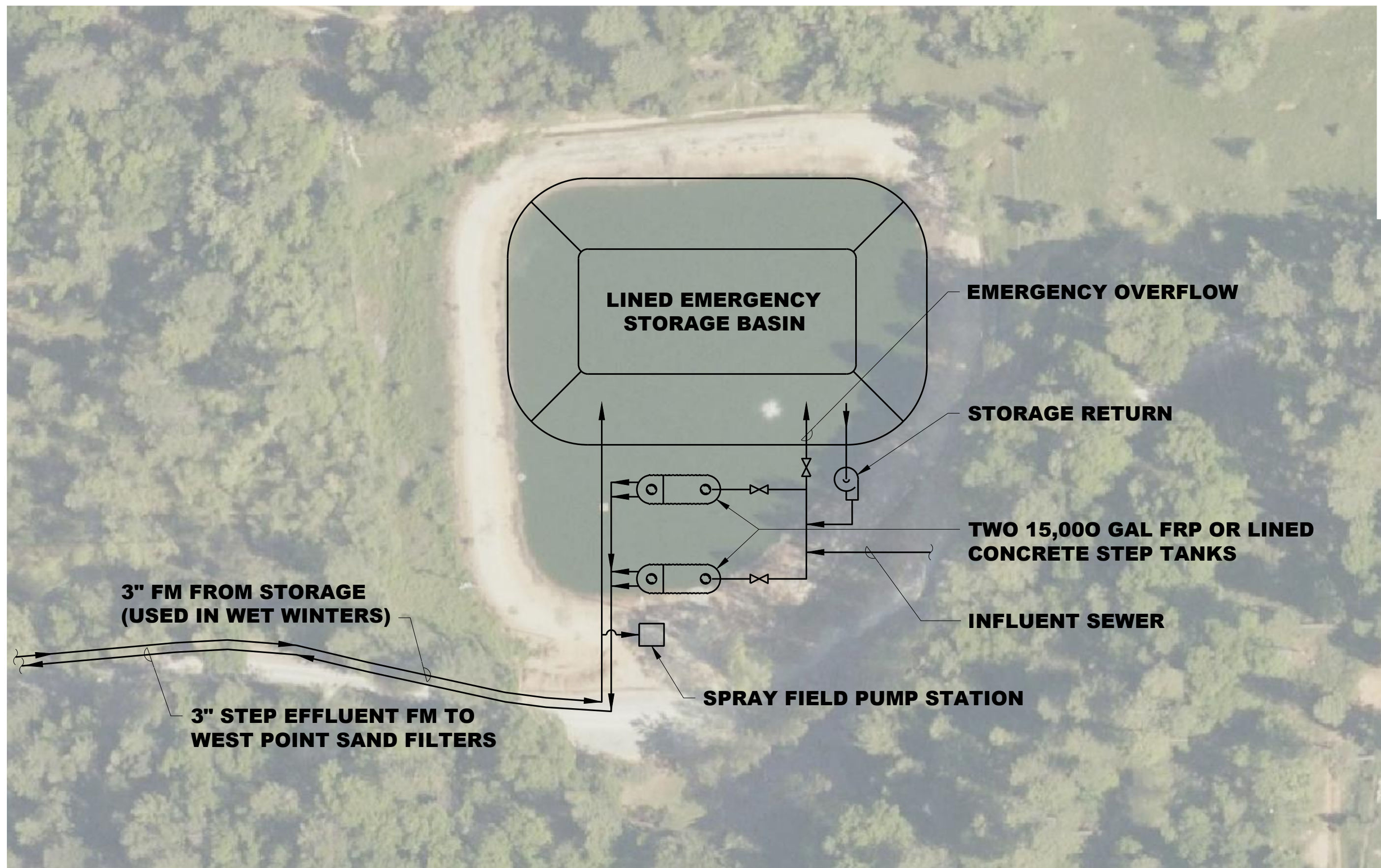
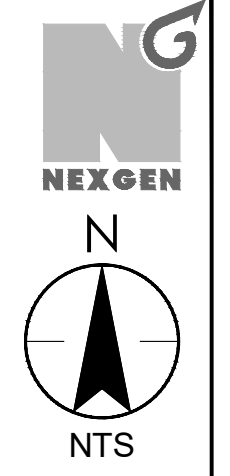
FIGURE 1 PROPOSED UPGRADES

X:\BD\2020\ccwd Wilseyville\Figures\CCWD-Figures.dwg
 2020/09/23 2:12 PM By: Contractor 01



X:\BD\2020\ccwd Wileysville\Figures\CCWD-Figures.dwg
2020/09/23 2:12 PM By: Contractor 01

FIGURE 2 WEST POINT WWTP



X:\BD\2020\ccwd Wileysville\Figures\CCWD-Figures.dwg
2020/09/23 2:12 PM By: Contractor 01

FIGURE 3 WILSEYVILLE WWTP

2. STATEMENT OF QUALIFICATIONS



NEXGEN is a niche wastewater engineering firm based in Sacramento. Our personale of 20 engineers, technical staff, and construction managers provide permitting and design solutions to smaller agencies in the Central Valley and Sierra Foothills.

Permitting Expertise

NEXGEN has prepared and negotiated recycled water permits, waste discharge requirements, NPDES permits, and land application of biosolids. We have prepared successful Reports of Waste Discharge for Colusa (2), Woodland (3), Auburn (2), Merced, Lincoln, Lake Wildwood, and Dixon. We have prepared Title 22 Use Reports and recycled water permits under the State's General Order for Woodland and Colusa. We have prepared sludge management plans and permitting for Woodland, Colusa, and the Jackson Rancheria.

Design Expertise

We have designed major upgrades and expansions to the following wastewater treatment plants:

- ✓ 2009 City of Auburn UV Disinfection (\$9 million)
- ✓ 2010 - 2020 City of Auburn Sewer Pump Station Upgrades (\$1 million each year)
- ✓ 2012 City of Woodland Solids Handling Improvements (\$2 million)
- ✓ 2016 City of Colusa WWTP Upgrades (\$12 million)
- ✓ 2016 City of Auburn Nitrogen Removal Upgrades (\$12 million)
- ✓ 2016 City of Dixon WWTP Improvements (\$24 million)
- ✓ 2018 Jackson Rancheria WWTP Upgrades (\$3 million)
- ✓ 2020 City of Auburn Solids Handling Improvements (\$5 million)
- ✓ 2020 City of Colusa Recycled Water Improvements (8 million)
- ✓ 2020 City of West Sacramento Pump Stations (\$1.5 million)

SRF Project Expertise

Most of the design project listed above are SRF funded projects. Our front-end specifications address the SRF Buy American Steel requirements, Davis Bacon labor compliance, and other invoicing requirements of the SRF. We assisted the

2. STATEMENT OF QUALIFICATIONS




City of Colusa in obtaining \$8 million in SRF DAC grants and 7 million in low interest (1%) 30 year loans. We have also helped Cascade Shores (\$2 million SRF grant), the City of Woodland (\$2 million grant, \$23 million loan), and the City of Auburn (\$3 million grant, \$10 million loan).

Our recent history wastewater engineering for nearby communities is summarized below.

Client	Design and Cost Estimating	Permit Renewal and Negotiation	Water Supply Planning	Public Outreach	SRF Loan and Grant Funding	Hydraulic Modeling	Prepare Master Plans	Reclamation	Stormwater Permitting	Asset Management	Agricultural Studies
City of Woodland	•	•	•	•	•	•	•	•	•	•	•
City of Auburn	•	•		•	•	•	•		•	•	
Nevada County CSDs	•	•	•	•	•	•	•	•	•	•	
City of Willows	•	•	•		•	•	•			•	•
City of Merced	•	•	•	•		•	•	•		•	•
City of Biggs	•	•				•	•	•			•
City of Dixon	•	•		•	•	•	•	•			
City of Lincoln	•	•			•	•	•	•	•	•	•
City of Colfax	•	•			•						
City of West Sacramento	•	•		•		•	•				
City of Wheatland	•	•		•		•	•	•			
Jackson Rancheria		•				•	•	•			


3. REPRESENTATIVE PROJECT REFERENCES




Project:	City of Woodland Treatment Plant and Solids Handling Design
Description	 <p>NEXGEN has been the City of Woodland’s on-call wastewater consultant for the last 15 years and has completed dozens of permitting, planning, and design projects at their wastewater plant.</p> <p>In 2015, we designed and managed the construction of significant upgrades to the City’s 120-acre pond system (pictured). The project involves pumping waste sludge into facultative sludge lagoons that utilize algae grown in adjacent basins to provide aeration to the lagoons. Three 10-acre lagoons were cement and lime treated to “hardbottom” the basins. On any given year, one basin is loaded, one basin is digesting, and one basin is solar drying. The dried material is tested for pathogens, certified as Class A material and either used as alternative daily cover at the nearby landfill or land applied as a soil amendment. Every 5 years Nexgen renews the City’s NPDES permit (3 times over the last 15 years). The City is in full compliance with its permit. Nexgen also completed all the Title 22 permitting and recycled water permitting so the city could use the treated water on parks and for industrial cooling.</p> <p>As part of these projects, NEXGEN obtained all NEPA documentation for environmental compliance. NEXGEN also completed and submitted all documentation to secure SRF funding for the project.</p>
Staff Responsibilities	<p>Dan Rich, P.E.: Project Manager, Lead Design Engineer Mark Cocke, P.E.: Design Engineer, Melissa Lee, P.E.: SRF Funding Lead, Permitting Lead Chris Bressi: Construction Management</p>
Dates	(2005 – present).
Reference	<p>Brent Meyer P.E., City Engineer and Community Dev Director (530) 661-5947 brent.meyer@cityofwoodland.org City of Woodland 300 First Street Woodland, CA 95695</p>

3. REPRESENTATIVE PROJECT REFERENCES




Project:	City of Auburn WWTP Permitting and Design and CM
Description	 <p>NEXGEN prepared the City of Auburn’s Wastewater Master Plan, rate and fee studies, and design various improvements to the City’s sewer collection system and tertiary wastewater treatment plant. In 2010, our team completed construction management for Auburn’s \$7 million tertiary treatment, UV disinfection, and nitrogen removal improvements. Our team designs and oversees about \$1,000,000 per year of sewer-related improvement projects each year.. We design upgrades to one of the City’s 11 sewer pump stations each year. In 2016, NEXGEN designed a \$10 million upgrade to the City’s WWTP to enhance nutrient removal and increase plant capacity for additional 1,000 homes. The project a new oxidation ditch secondary treatment process with anoxic zones, new new course and fine screens, and new RAS pump station, and new SCADA system. In 2020, NEXGEN designed new solids handling processes the WWTP. The project replaces the older belt filter press with a new screw press and dewatering building. NEXGEN also completed and submitted all documentation to secure SRF funding for the project</p>
Staff Responsibilities	<p>Dan Rich, P.E.: Principal in Charge Joe DiGiorgio, P.E.: Design Engineer and Project Manager Melissa Lee, P.E.: SRF Funding Lead, Permitting Lead Mark Cocke, P.E.: Design Engineer Chris Bressi: Construction Management</p>
Dates	2003 – present.
Reference	<p>Chris Ciardella., P. (530) 823-4211 x 134 cciardella@auburn.ca.gov City of Auburn 1225 Lincoln Way, Room 3 Auburn, CA 95603</p>

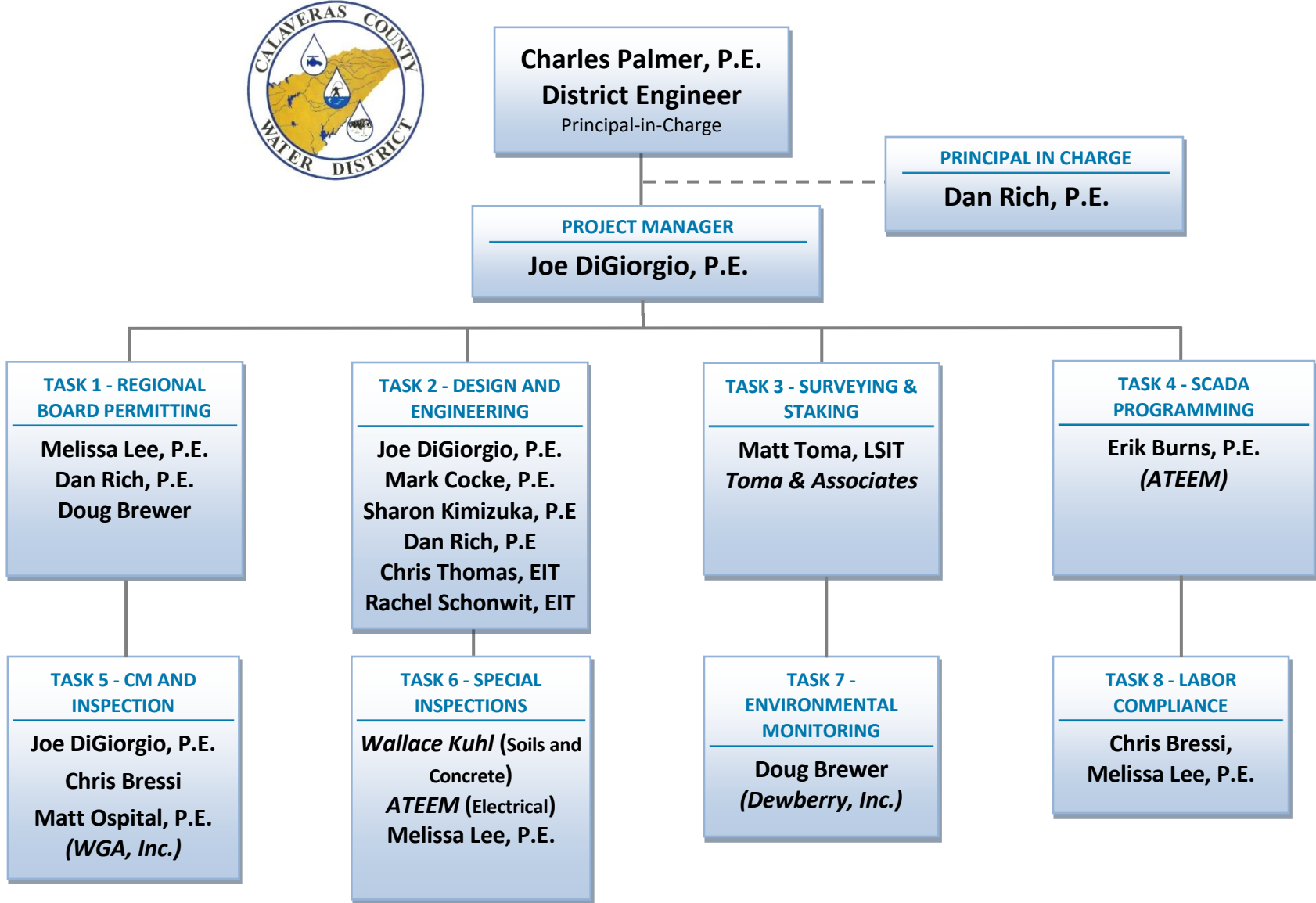
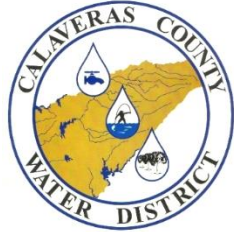
3. REPRESENTATIVE PROJECT REFERENCES

Project:	City of Colusa Wastewater Permitting and Planning and Design
<p>Description</p>	<div style="display: flex; justify-content: space-around;">   </div> <p>Our team prepared the City of Colusa Report of Waste Discharge for the renewal of the City’s NPDES permit, and completed various studies in support of their wastewater system improvements. We prepared the city of Colusa 2007 Wastewater Master Plan which identified \$20 million in required upgrades.</p> <p>We designed tertiary improvements to allow the treated water to be recycled on agricultural areas to the east of the plant. We are also completing a solids handling and aeration system upgrade at the WWTP.</p> <p>In 2014 we prepared the Report of Waste Discharge for the NPDES permit. We also assisted the City in de-designating its receiving water from municipal water uses, allowing relaxed effluent limits and avoiding expensive upgrades.</p> <p>In 2015 we completed all SRF applications and reports and secured \$8 million in disadvantaged community grants plus low interest loans to fund \$7 million in sewer and plant improvements.</p> <p>In 2019 we designed new facilities to allow the city to eliminate its NPDES discharge and instead seasonally store tertiary effluent and land apply it on adjacent farmland. We designed a new 60 million storage basin, effluent pump and irrigation, stormwater receiving station and other solids handling improvements to allow the material to be dried, testing and land applied to nearby farmland as a soil amendment</p>
<p>Staff Responsibilities</p>	<p>Dan Rich, P.E.: Project Manager, Lead Design Engineer Mark Cocke, P.E.: Design Engineer, SRF Funding Documentation Chris Thomas.: Design Engineer Melissa Lee, P.E.: SRF Funding Lead, Permitting Lead</p>
<p>Dates</p>	<p>(2007 – present) .</p>
<p>Reference</p>	<p>Jesse Cain, City Manager, (530) 458-4740 citymanager@cityofcolusa.com City of Colusa 425 Webster St. Colusa, Ca 95932</p>

3. REPRESENTATIVE PROJECT REFERENCES

Project:	Jackson Rancheria Wastewater Treatment Plant Upgrades Design
Description	 <p>Our team prepared the Jackson Rancheria Master Plan and designed associated WWTP improvements. The Jackson Rancheria is essentially a stand alone City with 1,300 employees, a casino with several restaurants, a hotel, RV park, and various businesses. The Rancheria owns and operates a tertiary WWTP. All treated water is stored and recycled on landscaping or disposed in sprayfields.</p> <p>We recently completed design and construction of a new headworks (pumping, screening, odor controls) to replace an antiquated system that would periodically fail and emit odors into the casino. The project also included new alkalinity feed system, upgrades to SCADA, and an emergency storage tank and pumping system.</p> <p>We are currently designing new waste solids storage and drying facilities that will produce Class A Exceptional Quality compost that can be applied on ranchland operated by the Rancheria.</p>
Dates	(2012 – present).
Staff	Dan Rich, Melissa Lee, Joe DiGiorgio,, Chris Thomas,
Reference	<p>Don Maloon, Wastewater Superintendent Tribal Government Jackson Rancheria 12222 New York Ranch Rd. Jackson, CA 95642 209-418-9846 Cell dmaloon@JacksonCasino.com</p>

4. PROJECT TEAM ORGANIZATION



4. PROJECT TEAM



Project Team Bios (Complete Resumes Provided as Appendix)

Joe DiGiorgio, P.E.

Project Manager, Design Engineer, CM and Inspection

Joe has more than 35 years of experience as Project Engineer, Project Manager, and Construction Manager for wastewater treatment and conveyance. He has primarily been involved in field investigations and the design and construction of pipelines and facilities improvements for complex water and wastewater projects. He has designed WWTPs for Auburn, Lincoln, Merced, Colusa, Dixon. Joe has served on ratepayer advisory and Regional Board committees where he provided technical and educational support to provide affordable permit compliance solutions, acceptable to all parties. Recently he served as Resident Engineer and Construction Manager on two large water and wastewater treatment plant expansions for the cities of Dixon (\$24 million construction) and Georgetown Divide PUD (\$11 million construction). He is currently serving as project manager for the design of new solids handling facilities for the City of Auburn (\$5 million construction) and several sewer pump station upgrades (\$1.5 million). Joe's combined field and design experience make him the perfect Project Manager for CCWD.

Dan Rich, P.E.

Principal in Charge

Dan has 28 years of experience in planning, modeling, designing, and evaluating processes for wastewater and sludge treatment. He specializes in treatment process development, process modeling and design, performance evaluation, trouble-shooting, and NPDES compliance. He has served as Project Manager for over twenty wastewater master plans and designs for cities across California. Dan would lead the solids handling analysis task and serve as the Project's Principal in Charge.

Mark Cocke, P.E.

Pumping and Piping Systems Design Lead

Mark has 35 years of wastewater, water and stormwater permitting, planning and design experience. Prior to joining NEXGEN eight years ago he was a senior engineer at the City of Woodland. Mark would lead pumping and piping system designs.

4. PROJECT TEAM

Melissa Lee, P.E.

Permit Renewal Lead

Melissa has 18 years of permitting, planning, hydraulic modeling, and design experience in a wide-range of water and wastewater projects. Areas of specialty include SRF funding, wastewater master planning, I&I studies, hydraulic modeling, geographical information system (GIS), flow projection studies, NPDES permitting, and recycled water. Melissa would lead the permit renewal efforts.

Chris Thomas, EIT

Project Engineer

Chris would serve as the project engineer and would be involved in all aspects of the project design. Chris has been with NEXGEN for two years and in that time has been essential in getting designs completed for the Jackson Rancheria WWTP (\$3 million), Auburn WWTP and pump stations (\$5 million), Colusa (\$6 million), Stockton East Water District (\$5 million), and West Sacramento (\$1.5 million).

Chris Bressi

Construction Manager and Inspector

Chris has 35 years of construction management and inspection experience. First with the City Galt, City of Auburn, and the last 10 years serving as NEXGEN's construction lead. Chris has managed over \$80 million in water and wastewater construction over his career and served as the CM/RI for the last two SRF construction upgrades (12 million each) for the City of Auburn WWTP. Chris would complete a constructability review of the design, validate the cost estimate, and if requested, he can complete the SRF labor compliance forms and interviews.

Subconsultants

Doug Brewer (*Dewberry Drake Haglan Inc.*)

Doug Brewer with DDH will lead the CEQA compliance task, with specific emphasis on the wetland and streambed mitigations expected on the pipeline. Doug has over 30 years of experience assisting clients in the fields of environmental disclosure and permitting with the California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), State and Federal Endangered Species Act (ESA), and Clean Water Act. If desired, DDH can also provide needed environmental monitoring during construction.

4. PROJECT TEAM

ATEEM Electrical *(SCADA Design and Programming)*

Sharon Kimizuka, P.E. would lead the electrical design, and Erik Burns, P.E. would lead the SCADA. ATEEM will draw from its experience at various CCWD treatment facilities for this project.

Wallace Kuhl & Associates *(Soils and Concrete Testing)*

Mike Watari, P.E. would represent Wallace Kuhl's activities in the project's geotechnical analysis, soils testing and concrete testing during construction. Their rate sheet for equipment and testing is attached.

Toma & Associates *(Surveying and Staking)*

Matt Toma would lead the surveying effort and coordinate the projects' surveying and staking activities through design and construction. Toma knows surveying requirements and conventions expected by the District.

WGA, Inc *(Construction Management and Inspection (Option))*

Matt Ospital, P.E., would lead the CM and inspection effort on behalf of WGA if the District decides to outsource all or a portion of this work. WGA is obviously local and has completed dozens of projects for CCWD.

5. SCOPE OF WORK



Task 1 - Regional Board Permit Update

1.1 -1.2 Prepare Report of Waste Discharge and Subsequent Negotiations with the Regional Board

We will prepare the project's Report of Waste Discharge after finalizing the Project's Design Report (Task 2.1). The project will be re-permitted under SWRCB General Order for Small Domestic Wastewater Systems. Since the plant provides robust treatment including nitrogen removal and disinfection, we expect the Regional Board's interest to be on the updated water balance for 100-year winters and any monitoring well data that indicates the storage basins are impacting local groundwater. We will clarify the type of liner system (if any) needed for the Wilseyville emergency storage basin and the West Point storage ponds. We will submit the application materials 180 days prior to completion of the design so the permit is adopted prior to start of construction.

1.3 USFWS 1600, USACE 404, 401 Permits and Consultation

Our permitting specialist, Doug Brewer at Dewberry Inc., will review pipeline alignments and construction techniques to determine the extent that consultation with the USFWS and USACE will be required. As suggested in the RFP, our approach will be to route the pipelines above seasonal drainage to avoid these permits if possible.

Task 2 - Design and Engineering

2.1 Prepare Draft and Final Design Report

We will prepare a design report which provides the basis for recommended improvements and costs. A preliminary engineering report has already been completed. This design report will develop preliminary sizing and layouts of the proposed facilities. The Report would generally be considered a 30% design level of completeness.

Specific areas to be addressed in the Design Report include:

- Configuration of the Wilseyville Regional STEP Tanks, including number of tanks, materials of construction, tank volume, and pump selection.
- Extent of modifications to the Wilseyville Storage Pond, including removal of accumulated material and lining system.
- Configuration and size and possible vendors for the septage receiving station.

5. SCOPE OF WORK

- Design loading criteria for septage sludge lagoon system including water cap recirculation rates, volatile solids loading criteria, and basin dimensions for enhanced digestion.
- Comparison of sludge drying technologies (conventional, wedgewire, and greenhouses dryers) and preliminary layout of recommended facilities.
- Implications of Senate Bill (SB) 1383 on landfilling of sludge, options for producing Class A material, and acreage needed to land apply the material as a soil amendment under the State's Biosolids Land Application General Order.
- Updates to the District's 100-year wet winter water balance to confirm storage and irrigation acreage requirements. Since we agree with the District's approach, we would not expect significant changes to this balance but it would be included in the report for completeness.
- The addition of other improvements needed at either plant to improve reliability. These improvements typically include new controls and replacement of aging pumps or aerators

We will prepare a draft and, after review, a final design report.

Tasks 2.2 - 2.8 Prepare Plans and Specifications

We will prepare stamped design plans and specifications consistent with SRF loan requirements. As shown below, we estimate the project will require on the order of 50 engineering drawings to describe the project. This sheet count will be revised thought the course of design.

5. SCOPE OF WORK



Discipline and Area	Number of Drawings
<u>General Drawings</u>	
Title, Index, Abbreviations, Notes, Design Criteria	1
General Project Layout (Staging, etc.)	1
Flow Diagrams/Hydraulic Profiles	2
<u>Civil Drawings</u>	
- Typical Details	4
Site Paving, Grading & Drainage	2
Site Yard Piping Plan	1
Forcemain Piping Profiles	6
<u>Mechanical Drawings</u>	
- Mechanical Details	3
- Wilseyville STEP Tanks	2
- Wilseyville Emergency Storage Basin	2
- Septage Receiving Station	2
- Sludge Lagoons	2
- Drying Beds/ Greenhouses	4
- Chemical Feed Systems	2
- Spray PS Mods Plan and Details	1
<u>Electrical Drawings</u>	
Entire Job	TBD
<u>Instrumentation Drawings</u>	
Entire Job	TBD
DRAWINGS TOTAL	49

We will prepare and submit a 60 percent design (plans), 90 percent design (plans and specifications), and final design (stamped plans and specifications) submittal. . A design review workshop will follow each submittal. Meeting minutes will be prepared to ensure changes are documented. We will update the project cost estimate at each submittal.

Task 3 - Land Surveying and Construction Staking

3.1 Surveying and Staking Allowance.

Our team's Toma and Associates will complete needed topographic boundary surveys to support the design work. They will establish control using District datum. Prior to construction they will provide construction staking for the proposed

5. SCOPE OF WORK



facilities. This task is an allowance at the crew billing rates described in this Proposal.

Task 4 - SCADA Programming.

4.1 SCADA Programming Allowance

Our team's ATEEM Electrical Engineering, Inc will complete needed SCADA programming as construction nears completion. We find that providing the SCADA programming as a design service, rather than relying on the General Contractor's system integrators, ensures the task is completed most efficiently and without the potential for costly construction change orders during system start up and testing. This task is an allowance at the billing rates described in this Proposal.

Task 5 - Construction Management and Daily Inspection

Depending on the District's staff availability, our role in supporting the design through construction could include bidding assistance and engineering service during construction and could also include construction management and as-needed daily inspection. Our team includes WGA, Inc. for construction services if the District requires CM and inspection. WGA is local and has worked extensively with the District on various construction projects.

5.1 Advertise / Bidding / Addenda / Select

We will post PDF copies of the Contract Documents on contractor plan rooms and services such as CIPLIST.COM. We will participate in a pre-bid meeting with interested contractors, prepare addendum, and answer any bidder questions in writing. If requested we will review bids, review contractor qualification, and recommend award. We will also prepare a conformed set of Contract Documents for use during construction.

5.2 Engineering Services During Construction

We will provide engineering support during construction. We will review contractor submittals, respond to RFIs, review proposed change orders, and participate in project status meetings. We will also prepare record drawings at the end of the construction project

5.3 Construction Management and Inspection Allowance

Construction management and inspection for this size project (\$4 million) can be accomplished with one dedicated senior construction manager who also serves as the inspector. WGA can provide full or part time oversight depending on the

5. SCOPE OF WORK



District's other commitments at the time. Accordingly, this task is shown as an allowance until final design is complete.

Task 6 - Specialty Inspections (Soils, Concrete, Electrical)

If desired by the District our team can also perform specialty soil, concrete, and electrical inspection. Because the extent of this work will not be known until design is complete, this task is shown as an allowance at the billing and testing rate schedule shown in this proposal.

6.1 and 6.2 Geotechnical and Concrete Testing

Our team's Wallace & Kuhl, Inc. will complete needed geotechnical explorations and foundation recommendations during design. W&K will also perform any soils testing and concrete strength tests specified during construction at the equipment and testing rate schedule provided in this proposal.

6.3 Electrical Testing

Inspection and testing of electrical components for pre-commissioning will be completed by ATEEM. ATEEM will review documentation for completion of each factory acceptance tests (FATs) including material tests, manufacturing tests, mechanical equipment tests, electrical equipment tests, control and monitoring equipment tests. ATEEM will complete electrical equipment tests including check of loops, interlocks, inputs, etc, check of PLC and SCADA logic; point to point tests; electrical integrity tests, including electrical tests for insulation, earth leakage, resistance to high voltage; voltage tests; and trip tests.

Task 7 - Environmental Monitoring

7.1 Environmental Monitoring During Construction

If desired by the District, Dewberry Associates will conduct environmental monitoring described in the project's environmental document and cultural resources compliance documentation. This task is currently an allowance until project construction can be better defined.

Task 8 - Labor Compliance Program

8.1 Labor Compliance During Construction

SRF requires labor compliance reports to be completed to assist in the implementation, tracking and reporting required for conformance with the Davis

5. SCOPE OF WORK

Bacon Act. Davis-Bacon requires contractors and subcontractors to pay all laborers and mechanics at prevailing wage rates for similar jobs, Laborers and mechanics must be paid weekly and without unauthorized deductions, and must be compensated at an overtime rate of pay for hours worked in excess of forty hours in a work week. We will monitor Davis-Bacon compliance by reviewing payroll records and conducting employee interviews. If the District elects to hire a dedicated construction manager, our experience is that these reports and interviews can be completed by the CM.

6. LIST OF DELIVERABLES

Deliverables

Nexgen will provide monthly project updates and invoices and well as all meeting agendas, minutes and associated presentation materials from workshops or meetings.

We also expect to utilize on-line document delivery and commenting for this project so that all team members have the most recent documentation readily available for decision making and SRF project management.

Task 1 - Regional Board Permit Update

Nexgen will prepare DRAFT and FINAL Reports of Waste Discharge (RWD). The RWD will include all applicable EPA forms and supporting documentation, including a compilation of groundwater water quality data, and an updated water balance.

We will also submit summary minutes of meetings with Regional Board staff and provide additional documentation if required by the Regional Board for issuance of the new Waste Discharge Requirements (New Permit).

Task 2 - Design and Engineering

The initial design documents submitted will be a DRAFT and FINAL Design Reports.

The FINAL Design Report will present a level of detail similar to a 30% Plans, so the first full design submittal will be a 60% set of plans that will have sufficient detail to make final determinations of structure and facilities sizing and location such that CCWD staff and other local stakeholders can understand the full scope of Construction work and make any adjustments due to operational or community concerns. We will then produce a 90% set of Plans and Specifications for final review before issuing the 100% (Bid) Contract Documents Agendas and Minutes, as well as Presentation Materials will be provided for all Project Design Review Meetings/Workshops.

A project cost estimate will accompany the FINAL Design Report, which will be updated with the 60% and 90% Plans submittals. We will provide the Engineer's Estimate of Probable Construction Cost with the 100% BID Contract Documents.

6. LIST OF DELIVERABLES



Task 3 - Land Surveying and Construction Staking

We will provide the District the AutoCAD survey files.

Task 4 - SCADA Programming

ATEEM will provide complete SCADA programming documentation and provide CCWD staff training on the SCADA systems installed for this project. This work will also include a follow up site visit, approximately 6 months after completion of construction, to work with CCWD staff to address any problems, or make modifications to the SCADA programming. This work is important to confirm any operational problems that may be due to equipment performance are clearly identified as such before expiration of the Contractor's (1 year) warranty obligations.

Task 5 - Construction Management and Daily Inspection

We have included typical BID services such as advertising, pre-bid meeting agenda, provide written answers to Bidder's questions and issue any needed addenda. After reviewing bids and contractor references we will also provide a memo recommending award. A set of CONFORMED Plans and Specifications will be prepared for use during construction, RECORD Drawings will be provided at the completion of Construction.

In addition to the daily logs, RFIs, and Change Order documentation typical of all construction jobs, Nexgen can provide all required SRF project documentation. These are expected to include:

- Quarterly SRF Progress Reports
- Annual SRF Progress Reports
- FINAL Project Report
- O&M Manual for the new facilities

Other SRF related documents are listed in Tasks 7 and 8. We will also work with the General Contractor to prepare Monthly Construction Progress Payment Requests for submittal to CCWD staff. As noted in our cover letter, we will work with CCWD staff to determine the extent of services requested for some of the above construction inspection documentation.

6. LIST OF DELIVERABLES

Task 6 - Specialty Inspections (Soils, Concrete, Electrical)

Copies of all inspection reports will be provided in the Project Record Files

Task 7 - Environmental Monitoring

Environmental Compliance Reports will be prepared as required by the Monitoring and Reporting Plan and SRF requirements.

7. PROJECT SCHEDULE



West Point and Wilseyville Wastewater Treatment Facilities Consolidation Project Project Schedule 2020 / 2021 / 2022 / 2023 Calaveras County Water District				2020				2021				2022				2023														
TASK DESCRIPTION	PLAN START	PLAN END	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Task 1 - Regional Board Permit Update																														
Prepare Report of Waste Discharge	2/1/2021	4/1/2021																												
Negotiations with Regional Board	4/1/2021	11/1/2021																												
USFWS 1600, USACE 404, 401	1/1/2021	11/1/2021																												
Task 2 - Design and Engineering																														
Prepare Draft and Final Design Report	11/1/2020	3/1/2021																												
Prepare Plans and Specifications	3/1/2021	12/1/2021																												
60% Submittal - Plans	-	7/1/2021																												
90% Submittal - Plans and Specifications	-	10/1/2021																												
100% Submittal (BID Set) - Plans and Specs	-	12/1/2021																												
Engineer's Opinion of Const. Cost	2/1/2021	12/1/2021																												
Final Constructability QA/QC	9/1/2021	12/1/2021																												
Meetings, PM and Administration	11/1/2021	8/1/2023																												
Task 3 - Land Surveying and Construction Staking																														
Surveying and Staking Field Work	-	3/10/2020																												
Task 4 - SCADA Programming																														
SCADA Programming	3/1/2023	11/1/2023																												
Task 5 - Construction Management and Daily Inspection																														
Advertise / Bidding / Addenda / Select	12/1/2021	2/1/2022																												
Engineering Services During Construction	4/1/2022	7/1/2023																												
CM and Inspection	4/1/2022	7/1/2023																												
Task 6 - Specialty Inspections (Soils, Concrete, Electrical)																														
Geotechnical	3/1/2021	7/1/2023																												
Concrete	6/1/2022	11/1/2022																												
Electrical	2/1/2023	7/1/2023																												
Task 7 - Environmental Monitoring																														
Environmental Monitoring During Const	5/1/2022	7/1/2022																												
Task 8 - Labor Compliance Program																														
Labor Compliance During Const	4/1/2022	7/1/2023																												

8. FEE ESTIMATE



Task	Staff Hours at Indicated Rate					NEX GEN (Civil, Mechanical)	SUBCONSULTANTS					Markup or Printing Expenses	Total
	Principal	Senior	Associate	Engineer	Senior CAD		ATEEM (Electrical and Controls)	Dewberry (Environmental Compliance)	WGA (CM and Inspection)	Toma (Surveying)	Wallace Kuhl (Geotechnical and Const and Testing)		
	\$ 220	\$ 200	\$ 180	\$ 160	\$ 120		see attached	170	(a)	See rate sheet			
Task 1 - Regional Board Permit Update													
1.1 Prepare Report of Waste Discharge	12	32	48	60	24	\$ 30,160						\$ 160	\$ 30,320
1.2 Negotiations with Regional Board	8	16	16	16		\$ 10,400							\$ 10,400
1.3 USFWS 1600, USACE 404, 401	4	8				\$ 2,480		40					\$ 9,280
Total Task 1	24	56	64	76	24	\$ 43,040		40				\$ 160	\$ 50,000
Task 2 - Design and Engineering													
2.1 Prepare Draft and Final Design Report	16	30	40	56	40	\$ 30,480						\$ 340	\$ 30,820
2.2 Prepare Plans and Specifications	95	265	326	387	480	\$ 252,100	\$ 60,000					\$ 6,000	\$ 318,100
2.3 60% Submittal - Plans	8	12	16	16	24	\$ 12,480						\$ 600	\$ 13,080
2.4 90% Submittal - Plans and Specifications	4	8	15		12	\$ 6,620						\$ 1,000	\$ 7,620
2.5 100% Submittal (BID Set) - Plans and Specs	4	8	15		12	\$ 6,620						\$ 2,000	\$ 8,620
2.6 Engineer's Opinion of Const. Cost	4	8	4	8	4	\$ 4,960							\$ 4,960
2.7 Final Constructability QA/QC	8	16			4	\$ 5,440							\$ 5,440
2.8 Meetings, PM and Administration	24	24		8		\$ 11,360							\$ 11,360
Total Task 2	68	106	90	88	96	\$ 330,060	\$ 60,000					\$ 9,940	\$ 400,000
Task 3 - Land Surveying and Construction Staking													
3.1 Surveying During Predesign										\$ 13,000		\$ 1,000	\$ 14,000
3.2 Construction Staking										\$ 10,000		\$ 1,000	\$ 11,000
Total Task 3										\$ 22,000		\$ 1,000	\$ 25,000
Task 4 - SCADA Programming													
4.1 SCADA Programming Allowance							\$ 45,000					\$ 5,000	\$ 50,000
Total Task 4							\$ -	\$ 45,000				\$ 5,000	\$ 50,000
Task 5 - Construction Management and Daily Inspection													
5.1 Advertise / Bidding / Addenda / Select	8	12	16	24	12	\$ 12,320						\$ 120	\$ 12,440
5.2 Engineering Services During Construction	16	32	80	80	12	\$ 38,560							\$ 38,560
5.3 CM and Inspection Allowance						\$ -			\$ 90,000			\$ 9,000	\$ 99,000
Total Task 5	24	44	96	104	24	\$ 50,880			\$ 90,000			\$ 9,120	\$ 150,000
Task 6 - Specialty Inspections (Soils, Concrete, Electrical)													
6.1 Geotechnical Investigations During Predesign						\$ -					\$ 7,000	\$ 1,000	\$ 8,000
6.2 Geotechnical Testing During Construction						\$ -					\$ 6,000	\$ 1,000	\$ 7,000
6.3 Concrete						\$ -				\$ 9,000		\$ 1,000	\$ 10,000
6.4 Electrical						\$ -	\$ 9,000					\$ 1,000	\$ 10,000
Total Task 6						\$ -	\$ 9,000			\$ 23,000		\$ 4,000	\$ 35,000
Task 7 - Environmental Monitoring													
7.1 Environmental Monitoring During Const								\$ 18,000				\$ 2,000	\$ 20,000
Total Task 7								\$ 18,000				\$ 2,000	\$ 20,000
Task 8 - Labor Compliance Program													
8.1 Labor Compliance During Const	3	6	12	100		\$ 20,000							\$ 20,000
Total Task 8	3	6	12	100		\$ 20,000						\$ 2,000	\$ 20,000
TOTAL PROJECT THROUGH CONSTRUCTION						\$ 443,980	\$ 114,000	\$ 22,840	\$ 90,000	\$ 22,000	\$ 23,000	\$ 33,220	\$ 750,000
PROJECT BUDGET THROUGH BIDDING													\$ 484,440

(a) Toma Survey Crews rates are \$275 perhour for a 2 man crew, and \$205 per hour for 1 person GPS

FIELD SERVICES

CONCRETE & REINFORCING STEEL

Ball Penetration (Kelly Ball)	\$140.00 /hr.
Batch Plant Inspection	\$110.00 /hr.
CaCl Moisture Emission Test Kit	\$35.00 /kit
CaCl Moisture Emission Testing	\$105.00 /hr.
CLSM/CDF/Slurry Testing	\$105.00 /hr.
Concrete Mix Design Review	\$190.00 /hr.
Concrete Placement Obs/Cast Cylinder	\$110.00 /hr.
Concrete Rebound Number Testing	\$140.00 /hr.
Concrete Trial Batch	\$110.00 /hr.
Floor Flatness Testing	\$140.00 /hr.
High Strength Grout Sampling / Testing	\$110.00 /hr.
Rebar / Post Tension Special Inspection	\$115.00 /hr.
Rebar Location / GPR	\$310.00 /hr.
Rebar Location / Pachometer	\$140.00 /hr.
Rebar Placement Inspection	\$115.00 /hr.
Reinforcing Steel Sampling/Tagging	\$110.00 /hr.
Relative Humidity Testing	\$140.00 /hr.
Shotcrete Special Inspection	\$110.00 /hr.
Transport Cylinders / Samples to Lab	\$110.00 /hr.

CORING

Coring (Technician + equipment)	\$140.00 /hr.
Coring (Technician assistant)	\$110.00 /hr.

POST-INSTALLED ANCHORS

Concrete Anchor Installation Inspection	\$110.00 /hr.
Concrete Anchor Proof Load Testing	\$140.00 /hr.
Concrete Anchor Torque Testing	\$115.00 /hr.
Suspended Ceiling Inspection / Testing	\$140.00 /hr.

STRUCTURAL STEEL

Fireproofing Special Inspection / Testing	\$110.00 /hr.
High Strength Bolt Special Inspection	\$115.00 /hr.
Material Identification	\$115.00 /hr.
Non-Destructive Testing - UT/MT/PT	\$125.00 /hr.
Tower Certified Special Inspector	\$140.00 /hr.
Welding Special Inspection - Field	\$115.00 /hr.
Welding Special Inspection - Shop	\$115.00 /hr.

MASONRY

In-Place Masonry Flatjack Testing	\$170.00 /hr.
In-Place Masonry Shear Testing	\$140.00 /hr.
Masonry Materials Sampling / Testing	\$110.00 /hr.
Masonry Special Inspection	\$110.00 /hr.
Masonry Special Inspection DSA Cert.	\$120.00 /hr.

* Based on hourly rate of Inspection or Testing scheduled
 ** Based on Staff Classification

MINIMUM CHARGES

A two hour minimum charge will apply to field technician services with the following exceptions:
 a) Single trip pickup and delivery services, where a one hour minimum will apply.
 b) Saturday, Sunday and holidays, where a four hour minimum charge will apply.

SOILS & ASPHALT CONCRETE

Asphalt Concrete Inspection / Testing	\$115.00 /hr.
Asphalt Concrete Materials Sampling	\$115.00 /hr.
Building Pad Special Inspection / Testing	\$115.00 /hr.
Deep Foundation Inspection	\$115.00 /hr.
Flatwork AB Inspection / Testing	\$115.00 /hr.
Flatwork Subgrade Inspection / Testing	\$115.00 /hr.
Grading Inspection / Testing	\$115.00 /hr.
Hand Augering and Sampling	\$145.00 /hr.
Pavement AB Inspection / Testing	\$115.00 /hr.
Pavement Subgrade Inspection / Testing	\$115.00 /hr.
Proof Rolling Observation	\$115.00 /hr.
Shallow Foundation Inspection	\$115.00 /hr.
Slab Subgrade Soil Moisture Tests	\$115.00 /hr.
Soil / Aggregate Sampling	\$115.00 /hr.
Soil Treatment Testing / Observation	\$115.00 /hr.
Structure Backfill Inspection / Testing	\$115.00 /hr.
Subgrade Stabilization Observation	\$115.00 /hr.
Utility Trench Backfill Testing	\$115.00 /hr.
WKA Drill Rig (including operator)	\$235.00 /hr.
WKA Drill Rig (helper)	\$115.00 /hr.

SPECIALIZED SERVICES

Coefficient of Friction Testing	\$145.00 /hr.
Crack Monitoring	**
Epoxy / FRP Installation Inspection	\$110.00 /hr.
Existing Building Evaluation / Demo	\$110.00 /hr.
Existing Building Evaluation / Document	\$110.00 /hr.
Existing Building Evaluation / Repair	\$110.00 /hr.
Field Investigate Support	\$110.00 /hr.
Firestopping Inspection	\$125.00 /hr.
GFRC Inspection / Testing	\$110.00 /hr.
Glulam / Truss Fabrication Inspection	\$120.00 /hr.
Glulam / Truss Inspection Travel	\$85.00 /hr.
Meggar Ground Testing	\$140.00 /hr.
Prestress Framing Installation	\$110.00 /hr.
Proto Wall Inspection / Testing	\$110.00 /hr.
Roofing Inspection	\$110.00 /hr.
Shear Nailing Inspection	\$110.00 /hr.
Soil Elect. Resistivity Testing - Technician	\$145.00 /hr.
Thickness Testing - Coating / Steel	\$140.00 /hr.
Timber Framing / Hardware Inspection	\$110.00 /hr.
Timber-in-Structure Inspection	\$140.00 /hr.
Vapor Barrier Inspection	\$110.00 /hr.
Vibration Monitoring	**

GENERAL

Inspection / Testing Cancelled	*
Reinspection / Retesting	*
Stand-by Time	*



LABORATORY SERVICES**SOIL**

Atterberg Limits (LL/PI)	ASTM D4318	\$160.00	each
CLSM/CDF/Soil Cement Compression Test	ASTM D4832	\$60.00	each
Compaction Characteristics	ASTM D698	\$260.00	each
Compaction Characteristics	ASTM D1557	\$260.00	each
Compaction Characteristics	CTM 216	\$260.00	each
Consolidation (8 loads + 1 rebound)	ASTM D2435	\$470.00	each
Consolidation (additional loads)	ASTM D2435	\$55.00	each
Expansion Index	ASTM D4829	\$195.00	each
Hydraulic Conductivity, Flexible Wall Permeability	ASTM D5084	\$420.00	each
Lime-Treated Unconfined Compression	CTM 373	\$800.00	each
Moisture Content	ASTM D2216	\$30.00	each
Organic Content	ASTM D2974	\$100.00	each
Particle-Size Distribution - Hydrometer	ASTM D7928	\$160.00	each
Particle-Size Distribution - Sieve Analysis	ASTM D6913	\$110.00	each
Resistance "R" Value - Laboratory Lime-Treated	ASTM D2844, CTM 301	\$315.00	each
Resistance "R" Value - Untreated	ASTM D2844, CTM 301	\$265.00	each
Sieve Analysis - Passing No. 200 only	ASTM D1140	\$95.00	each
Specific Gravity of Soils	ASTM D854	\$140.00	each
Thermal Resistivity	ASTM D5334	\$80.00	each
Triaxial Compression Test, 1 point - Remolded	ASTM D4767	\$335.00	each
Triaxial Compression Test, 1 point - Undisturbed	ASTM D4767	\$260.00	each
Triaxial Compression Test, 3 Pt. Staged - Remolded	ASTM D4767	\$390.00	each
Triaxial Compression Test, 3 Pt. Staged - Undisturbed	ASTM D4767	\$305.00	each
Unconfined Compression Test	ASTM D2166	\$110.00	each
Unit Weight/Moisture Content - Tube Sample	ASTM D2937/D2216	\$40.00	each

AGGREGATE

Aggregate Unit Weight	ASTM C29	\$60.00	each
Clay Lumps and Friable Particles	ASTM C142	\$160.00	per size
Cleanness Value	CTM 227	\$170.00	each
Durability Index (Coarse or Fine)	CTM 229	\$165.00	each
Flat and Elongated Particles in Coarse Aggregate	ASTM D4791	\$120.00	per size
Fractured/Crushed Particles	ASTM D5821, CTM 205	\$120.00	per size
Organic Impurities in Fine Aggregates	ASTM C40	\$65.00	each
Resistance "R" Value - Aggregate	CTM 301	\$315.00	each
Sand Equivalent, 1 point	CTM 217	\$100.00	each
Sand Equivalent, 3 points	CTM 217	\$135.00	each
Sieve Analysis - Coarse or Fine	ASTM C136, CTM 202	\$110.00	each
Sieve Analysis - Passing No. 200 only	ASTM C117	\$95.00	each
Sodium Sulfate Soundness	ASTM C88, CTM 214	\$160.00	per size
Specific Gravity and Absorption (Coarse or Fine)	ASTM C127, C128	\$130.00	each

ASPHALT CONCRETE

Asphalt Content (Ignition Oven)	ASTM D6307, CTM 382	\$260.00	each
Hveem Compacted Unit Weight, 1 point	ASTM D1560/D2726		
	CTM 304/308	\$110.00	each
Laboratory Test Maximum Density (LTMD), 5 points	CTM 375	\$360.00	each
Marshall Compacted Unit Weight, 1 point	ASTM D6926/D2726	\$110.00	each
Sieve Analysis of AC Aggregate (Coarse and Fine)	ASTM D5444, CTM 202	\$180.00	each
Stabilometer Value, 1 point	CTM 366	\$135.00	each
Theoretical Maximum Density	ASTM D2041, CTM 309	\$160.00	each
Thickness of AC Cores	ASTM D3549	\$20.00	each
Unit Weight of AC Cores	ASTM D2726, D1188, CTM 308	\$60.00	each



LABORATORY SERVICES

CONCRETE

Compression Test, Concrete Cylinder	ASTM C39	\$30.00	each
Compression Test, Concrete Cylinder - Hold	ASTM C39	\$25.00	each
Compression Test, Concrete Core	ASTM C42, C39	\$85.00	each
Compression Test, Shotcrete Core	ASTM C42, C39	\$110.00	each
Compression Test, High Strength Grout	ASTM C1107/C109	\$45.00	each
Concrete Cylinder Mold		\$7.00	each
Density / Unit Weight of Concrete	ASTM C567, C642	\$100.00	each
Flexural Strength Test, Concrete Beam	ASTM C78	\$115.00	each
Laboratory Drying Shrinkage Test, per beam	ASTM C157	\$195.00	each
Splitting Tensile Test, Concrete Cylinder	ASTM C496	\$85.00	each

MASONRY

Brick			
Compression Test	ASTM C67	\$70.00	each
Modulus of Rupture	ASTM C67	\$80.00	each
Absorption	ASTM C67	\$95.00	each
Concrete Masonry Unit			
Compression Test	ASTM C140	\$80.00	each
Absorption & Moisture Content	ASTM C140	\$80.00	each
Linear Drying Shrinkage	ASTM C426	\$220.00	each
Compression Test, Composite Masonry Prism	ASTM C1314	\$140.00	each
Compression Test, Masonry Grout	ASTM C1019	\$45.00	each
Compression Test, Mortar	ASTM C780/C109	\$40.00	each
Core Shear Test	CBC Section 2105A	\$95.00	each
Masonry Core Compression Test	CBC Section 2105A	\$80.00	each

STEEL

Anchor Bolt Tensile Test	ASTM F606	\$110.00	each
Fireproofing Density Test	ASTM E605	\$100.00	each
High Strength Bolt Assembly Laboratory Testing			
Bolt - Wedge Tension Test	ASTM F606	\$80.00	each
Bolt - Proof Load Test	ASTM F606	\$80.00	each
Bolt - Hardness Test	ASTM E18	\$40.00	each
Nut - Proof Load Test	ASTM F606	\$80.00	each
Nut - Hardness Test	ASTM E18	\$40.00	each
Washer - Hardness Test	ASTM E18	\$40.00	each
Prestressing Steel Strand Tensile Test	ASTM A416/A1061	\$150.00	each
Reinforcing Steel (Rebar) Tensile Test			
Up to No. 7	ASTM A615, A706/A370	\$90.00	each
From No. 8 through No. 14	ASTM A615, A706/A370	\$120.00	each
Reinforcing Steel (Rebar) Bend Test	ASTM A615, A706/A370	\$50.00	each
Structural Steel Tensile Test			
Up to 3/4"	ASTM A370	\$110.00	each
Sizes Larger Than 3/4"	ASTM A370	\$125.00	each
Machining of Test Specimens		cost plus 20%	
Structural Steel Hardness Test	ASTM E18	\$85.00	each
Torque Wrench Calibration Test (min. of 4 wrenches)		\$85.00	each
Weld Assembly, Guided Bend/Macroetch/T-Bend Test	AWS D1.1, ASTM E190	\$85.00	per test
Welder Qualification Test Inspection		\$95.00	per hour
Welder Qualification Test Record		\$100.00	each

TESTING SERVICES

Laboratory Technician		\$95.00	per hour
-----------------------	--	---------	----------





A T.E.E.M. 2020 DESIGN STANDARD RATES

The following lists *A T.E.E.M.*'s Standard Hourly Rates. Labor rates will stay the same for any overtime work charges to the project. All work will be invoiced per the following rate schedule:

A T.E.E.M. ELECTRICAL ENGINEERING RATE SCHEDULE

P.E. Field Engineering:	\$210 per hour
P.E. Office Engineering:	\$200 per hour
Technical Assistant:	\$120 per hour
Minor Travel expenses:	Included in hourly rate
Miscellaneous expenses:	Cost +15%

All hourly costs include standard office costs, such as copying and binding documents, telephone charges, insurance, overhead, computer usage, software and profit. Also included in the field engineering and electrical inspector hourly rates are all travel costs to the jobsite.

The rates **DO NOT** include lodging, meals for overnight stays, rental equipment, or special project material when necessary. These miscellaneous expenses will be billed at cost plus 15%.



A T.E.E.M. 2021 CONSTRUCTION STANDARD RATES

The following lists A T.E.E.M.'s Standard Hourly Rates. Labor rates will stay the same for any overtime work charges to the project. All work will be invoiced per the following rate schedule:

A T.E.E.M. ELECTRICAL ENGINEERING RATE SCHEDULE

Field Programmer:	\$230 per hour
Office Programmer:	\$220 per hour
P.E. Field Engineering:	\$220 per hour
P.E. Office Engineering:	\$210 per hour
Technical Assistant:	\$120 per hour
Minor Travel expenses:	Included in hourly rate
Miscellaneous expenses:	Cost +15%

All hourly costs include standard office costs, such as copying and binding documents, telephone charges, insurance, overhead, computer usage, software and profit. Also included in the field engineering and electrical inspector hourly rates are all travel costs to the jobsite.

The rates **DO NOT** include lodging, meals for overnight stays, rental equipment, or special project material when necessary. These miscellaneous expenses will be billed at cost plus 15%.

RESOLUTION NO. 2020-__

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

**AUTHORIZING DESIGN CONTRACT FOR THE WEST POINT AND WILSEYVILLE
WASTEWATER FACILITIES CONSOLIDATION PROJECT, CIP 15072**

WHEREAS, upon issuing a Request for Proposals (RFP) on August 4, 2020 for engineering and design services for the subject project and conducting a job walk of the project area with prospective consulting firms interested in submitting proposals, the District received seven (7) proposals as of the due date of September 24, 2020, and

WHEREAS, the District Engineer and other staff reviewed all proposals considering qualifications and experience, team organization, scope of work, cost effectiveness, schedule and other criteria, and among the top ranking proposals staff recommends the Award of the contract for engineering and design services to NEXGEN Utility Management Inc., and

WHEREAS, the project is being funded by State Water Resources Control Board Revolving Fund construction grant and sufficient funds are authorized in the fiscal year 2020/21 CIP budget, and

BE IT RESOLVED, the CALAVERAS COUNTY WATER DISTRICT BOARD of Directors hereby approves the proposal submitted by NEXGEN Utility Management Inc., attached hereto and made a part hereof, and authorizes the General Manager to enter into a Professional Services Agreement (PSA) with NEXGEN Utility Management Inc. for a total contract amount not to exceed \$750,000 including an initial contract amount of \$484,440 for design and bidding of the project and discretionary contract amendments for optional professional services including \$215,560 for construction management and \$50,000 for SCADA programming. in the amount of \$750,000.00 for engineering and design services for said project;

PASSED AND ADOPTED this 9th day of December, 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: December 9, 2020

TO: Michael Minkler, General Manager

FROM: Charles Palmer, P.E., District Engineer

SUBJECT: Discussion / Action Regarding Division 3 / Ebbetts Pass Acceptance and Final Completion of the Reach 1 Water Transmission Pipeline Replacement Project, CCWD CIP #11085

RECOMMENDED ACTION:

Motion: _____ / _____ adopting Resolution No. 2020-____ accepting Completion of the Ebbetts Pass Water System Reach 1 Pipeline Replacement Project, CIP #11085 by Mozingo Construction, Inc. and directing a Notice of Completion for said work to be recorded with the Calaveras County Recorder.

SUMMARY:

The Ebbetts Pass Water System Reach 1 Water Transmission Pipeline Replacement Project serves communities along State Route 4 from Forest Meadows to Hathaway Pines. This project included construction of 24,000 feet of new 12-inch ductile iron pipeline, replacement of ten (10) pressure reducing stations and other appurtenances (fire hydrants, air relief valves, etc.) Mozingo Construction was awarded the construction contract on March 13, 2019 and construction was complete as of November 5, 2020. At this time, CCWD staff recommends final acceptance of the project. Upon final acceptance of the project by the Board and recordation of the Notice of Completion, the effective date of the warranty period and notification of final payment will commence. The release of retention and final payment totaling \$341,615.06 will be made no sooner than thirty (30) days after recording the Notice of Completion.

FINANCIAL CONSIDERATIONS:

The estimated total construction costs are shown below.

ORIGINAL BID AMOUNT	\$ 6,744,390.00
NET CHANGE ORDERS	\$ 87,911.24
FINAL CONTRACT AMOUNT	\$ 6,832,301.24

This project has been funded through the Water Capital R&R Fund 125 and a portion of the project (30%) is available for future development within the project limits and may be funded through available expansion funds in the Ebbetts Pass Expansion Fund 354. The final dollar amounts will be provided in the mid-year budget reconciliation.

*Attachments: Notice of Completion
Resolution No. 2020 - _____ Accepting Completion of the Reach 1 Water Transmission Pipeline Replacement
Project, CCWD CIP #11085*

Recorded at the Request of
and Return to:

CALAVERAS COUNTY WATER DISTRICT
POST OFFICE BOX 846
SAN ANDREAS, CA 95249

NOTICE OF COMPLETION

OWNER: CALAVERAS COUNTY WATER DISTRICT
Post Office Box 846
San Andreas, CA 95249

PROJECT: EBBETTS PASS WATER SYSTEM REACH 1 PIPELINE
REPLACEMENT PROJECT
CIP NO. 11085
Plans and Specifications dated October 30, 2018
Contract dated April 1, 2019
Resolution No. 2019-20, March 13, 2019

CONTRACTOR: Mozingo Construction, Inc.
751 Wakefield Court
Oakdale, CA 95361

NOTICE IS HEREBY GIVEN, pursuant to Section 3093 of the Civil Code of the State of California, that I, Charles Palmer, P.E., District Engineer for the EBBETTS PASS WATER SYSTEM REACH 1 PIPELINE REPLACEMENT PROJECT, CIP. NO. 11085, CALAVERAS COUNTY WATER DISTRICT, hereby certify that the Project described above was constructed to the best of my knowledge in accordance with the plans, specifications, and any modifications thereto. The construction of improvements were completed on November 5, 2020.

Said work consisted of all labor, materials, equipment, and services for construction of 24,000 feet of new 12-inch ductile iron pipeline, replacement of ten (10) pressure reducing stations, and installation of other pipeline appurtenances. The alignment starts at Hunter Dam Road near Avery, continues westward along State Route 4 through Hathaway Pines, Red Apple Ranch and ends 6,000 feet downhill below Forest Meadows. Prior to completion, the right-of-way, project area, pavement and private property was restored to satisfactory condition.

DATED: December __, 2020

CALAVERAS COUNTY WATER DISTRICT

Charles Palmer, P.E.
District Engineer

RESOLUTION NO. 2020-__

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

**COMPLETION AND ACCEPTANCE OF THE EBBETTS PASS WATER SYSTEM
REACH 1 PIPELINE REPLACEMENT PROJECT, CIP NO. 11085**

WHEREAS, the District Engineer of the Calaveras County Water District has executed Notice of Completion for the EBBETTS PASS WATER SYSTEM REACH 1 PIPELINE REPLACEMENT PROJECT, CIP NO. 11085, verifying that all work is completed pursuant to the contracts between the CALAVERAS COUNTY WATER DISTRICT and MOZINGO CONSTRUCTION, INC., and;

WHEREAS, it appears to the satisfaction of this Board that said work under the subject Construction Agreement has been fully completed and performed as required in said Agreement and the plans and specifications therein referred.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of CALAVERAS COUNTY WATER DISTRICT that:

1. Acceptance of completion of said work is hereby made and ordered.
2. The Clerk to the Board of Calaveras County Water District is hereby directed to record with the Calaveras County Recorder the Notice of Completion, pursuant to Section 3093 of the Civil Code of the State of California.

PASSED AND ADOPTED this 9th day of December, 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

President
Board of Directors

ATTEST

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: December 9, 2020

TO: Michael Minkler, General Manager

FROM: Kevin Williams, Civil Engineer

SUBJECT: Discussion/Action Regarding Division 3/Ebbetts Pass Acceptance and Final Completion of the Techite Pipeline Replacement Project, CCWD CIP #11084

RECOMMENDED ACTION:

Motion: _____ / _____ adopting Resolution No. 2020-_____ Accepting completion of the Ebbetts Pass Water System Techite Pipeline Replacement Project, CIP #11084 by KW Emerson, Inc. and directing a Notice of Completion for said work to be recorded with the Calaveras County Recorder.

SUMMARY:

The Ebbetts Pass Water System Techite Pipeline Replacement Project serves the community of Camp Connell. The project included replacement of 6,980 feet of techite water main with new 10-inch ductile iron water main, installation of pressure reducing station and other appurtenances (fire hydrants, air valves, etc). K.W. Emerson was awarded the construction contract on April 17, 2020, work was substantially complete as of November 16, 2020. At this time, CCWD staff recommends final acceptance of the Techite Pipeline Replacement Project. Upon final acceptance of the project by the Board and recordation of the Notice of Completion, the effective date of the warranty period and notification of final payment will commence. The release of retention and final payment totaling \$144,898.73 will be made no sooner than thirty (30) days after recording the Notice of Completion.

FINANCIAL CONSIDERATIONS:

The estimated total project costs are shown below.

ORIGINAL BID AMOUNT	\$ 1,899,149.00
NET CHANGE ORDERS	\$ 84,956.00
FINAL CONTRACT AMOUNT	\$ 1,984,105.00

The project has been funded through the Water Capital R&R Fund 125. The final dollar amounts will be provided in the mid-year budget reconciliation.

Attachments:

- 1) *Notice of Completion*
- 2) *Resolution No. 2020 - _____ Accepting Completion of the Ebbetts Pass Water System Techite Pipeline Replacement Project, CIP No. 11084*

Recorded at the Request of
and Return to:

CALAVERAS COUNTY WATER DISTRICT
POST OFFICE BOX 846
SAN ANDREAS, CA 95249

NOTICE OF COMPLETION

OWNER: CALAVERAS COUNTY WATER DISTRICT
Post Office Box 846
San Andreas, CA 95249

PROJECT: EBBETTS PASS WATER SYSTEM TECHITE PIPELINE
REPLACEMENT PROJECT
CIP NO. 11084
Plans and Specifications dated January 16, 2020
Contract date April 15, 2020
Resolution No. 2020-20, March 25, 2020

CONTRACTOR: K.W. Emerson, Inc.
413 W St Charles St
San Andreas, CA 95249

NOTICE IS HEREBY GIVEN, pursuant to Section 3093 of the Civil Code of the State of California, that I, Charles Palmer, P.E., District Engineer for the EBBETTS PASS WATER SYSTEM TECHITE PIPELINE REPLACEMENT PROJECT, CIP. NO. 11084, CALAVERAS COUNTY WATER DISTRICT, hereby certify that the Project described above was constructed to the best of my knowledge in accordance with the plans, specifications, and any modifications thereto. The construction of improvements was completed on November 16, 2020.

Said work consisted of all labor, materials, equipment, and services for construction of 6,980 feet of new 10-inch ductile iron pipeline, installation of pressure reducing station, and installation of other pipeline appurtenances. The alignment starts at Meko Dr near Highway 4, continues south along Meko Drive to Blackfoot Circle, crosses Ottawa Dr and continues cross county where it terminates at Big Trees Water Storage Tanks 4/5. Prior to completion, the right-of-way, project area, pavement and private property was restored to satisfactory condition.

DATED: December __, 2020

CALAVERAS COUNTY WATER DISTRICT

Charles Palmer, P.E.
District Engineer

RESOLUTION NO. 2020-__

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

**COMPLETION AND ACCEPTANCE OF THE EBBETTS PASS WATER SYSTEM
TECHITE PIPELINE REPLACEMENT PROJECT, CIP NO. 11084**

WHEREAS, the District Engineer of the Calaveras County Water District has executed Notice of Completion for the EBBETTS PASS WATER SYSTEM TECHITE PIPELINE REPLACEMENT PROJECT, CIP NO. 11084, verifying that all work is completed pursuant to the contracts between the CALAVERAS COUNTY WATER DISTRICT and K.W. EMERSON, INC., and;

WHEREAS, it appears to the satisfaction of this Board that said work under the subject Construction Agreement has been fully completed and performed as required in said Agreement and the plans and specifications therein referred.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of CALAVERAS COUNTY WATER DISTRICT that:

1. Acceptance of completion of said work is hereby made and ordered.
2. The Clerk to the Board of Calaveras County Water District is hereby directed to record with the Calaveras County Recorder the Notice of Completion, pursuant to Section 3093 of the Civil Code of the State of California.

PASSED AND ADOPTED this 9th day of December, 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

President
Board of Directors

ATTEST

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: December 9, 2020
TO: Board of Directors
FROM: Michael Minkler, General Manager
SUBJECT: Independent Special District Representatives to the Calaveras LAFCO Board of Directors

RECOMMENDED ACTION:

Motion: _____ / _____ by Minute Entry cast ballot for _____ and _____ for the Independent Special District representatives to the Calaveras LAFCO Board of Directors.

SUMMARY:

The Calaveras LAFCO Executive Officer has called for nominations to fill two (2) vacancies and one (1) alternate seat representing the Independent Special Districts on the Calaveras LAFCO Board of Directors. Attached is a list of six (6) nominees from special districts to select from. The two nominees with the most votes will be seated on the LAFCO Board of Directors, and the nominee with the third highest votes will receive the alternate seat. **CCWD is to vote for two nominees.**

The term for a LAFCO Board member is four years. Ballots are due to LAFCO no later than December 18, 2020.

FINANCIAL CONSIDERATIONS:

None.

Attachments: November 16, 2020 Letter from LAFCO and Ballot

Calaveras Local Agency Formation Commission

November 16, 2020

TO: All Independent Special District Board Chairpersons

FROM: John Benoit, Executive Officer

SUBJECT: **Ballot for Independent Special District Representatives on LAFCO**

Dear Independent Special District Board Chair,

The nomination process has concluded with the nomination of six individuals running to become Independent Special District Representatives on LAFCO. You will be selecting two 4-year Independent Special District Representatives and one 4-year Independent Special District Alternate Representative. **Independent Special District Representatives to be seated on LAFCO are elected by the presiding officers (chair) of each Independent Special District.**

VOTE for two: The two persons receiving the most number of votes will be seated on LAFCO to the 4-year Independent Special District regular member term of office and the person receiving the third most number of votes will receive the 4-year alternate seat. In the event of a tie, there will be a coin toss.

You may be directly receiving information from candidates for LAFCO's Individual Special District representatives. Attached is information candidates have sent to me.

Please **vote for two**. Please be sure to sign, date and either mail your ballot to Calaveras LAFCO, c/o John Benoit, P.O. Box 2694, Granite Bay, California 95746 or by email at j.benoit4@icloud.com. Ballots must be received by December 18, 2020. **Any ballots received after that date or received unsigned will not be counted.**

If you have any questions, you may call me at (707) 592-7528 (cell) or (209) 754-6511 or email me at j.benoit4@icloud.com

Calaveras Local Agency Formation Commission

******Official Ballot****
Independent Special District Election**

November 16, 2020

Instructions to Voters (**District Presiding Officers or Chair**)

Indicate the **name of your district** in the space provided below:

Calaveras County Water District

Name of the Board of Director's Presiding Officer (or) Chair:

Name: _____ **Date:** _____

Signature: _____ **Phone #:** _____

EMAIL address: _____

Place an **X** on the line before the name of the nominee you want to represent Independent Special Districts on the Local Agency Formation Commission: **Vote for two.**

- | | |
|-----------------------|---|
| _____ Tony Tyrell | Incumbent, Angels Camp Veterans Memorial District |
| _____ John Lavaroni | Incumbent, Calaveras Public Utility District |
| _____ Jon Dashner | Ebbits Pass Fire Protection District |
| _____ Debra Sellick | Mark Twain Healthcare District |
| _____ Travis J. Owens | Murphys Sanitary District |
| _____ Kirk W. Smith | West Point Fire Protection District |

Ballot must be received by **December 18, 2020**. Mail to:

Calaveras Local Agency Formation Commission
c/o John Benoit
P.O. Box 2694
Granite Bay, CA 95746

Or by Email: at j.benoit4@icloud.com

***** BALLOTS MUST BE RECEIVED BY December 18, 2020*****
ANY BALLOT RECEIVED LATE OR UNSIGNED WILL NOT BE COUNTED.

Agenda Item

DATE: December 9, 2020
TO: Board of Directors
FROM: Brad Arnold, Water Resources Program Manager
SUBJECT: Update on Eastside Groundwater Sustainability Agency Proposed Formation of Joint Powers Authority

RECOMMENDED ACTION:

Receive and discuss information regarding proposed establishment of a Joint Powers Authority to replace the Eastside Groundwater Sustainability Agency Memorandum of Understanding. This is an information-only item and no action is required.

SUMMARY:

Item moved from November 11, 2020 Board of Directors' Regular Meeting. Some dates and information altered below from previous memo released for that meeting.

The Sustainable Groundwater Management Act of 2014 (SGMA) authorized the formation of Groundwater Sustainability Agencies (GSAs) by any local agency or combination of local agencies overlying a groundwater basin, and required those GSAs to adopt unified Groundwater Sustainability Plans (GSPs) to help achieve long-term sustainable management of California's groundwater basins. Calaveras County Water District (CCWD) overlies a portion of the Eastern San Joaquin Sub-Basin (Bulletin 118, Sub-Basin ID 5-022.01), an unadjudicated groundwater basin prioritized by the California Department of Water Resources (DWR) as "critically overdrafted" (Priority) due to historic over-consumption levels and groundwater quality issues, among other concerns. In 2017 CCWD joined other local agencies overlying this Sub-Basin to form the Eastern San Joaquin Groundwater Authority (Authority) via Joint Powers Authority (JPA), establishing a unique self-governed agency for the purpose of coordinating the GSAs of the Sub-Basin in accordance with SGMA. Also, in April 2017, CCWD, the County of Stanislaus, County of Calaveras, and Rock Creek Water District (collectively, the "Parties") executed a Memorandum of Understanding (MOU) to form the Eastside GSA, in order to represent their collective interests in the Authority and to provide more-local management of issues specific to their shared portion of the Sub-Basin. A map of the GSAs in the Sub-Basin, including the Eastside GSA, is shown in Attachment A.

In accordance with SGMA, and given the Sub-Basin's Priority, the Eastside GSA, under a joint document developed by the Authority, submitted its GSP to DWR on January 29, 2020 for review. The Authority anticipates receiving DWR's assessment within two years of the GSP submittal (by 2022), but in the meantime must continue to fulfill SGMA annual progress reporting and well level monitoring requirements for the Sub-Basin. CCWD and the County of Stanislaus contributed significant staff time and direction to develop the Eastside GSA sections of the GSP, and has been largely responsible for assisting the

Authority with the reporting and well monitoring; however, each of the Parties adopted the GSP and maintains separate representation in the Authority.

As the Eastside GSA moves forward with managing its portion of the Sub-Basin to meet the GSP sustainability targets and other SGMA requirements, the group may need to adopt a new governance structure to avoid placing an undue financial or staffing burden on any one Party. In addition, the SGMA legislation provides for certain authorities and responsibilities which GSAs may enact in order to ensure sustainable groundwater use by 2040 target dates. An overview is provided in the Attachment B handout. These authorities may best reside outside of the purview of any one Party to best avoid local government conflicts through coordinated management (e.g., groundwater consumption enforcement, land use planning/permitting, establishing over-use fees and taxes). Given that the Authority JPA structure has generally worked well to coordinate and focus the diverse GSA members of the large Sub-Basin, some members of the Eastside GSA have proposed using a similar governance structure to form a separate agency dedicated to local groundwater management. Ideally, the JPA version of the Eastside GSA would establish an agency structure, policies, and revenue stream independent of the Parties, and would provide for more equitable involvement in local groundwater management.

Preliminary assessment of each Party's interests in the Eastside GSA has suggested that the group should provide a platform to focus on the following topics under SGMA: groundwater supply reliance (for Stanislaus County), land use planning nexus (for Stanislaus and Calaveras Counties), groundwater-connected infrastructure and well monitoring (for CCWD), and engagement with local stakeholders (for Rock Creek Water District). While these interests may vary in terms of needed involvement, the JPA concept may provide the greatest likelihood of ensuring Party engagement, representation, and protecting each Parties' existing authorities given those granted to GSAs under the SGMA legislation (versus an MOU). A draft Eastside GSA JPA Agreement was circulated to the Parties on August 11, 2020 for their review and feedback – developed by CCWD and its legal counsel. The Eastside GSA has been meeting monthly to discuss relevant sections, SGMA requirements, and similar JPA formation efforts. In addition, the Eastside GSA recently provided a SGMA and Eastside GSA governance overview to the Calaveras County Board of Supervisors at their December 8, 2020 meeting.

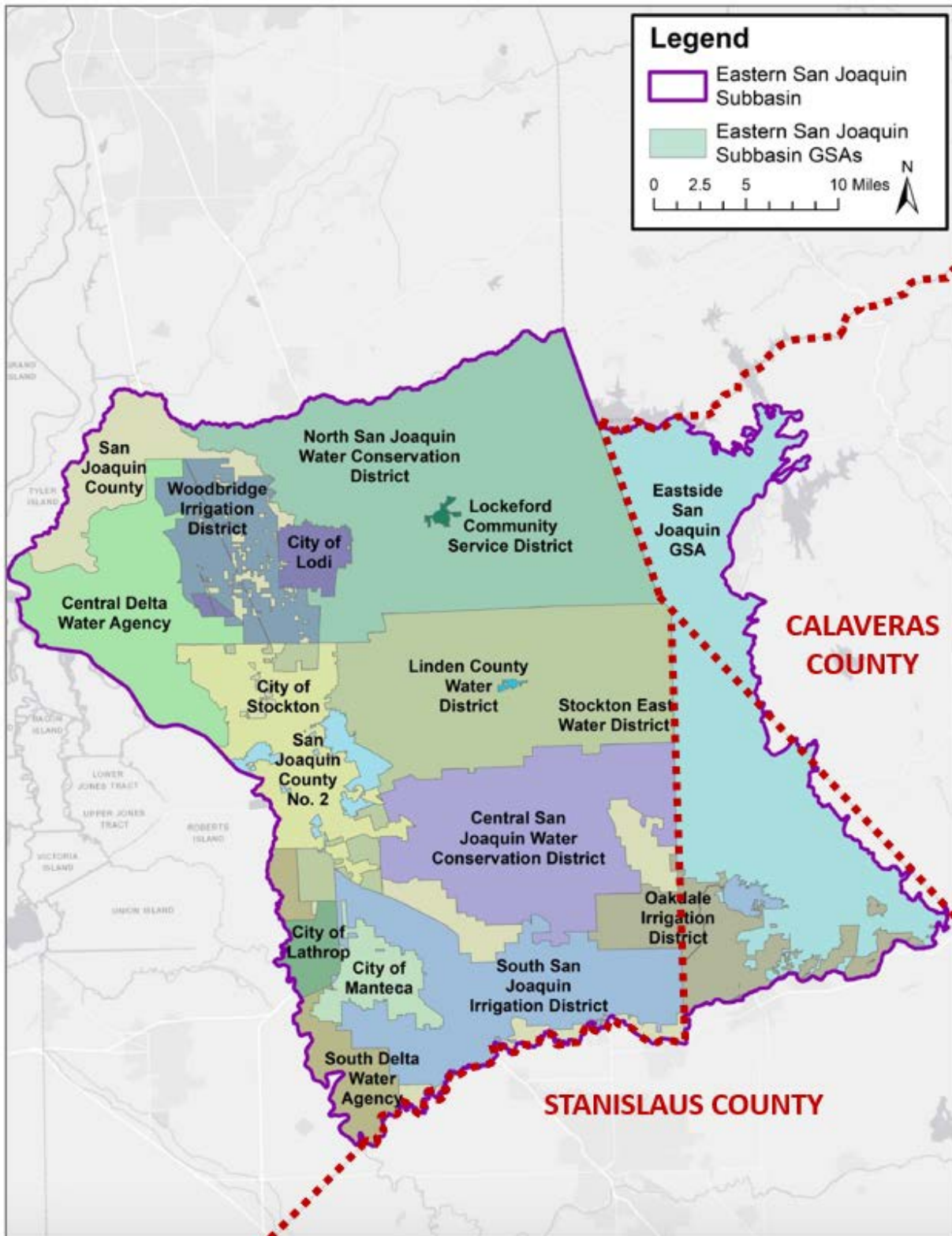
The Parties anticipate that a new Eastside GSA agency would adopt the Sub-Basin GSP and represent the Parties collectively in the Authority. The goal is to have an agreement negotiated and ready for Board of Directors' consideration by early to mid-2021, providing ample time to prepare for DWR's GSP assessment. Staff will update the Board of Directors as new info is received and as progress is made towards the formation of an Eastside GSA JPA.

FINANCIAL CONSIDERATIONS:

None at this time.

Attachments: A) Sub-Basin GSA Map
 B) SGMA Handout

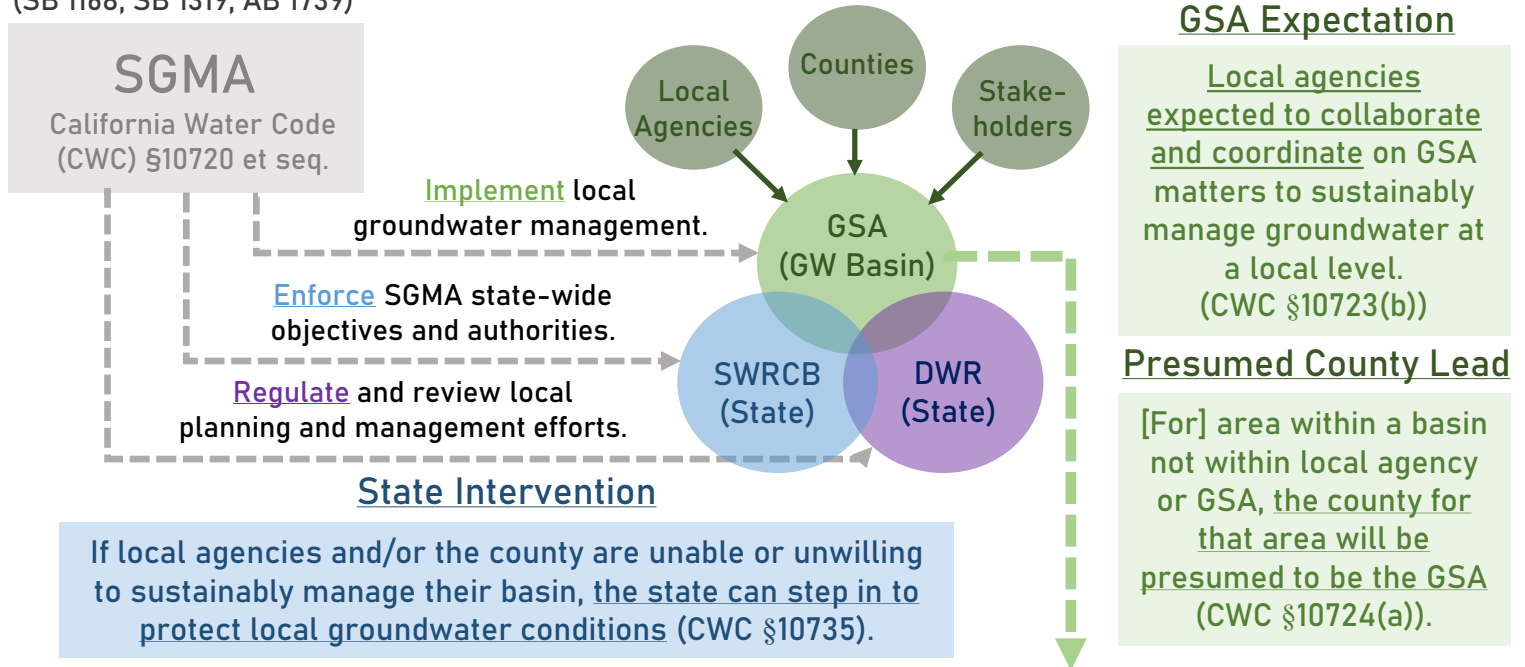
ATTACHMENT A
EASTERN SAN JOAQUIN SUB-BASIN
GROUNDWATER SUSTAINABILITY AGENCY (GSA) MAP



Sustainable Groundwater Management Act (SGMA) Overview

2014 State Legislation
(SB 1168, SB 1319, AB 1739)

Key: Local Management via “Groundwater Sustainability Agency” (GSA).



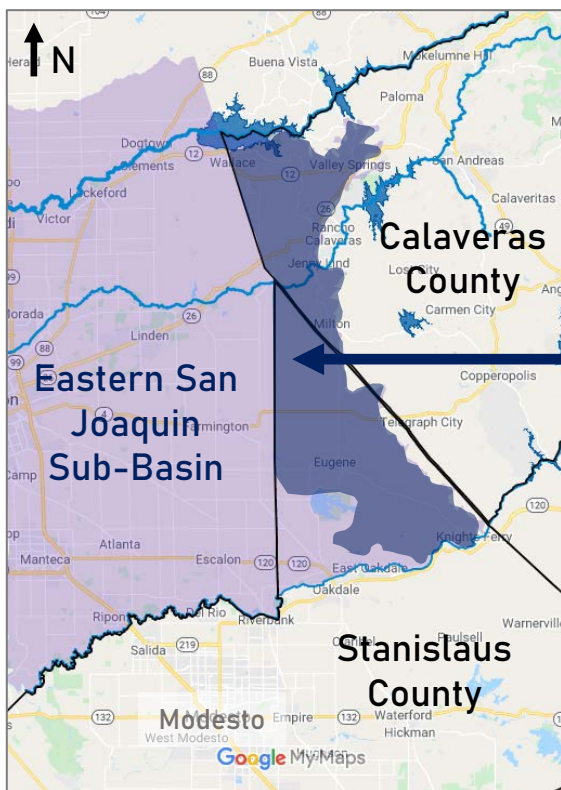
SGMA provides GSAs with authorities to carry out the objectives of SGMA.

SGMA-Granted GSA Authorities

- Regulate groundwater extractions, including landowner limitations (CWC §10726.4).
- Impose extraction and permit fees and taxes (CWC §10730(a)).
- Impose well construction and operations standards (CWC §10726.4).
- Require well registration and metering (CWC §10726).
- Integrate groundwater planning aspects into City & County General Plans (CWC §10750).

Already provided to GSAs per SGMA.

Note: A GSA's authority does not, however, limit or supersede the authorities of the state, county, or city govts (CWC §10726.8).



Regional: Eastern San Joaquin Sub-Basin

- “Critically overdrafted” state priority due to historic over-consumption and groundwater quality issues.
- In 2017, local agencies formed the *Eastern San Joaquin Groundwater Authority* (Authority) to manage basin.
- **Must achieve sustainable conditions by 2040!**

Local: Eastside GSA

Eastside GSA had an active role in developing plans and is responsible for more-local SGMA reporting, groundwater management, and related authorities.

Members: Calaveras County, Calaveras County Water District, Stanislaus County, Rock Creek Water District

Per Authority arrangements, the Eastside GSA must:

- Perform regular groundwater level and use monitoring.
- Coordinate with land & water use stakeholders.
- Assist with annual reporting and planning updates.
- Achieve basin-wide sustainability targets.

Agenda Item

DATE: December 9, 2020
TO: Michael Minkler, General Manager
FROM: Damon Wyckoff, Director of Operations
RE: Report on the November 2020 Operations and Engineering Departments

RECOMMENDED ACTION:

Receive Report on the Operations and Engineering Departments Report for Divisions 1 through 5.

SUMMARY:

Attached is the monthly Operations and Engineering Departments Report for November 2020. 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
- Engineering
- 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: November 2020 Operations and Engineering Department Reports for Division 1 through 5

Operations and Engineering Departments Report

November 1st 2020 through November 30th 2020

Director of Operations:

1. Participated in the Interview Process and selection of a new District Mechanic to fill the void left by a retirement and subsequent internal promotion
2. Worked with Operations and Engineering Department Staff Members and developer representatives RE: the underground water and wastewater utilities for the Gold Creek III development
3. Participated in the Engineering Committee Meeting
4. Onsite and Administrative work associated with the Startup operation of the Actiflo Pre-Treatment System at the Jenny Lind WTP
5. Participated in weekly AMI/AMR Project Coordination Meetings
6. Worked with Engineering Staff to select a design engineer for the West Point Wilseyville Wastewater Consolidation Project
7. Facilitated a Tour of the Buckhorn Water Treatment Plant – A Pall Membrane microfiltration facility – In contemplation of potentially utilizing the technology at the West Point WTP
8. Participated in a remote meeting to assess the progress of the Copper Lift Station Rehab and Force Main Installation Project
9. Along with the Plant Operations Manager, completed the La Contenta Emergency Action Plan (EAP) Phone Drill
10. Facilitated the District's Bi-Weekly Department Coordination Meeting and a meeting with Mobile MMS and District Staff RE GIS updates and Project As-Built integration

Administrative Technician:

1. Completed October Spray Reporting
2. Maintained Field Calendar
3. Received/Tracked All USA North Line 811 Locates – Handled Associated Calls
4. 190 District Line Locates – 11/01 – 11/24
5. Facilitated Employee Reimbursements & Certificate Renewals
6. Field Training Course Ordering/Registrations
7. Process Operations Purchase Order Batches
8. On Call Reminders, Transfers, Logs
9. Electronic Lab Report Filing
10. Organizing and Archiving Operations Department Documents
11. Safety Tailgate Meetings: Create, Track, & Archive
12. Continued Work Efforts on the 2020 Backflow Program
13. Attended Various Meetings:
14. Supervisor Meeting, Coordination Meeting, Smartsheet Meeting, Business Process Review Committee
15. Safety Training Coordination
16. Completed Trainings: Substance Abuse Dot 11/18/2020
17. Upcoming Trainings: 12/2 & 12/3 – Traffic Control Flagging
18. Continued Work Efforts on the La Contenta Dam EAP – Letters, Emails, Updates, etc.
19. Created Thanksgiving Holiday Availability Schedule
20. Creating 2021 Field On-Call Schedule
21. Sent out Lead & Copper Letters to Customers letting them know the sample results were good and thanking them for their assistance
22. Continued Work on Generator Site Assessment Spreadsheet

Plant Operations Manager:

1. Participated in the Interview Process and selection of a new District Mechanic to fill the void left by a retirement and subsequent internal promotion
2. Completed the monthly and quarterly Wastewater Reports and submitted them to the State
3. Completed the review and acceptance of the Monthly State Water Reports and submitted them to the State
4. Accompanied the JPIA's representative in the inspection of the compressed air tanks at the Hunters WTP
5. Accompanied the District's State Sanitary Engineer in the Inspection and assessment of the Jenny Lind WTP and Distribution System
6. Completed the test implementation of the La Contenta EAP
7. Worked with the Vallecito WWTP Operations Staff to restore the system to normal operations. Permeability issues created by excessive debris, fats, oils, and grease in the influent wastewater
8. Developed the Jenny Lind Distribution System Lead and Copper Report and submitted it to the State
9. Participated in a Tour of the Buckhorn Pall Membrane WTP in Pioneer
10. On-going work with Tesco to facilitate the completion of District-wide flowmeter calibrations

Construction and Maintenance Manager:

1. Attended the weekly project update meetings for the AMR/AMI implementation project
2. Participated in the interviews and selection process to fill the vacant Mechanic position
3. Participated in multiple meetings RE the underground Utilities for the Gold Creek III Development Project
4. Developed a labor cost sheet comparing the work effort associated with manually reading meters in Ebbetts Pass and Wallace compared to obtaining meter reads via AMR and AMI
5. Met with a rep from Cla-Val RE their Link2valves software that provides online real time Cla-Val condition assessments
6. Assisted the Purchasing Agent with delivering a service truck to Sonora Ford for recall item repair
7. Site meet at Jenny Lind WTP to facilitate the operation of the Actiflo Unit
8. Attended the District's Confined Space Training Class
9. Site meet for compaction testing On Kirby and Gabor
10. Worked with the Ebbetts Pass Distribution Crew to pothole 2" lines on Larkspur Ct in FM for PG&E electrical relocation project. (Operated vac truck)
11. Developed the Customer contact list and coordinated the shutdown notification for Gabor and T&S work
12. Worked to resolve multiple Customer Service issues
13. Began the development of a new Construction Schedule in Smartsheets
14. Worked with the Director of Operations, The District Engineer, and the Plant Operations Manager to develop an updated COVID – 19 Restricted Work Plan for Field Staff
15. Met with Mobile MMS and District Staff RE improving GIS and MMS updates
16. Attended Dot substance abuse training for managers and supervisors
17. Assisted the Jenny Lind Distribution Crew with the repair of an 8" water main leak in the New Hogan Lake Estates subdivision. Bolts on bonnet rotted away and bonnet separated. Flushed system after shutdown and took residuals
18. -Site visit to Buckhorn Water Treatment Plant to look at their Pall Membrane treatment plant

District Engineer

1. Detailed review of progress payments and final payments for various construction projects (T&S West, K.W. Emerson, and Mozingo)
2. Review / approve backlog of consultant invoices
3. Meeting with Saddle Creek CSD regarding development standards.
4. For Copper Town Square, evaluate design for Reeds Turnpike water booster pump station and sewer force main sizing and alignment
5. Review Consultant Proposals and assist in consultant selection for West Point/Wilseyville Wastewater Treatment Plant Design contract
6. Meeting/discussion regarding startup of ACTIFLO unit at Jenny Lind WTP
7. 1:1 meetings with Engineering Staff regarding on-going work (Arnold WWTP, AMR/AMI, Redwood Tanks, West Point/Wilseyville, Techite, Reach 1, A-B Transmission Main, Gold Creek Unit 3, etc.)
8. Design meeting with Lee & Ro and A.-TEEM for Copper Cove Lift Stations.
9. Prepare / Review Agenda Items for December 9th Board Meeting
10. Review CIP List, Costs and Assumptions for HDR Capacity Fee Analysis
11. Planning for IRWMP West Point Water Filter Reliability Project

Purchasing Agent:

1. Delivered Enterprise truck to the dealer in Sonora – warranty recall item
2. Meeting with Cla-Val rep to discuss their new Link2valve software and Cla-Val O&M
3. Attended a training course RE updates to the California Air Resources Board's emissions standards
4. Coordinated the pickup of a failed blower from La Contenta
5. Completed invoicing and PO Paperwork
6. Delivered repair clamps to the Copper Distribution Crew to facilitate the completion of a leak repair.
7. Met with Habitat for Humanity RE Warehouse move coordination
8. Set up the Wilseyville Pump Station generator re-strapp
9. Coordinated an onsite meeting with the Vaughn's Chopper Pump Vendor to occur at Lift Station 3 In Arnold
10. Awarded bid to the fencing contractor to fence the Bummerville Tank site. Facilitated the startup of the work effort
11. Coordinated the slip line work with Express Sewer and Drain and the District's Collections Crew to repair portions of the Collections System in Douglas Flat
12. Met with warehouseman on shelving and Fastenal about new racking for the new District Warehouse
13. Attended Smartsheet tutorial
14. Ordered materials for headworks at Vallecito
15. Developed a list of yearly tire purchases
16. Met with the surplus buyer of the international dumptruck
17. Met with Sean from Mobile MMS to discuss material handling and inventory tracking with the software
18. Set up Spacekap delivery for new electricians' truck.
19. Organized warehouse move and coordinated participation of Distribution and Construction Staff

Engineering Department

1. Conducted the Engineering Committee Meeting
2. Prepared for the Quarterly Utilities Coordination Meeting
3. Prepared for and facilitated the completion of the CAMRA Meeting
4. Prepared Multiple Agenda Items for the Board Meeting
5. Conducted and participated in the Weekly AMI/AMR Meter Project Coordination Meetings
6. Prepared the Wallace Lake Estates WWTP Electrical Improvement Project bid package
7. Completed Close-Out of the Techite and Reach 1 Projects (Notice of Completion, Resolution, Maintenance Bond, Board Meeting Staff Reports)
8. Participated in the assessment, review, and selection of the Design Engineer for the West Point/Wilseyville WWTP Consolidation Project
9. Worked to clarify procedural work efforts associated with the Termination of Services process with Customer Service
10. Training and implementation of Smartsheet software
11. On-going Training of the Engineering Coordinator
12. Termination of Service Requests – 2
13. Cost To Serves for New Service – 3
14. Requests for Comments, PUE vacate – 2
15. Customer issues – 1
16. Completed the inspection of the District's Reach 1 Project
17. Completed the inspection of the water line relocation on Canyon View in Ebbetts Pass.
18. Worked with developer to identify deficiency's in the sewer and water design on Gold Creek 3.
19. Completed multiple Sewer connection inspections.
20. Worked with Distribution crews to repair main line leaks on Farris and in Golden Oaks.
21. Coordinated work efforts with contractors.
22. Started reviewing materials for approved materials list.
23. Inspected last repair made on Gabor.
24. Worked with engineering staff and operations staff to review future projects.
25. Verified the completion of punchlist items on both the Reach 1 and Techite Projects
26. Completed final walk of the Techite project with Calaveras County Public Works
27. Worked to develop a presentation for the Board RE implementing AMI in Wallace, Sheep Ranch, and Ebbetts Pass

28. On-going work RE: The Redwood Tank replacement Project – created specifications, standard details, coordinated site visits, developed preliminary tank designs, and sent out PSA for Geotechnical, Survey, and Electrical Engineering
29. Field trip to the Buckhorn WTP in Pioneer to assess the Pall Microfiltration facility with respect to the addition of a redundant filter in West Point
30. On-going work associated with assessing water and wastewater use and Capacity needs in the Copperopolis service area
31. Reviewed the Copper Cove Lift Station Rehab and Force Main Installation Project Plans and provided comments to the Consultant

Copper Cove Water Treatment Plant:

1. Operations as usual
2. Flow meter verifications - complete
3. Ozone generator water system PVC piping, air feed tubing, and colling water tubing systems repaired

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

1. Operations as usual

Jenny Lind Water Treatment Plant:

1. Operations as usual
2. Continued training of two new operators
3. Onsite Work with Vendor RE the Actiflo Pre-Treatment System – repaired sand pumps and ran the system in order to test operate functionality. Successful Ops

Sheep Ranch Water Treatment Plant:

1. Operations as usual

Wallace Lake Estates Well System:

1. Operations as usual

West Point Water Treatment Plant:

1. Operations by committee
2. Review of Site for second redundant filter by the Engineering Department
3. Award to Fencing Contractor to install a fence around the Bummerville Tank

Wastewater Treatment Plants:

Arnold Wastewater Treatment Plant:

1. Operations as usual

Copper Cove Wastewater Treatment Plant:

1. Routine operations as required by permit.
2. Troubleshooting the continuous ops of HW Pump #2
3. Obtained a quote for a new Pond 6 slide gate

Copper Cove Wastewater Reclamation Plant:

1. Operations as usual
2. Ops tore down and rebuilt system valves and actuators
3. Major leakage of sand from filter – very hard to operate
4. Multiple issues with

Country House Wastewater Facility:

1. Operations as usual

Forest Meadows Wastewater Treatment Plant:

1. Operations as usual

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

La Contenta Wastewater Treatment Plant:

1. Operations as usual
2. Extensive colloidal solids breakthrough created multiple issues

Mountain Retreat / Sequoia Woods Wastewater Facility:

1. Operations as usual

Six Mile Wastewater Collection System:

1. Monthly reads taken and report submitted to the City of Angels Camp

Southworth Wastewater Treatment Plant:

1. Operations as usual

Vallecito / Douglas Flat Wastewater Treatment Plant:

1. Operations as usual
2. Extensive permeability issues. Replaced 250 MBR Plates, multiple Clean In Places – Obtained oxalic acid – was able to restore permeability post oxalic acid addition

West Point Wastewater Treatment Plant:

1. Operations as usual
2. Cleared plugged inspection ports on the recirculating gravel filters

Wilseyville Wastewater Facility:

1. Operations as usual

Distribution:

Copperopolis Distribution System:

SERVICE LINE WORK

1. Poker Flat – 1 gpm
2. Poker Flat – 2 gpm
3. Foothill – 4 gpm
4. Foothill – 4 gpm
5. Sandy Bar (Corp) – 5 gpm
6. Winchester – 6 gpm
7. Choctaw – 5 gpm
8. Edgewater – 12 gpm
9. Copper Crest – 3 gpm
10. Bridlewood – 2 gpm
11. Council Trail – 3 gpm

MAIN LINE WORK

1. 6" Cheyenne – 15 gpm
2. 2" Winchester – 5 gpm

Additional Work

1. USA's
2. Flushed 39,126 gals.
3. PRV Maintenance Flint Trail, Copper Cove
4. 30 valves exercised

Ebbett's Pass Distribution System:

SERVICE LINE WORK

1. Laurel – 5 gpm
2. Chinook – 5 gpm
3. Karock – 3 gpm
4. Navajo – 5 gpm
5. Navajo – 5 gpm
6. Tamarack 3 gpm
7. Ute – 5 gpm

MAIN LINE WORK

1. Capped failed abandoned service saddle on the Transmission Main to Meadowmont 13 Tank – Fairway Drive

Additional Work

1. Customer Service Work Orders (89)
2. USA Line Locates (124)
3. Worked with the District's Inspector and the County's Contractor to facilitate the relocation of the water main in Canyon View Drive

4. Worked on multiple pressure variations in different areas along Reach 1. Issues resulting from the operation of the band-new pipeline
5. On-going work in Forest Meadows with PG&E's Contractor to pothole and locate District facilities in an effort to reduce the impact to District Facilities
6. Onsite meetings with District Engineering Staff RE: The Redwood Tank Replacement Project
7. Snow Prep - (Snow Tires, Snow Chains. Snow Plows Inspection, Snow Blower Inspection)

Jenny Lind Distribution System:

SERVICE LINE WORK

1. Pine Valley Ct- 2 gpm
2. Butler- 1.5 gpm
3. Rippon- 2 gpm
4. Burns Ct- 1 gpm
5. McDaniel- 3 gpm
6. Baldwin- 2 gpm
7. Baldwin- 2 gpm
8. Coultrup- 1.5 gpm
9. Pardini- 2.5 gpm
10. Pardini- 2 gpm
11. Crotty- 1 gpm
12. Westhill- 1 gpm
13. Haulty- 1 gpm

MAIN LINE WORK

1. Baldwin, 6"
2. Nall, 6" coupler
3. Farris, 4"
4. Mocking Bird Hill, 8" Valve

ADDITIONAL WORK

1. Service Requests for the JL area
2. USA line locates for JL area
3. Weekly tank and pump station checks
4. Raised service at Warmwood Place
5. Tapped a new service at Bergsma
6. Replaced leaking isolation valves on ARV's on Cassidy and Ricky Ct
7. Replaced surge protector on PRV on Usher
8. Complete rebuild of PRV on Usher due to bad seat

West Point Distribution System:

SERVICE LINE WORK

1. HWY 26 – 5 gpm

MAIN LINE WORK

1. 2" Line at Bummerville Tank

ADDITIONAL WORK

1. USA Line locates
2. Service Requests ranging from Read/Leave Ons, Restores, Pressure issues, Re-reads.
3. Hung hydrant meters for defensible space project

Collections:

1. Weekly Lift Station Checks
2. Monthly Service of Lift Station Dry Cans
3. Pumped and cleaned lift stations 18, 41,42,43,44, and 45 – Copperopolis and Lift Station 3 in Arnold
4. Continued the Camera inspect and clean the Collections System in Arnold
5. Assisted the Distribution Crew with a water leak repair in Copperopolis
6. Completed the Monthly required "No Spill Report" for the month of October and submitted it to the State

7. Received delivery of new pumps for Lift Stations as part of the CIP Lift Station Pump Replacement Project
8. Participated in the Confined Space Training Course
9. Hydro cleaned the Collections System lines feeding Lift Station 3 in Arnold (Yearly Maintenance)
10. Installed Odor liners along the manholes in Copper Meadows Drive
11. Prepared for and assisted the District's Consultant in the rehab of the Collections System Liner in the Douglas Flat Collections System
12. Pumped the Sludge Thickener Tank for the Jenny Lind WTP Operators
13. Repaired a Septic Tank on Main Street in West Point
14. Worked on Sewer Lateral issue on Snowberry Court in Copperopolis
15. Repaired a sewer mainline hit by PG&E's sub-contractor in Forest Meadows
16. Attended SSO online training class
17. Replaced Septic Tank Pump in Vallecito
18. Multiple USA markings
19. Provided assistance to the Distribution Crew in Ebbetts Pass for water line repairs
20. Provided Confined Space assistance to the WWTP Operators in Vallecito for the Plate replacement work effort on the MBR Plant
21. Assisted with the replacement of the transducer in the Upper Cross-Country Lift Station
22. Serviced the Generator on the TV Van

Construction:

1. Assisted the Copper Cove Distribution Crew with service line leak repairs
2. Assisted the Ebbett's Pass Distribution Crew with service line leak repairs
3. Assisted the La Contenta Distribution Crew with service line leak repairs
4. Continued work with Cal-Fire to ensure the grubbing and brushing of Facilities in West Point – The Bummerville Reservoir, Bummerville Tank Site, Acorn Way Pump Station Site
5. Completed the FEMA funded road repair projects in West Point
6. Restored damaged property on Cox in Rancho Calaveras damaged due to a water main break

Electrical:

1. Add Operators to the West Point SCADA System
2. Installed a new control panel and all wiring for auger. Headworks Forest Meadows WWTP
3. Installed a new power block at Acorn pump station – West Point.
4. Wired a new mixer for the Jenny Lind WTP Actiflo system
5. Reset new T1 Line at the Big Trees 4 and 5 Tank site
6. Installed a new disconnect, transfer switch, conduit, and wire. Programmed and tested the new genset at the Big Trees 2 Tanksite.
7. Disconnected and wired a new pump at the West Point WTP.
8. Repaired a control panel at the West Point WTP
9. Replaced a failed flow meter on the BW return Pump Station – Jenny Lind WTP.
10. Replaced hour meter at Lift Station 3, pump 1 Copperopolis.
11. Replaced a transducer at the Upper Cross-Country Lift Station.
12. Installed a new motorized valve-La Contenta WWTP effluent.
13. Installed a new UPS at the Highway 26 Lift Station.
14. Troubleshoot failing microwave radios at Copperopolis C-Tank. Met with Columbia Communications for a quote for new radios
15. Meet Holt at Wilseyville Pump Station for genset re-strapping.

Mechanical:

1. Fabricated polymer support plate for the Jenny Lind WTP Actiflo Unit's Coagulant System
2. Troubleshoot and repair of the recirculating gravel filter pumps at the West Point WTP
3. Found restrictions in the Sand Pumps and found one pump clogged with debris and repaired – Jenny Lind Actiflo System
4. Worked with the Construction and Electrical Departments to install an odor control blower at the Vallecito WWTP
5. Repaired effluent flow control valve actuator – Vallecito WWTP
6. Troubleshoot and repair of backwash pump #2 at the Jenny Lind WTP

7. Removed and replaced effluent bypass valve actuator – La Contenta WWTP
8. Worked with the Jenny Lind Distribution Crew to educate them on troubleshooting PRV operations. Used a torch to heat up bolts to disassemble a Control Valve, replaced aged seat and components
9. Repaired dump trailer wiring and replaced tail lamps
10. Removed Pump 1 from Lift Station 3 in Arnold and cleaned debris out of impeller
11. Replaced batteries on Truck #126 (VacCon), bled air from fuel system. Repaired roadside flat of vehicle #130 (meter reader jeep)
12. Serviced Truck #721 (Peterbilt Pumper Truck)
13. Checked Generators along HWY 4 corridor
14. Replaced block heater on the generator at the Saddle Creek Lift Station #3
15. Repaired Generator at Lift Station 12 In Copperopolis – fuel related
16. Replaced the Generator battery at Lift Station 20 in Copperopolis
17. Generator Checks in the Copperopolis Service Area
18. Removed and replaced a blower at the La Contenta WWTP
19. Worked to construct awning over the new generator at the Big Trees 2 Tanksite – Ebbetts Pass
20. Generator Checks in the West Point Service Area
21. Fabricated special MBR tool to be used by the Operators at the Vallecito WWTP

Prepared by: Damon Wyckoff, Director of Operations