



RESOLUTION NO. 2019-32
RESOLUTION NO. PFA-03
ORDINANCE NO. 2019-01

AGENDA

MISSION STATEMENT

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

Regular Board Meeting
Wednesday, May 29, 2019
1:00 p.m.

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

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

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. **ROLL CALL**

2. **PUBLIC COMMENT**

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

3. **CONSENT AGENDA**

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

3a Approval of Minutes for the Board Meeting of April 24, 2019

3b Approval to Amend Appendix A of District Policy No. 5070 - Conflict of Interest Code
(Rebecca Hitchcock, Clerk to the Board) **RES 2019-_____**

BOARD OF DIRECTORS

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

4. NEW BUSINESS

- 4a Discussion/Action regarding Approval of the Written Verification of Water Supply for the Vesting Tentative Subdivision Map for the Saddle Creek Development within the Copper Cove Service Area
(Peter Martin, Manager of Water Resources) **RES 2019-_____**
- 4b* Discussion/Direction on the Calaveras County Dig Once Policy
(Michael Minkler, General Manager)
- 4c Discussion/Action regarding the DRAFT Preliminary FY 2019-20 Operating and Capital Improvement Program Budgets
(Jeffrey Meyer, Director of Administrative Services)

5. OLD BUSINESS

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

6. REPORTS

- 6a* General Manager Report

7.* BOARD REPORTS/INFORMATION/FUTURE GENDA ITEMS

8. NEXT BOARD MEETINGS

- Wednesday, June 12, 2019, 1:00 p.m., Regular Board Meeting
- Thursday, June 13, 2019, 1:00 p.m., Budget Workshop
- Wednesday, June 26, 2019, 1:00 p.m., Regular Board Meeting

9. ADJOURNMENT

CALAVERAS COUNTY WATER DISTRICT

Board of Directors

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

Financial Services

Umpqua Bank
US Bank
Wells Fargo Bank

CCWD Committees

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

Joint Power Authorities

ACWA / JPIA
CCWD Public Financing Authority
Calaveras-Amador Mokelumne River Authority (CAMRA)
Calaveras Public Power Agency (CPPA)
Eastern San Joaquin Groundwater Authority
Tuolumne-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)
Davidson / Thomas (alt. Ratterman)
Thomas / Underhill

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

Ratterman / Thomas
Thomas (alt. Ratterman)

Thomas / Underhill
All Board Members

All Board Members
Peter Martin (alt. Metzger)

Peter Martin

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

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



RESOLUTION NO. 2019-24
RESOLUTION NO. PFA-03
ORDINANCE NO. 2019-01

MINUTES

CALAVERAS COUNTY WATER DISTRICT REGULAR BOARD MEETING

April 24, 2019

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

Staff Present: Michael Minkler, General Manager
Rebecca Hitchcock, Clerk to the Board
Charles Palmer, District Engineer
Peter Martin, Manager of Water Resources
Damon Wyckoff, Director of Operations
Joel Metzger, Manager of External Affairs, Conservation, and Grants
Patti Christensen, Accountant III

Others Present: David de Bernardi, Director of Finance, ACWA JPIA
Vickey Mills
Kurt Smith

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

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

2. PUBLIC COMMENT

Kurt Smith addressed the Board, thanking them for attending the Town Hall meeting in West Point last week. He said the community really appreciated it.

David de Bernardi, Director of Finance for ACWA JPIA, presented a refund check for just over \$90,000 dollars to the District. ACWA JPIA handles property insurance for the District, and he explained how the District qualified for the refund check.

3. CONSENT AGENDA

MOTION: Directors Secada/Ratterman - Approved Consent Agenda Items: 3a and 3b as presented

3a Approval of Minutes for the Board Meeting of March 13, 2019

3b Adopt Position on State Legislation in the 2018-19 Session

YES: Directors Secada, Ratterman, Underhill, Davidson, and Thomas

NOES: None

ABSTAIN: None

ABSENT: None

4. NEW BUSINESS

4a Review and Direction of the FY 2018-19 Third Quarter Investment Report (Jeffrey Meyer, Director of Administrative Services)

DISCUSSION: Ms. Christensen presented the details of the FY 2018-19 Third Quarter Investment Report. She took questions from the Board regarding the various investments.

PUBLIC COMMENT: There was no public comment.

4b Discussion / Direction Approving Agreement for Auditing Services (Jeffrey Meyer, Director of Administrative Services) **RES 2019-24**

MOTION: Directors Ratterman/Underhill – Adopted Resolution No. 2019-24 Approving Agreement for Auditing Services

DISCUSSION: Ms. Christensen presented the proposed Agreement for Auditing Services. She reviewed the details of the proposal from Richardson & Company, LLP. There was brief discussion between staff and the Board regarding the agreement.

PUBLIC COMMENT: There was no public comment.

YES: Directors Ratterman, Underhill, Secada, Davidson, and Thomas

NOES: None

ABSTAIN: None

ABSENT: None

4c Discussion / Action Regarding the Adoption of FY 2019-20 Five Year Capital Improvement Project (CIP) Program (Charles Palmer, District Engineer) **RES 2019-25**

MOTION: Directors Davidson/Secada - Adopted Resolution No. 2019-25 Adopting the FY 2019/20 Five Year Capital Improvement Program (CIP)

DISCUSSION: Mr. Palmer reviewed the 2019/20 Five Year Capital Improvement Program (CIP). He presented the project priorities and costs to be included in the annual budget. There was discussion between staff and the Board on the various projects.

PUBLIC COMMENT: There was no public comment.

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

4d Discussion / Action Regarding Approval of Professional Services Agreements for the Ebbetts Pass Reach 1 Pipeline Replacement Project CIP #11085
(Charles Palmer, District Engineer) **RES 2019-26**

MOTION: Directors Ratterman / Davidson - Adopted Resolution No. 2019-26 Approving Professional Services Agreements for the Ebbetts Pass Reach 1 Pipeline Replacement Project CIP #11085

DISCUSSION: Mr. Palmer presented the proposals for Construction Management Services and Construction Staking Services from KASL Consulting Engineers. Director Secada questioned the need of a Resident Engineer for the project. Mr. Palmer stated the staffing time required for this large project would delay other projects from proceeding without the assistance of a Resident Engineer working the Reach 1 Pipeline Replacement Project. There was additional discussion between the Board and Mr. Palmer.

PUBLIC COMMENT: There was no public comment.

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

4e Discussion / Direction Adopting District Policy No. 23, Vehicle Replacement Policy
(Damon Wyckoff, Director of Operations) **RES 2019-27**

MOTION: Directors Davidson/Ratterman - Adopted Resolution No. 2019-27 Adopting District Policy No. 23, Vehicle Replacement Policy

DISCUSSION: Mr. Wyckoff presented the updated Vehicle Replacement Policy No. 23.

PUBLIC COMMENT: There was no public comment.

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

4f Discussion Regarding Consideration of Change to Date / Time of Board of Directors' Meeting Schedule
(Michael Minkler, General Manager)

DISCUSSION: Mr. Minkler proposed a new meeting schedule for May. After discussion the Board gave direction to Staff to move the May meetings to May 15, 2019 at 9:00 a.m., and May 29, 2019 at 1:00 p.m. Director Underhill proposed a permanent meeting time change back to 9:00 a.m. There was significant discussion between the Board members regarding meeting earlier in the morning. After discussion the Board gave direction to Staff to adjust the Board meeting back to 9:00 a.m. after Daylight Savings Time ends in November. When Daylight Savings time returns in the spring, the meetings will return to 1:00 p.m.

PUBLIC COMMENT: There was no public comment.

5. OLD BUSINESS

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

DISCUSSION: Mr. Martin gave a PowerPoint presentation with an update on the actions of the Eastside Groundwater Sustainability Agency and Joint Powers Agency.

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

6. REPORTS

- 6a General Manager Report

Mr. Minkler reported on the following activities: 1) SB 474 (Stern) Appropriations of Water has been amended and is no longer an issue to the District. It could come back in a different form in the next few years; 2) the West Point town hall meeting was successful and Damon Wyckoff did a great job presenting to the public; 3) his site visits have been educational and he will continue to plan additional tours; 4) the Upper Mokelumne River Watershed Authority (UMRWA) meeting is on Friday and he will discuss the forestry items from the Washington, D.C. trip; 5) tomorrow there is a follow up meeting of the Hwy 4 Coordination Committee to talk about Emergency Management and Property Tax questions; 6) the UWPA 2x2 meetings have been scheduled to begin discussions on a Water Supply Agreement which was previously on hold due to staffing transitions; and 7) there was a meeting with Josh Pack, Public Works Director of the County regarding a new Paving Policy. The District and other agencies will have the opportunity to comment on the new policy prior to its adoption.

7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

Director Secada reported that she attended the town hall meeting scheduled by Jack Garamendi in West Point. Additionally, she attended the Tuolumne-Stanislaus Integrated Regional Water Management (T-Stan IRWM) meeting and reported on items discussed at that meeting.

Director Davidson had nothing to report.

Director Thomas reported on the Washington D.C. Legislative summary submitted by Mia O'Connell.

Director Ratterman had nothing to report.

Director Underhill said White Pines Park is getting ready for the summer tourists. They are planning their annual car show in July.

8. **NEXT BOARD MEETINGS** (new May schedule approved above)

- Wednesday, May 8, 2019, 1:00 p.m., Regular Board Meeting (Cancelled)
- Wednesday, May 15, 2019, 9:00 a.m., Special Board Meeting
- Wednesday, May 22, 2019, 1:00 p.m., Regular Board Meeting (Cancelled)
- Wednesday, May 29, 2019, 1:00 p.m., Special Board Meeting

9. **ADJOURNMENT**

With no further business, the meeting adjourned at approximately 2:40 p.m.

By:

ATTEST:

Michael Minkler
General Manager

Rebecca Hitchcock
Clerk to the Board

DRAFT

Agenda Item

DATE: May 29, 2019
TO: Board of Directors
FROM: Rebecca Hitchcock, Clerk to the Board
SUBJECT: Consideration of Amendment of the District's Conflict of Interest Code, Appendix "A"

RECOMMENDED ACTION:

Motion: _____ / _____ adopting Resolution No. 2019-____ amending Appendix "A" of the District's Conflict of Interest Code, Policy Number 5070, by updating the designation of employees and their disclosure categories.

SUMMARY:

The District adopted its original Conflict of Interest Code in 1996 by Resolution No. 96-146. The Political Reform Act requires each local government agency to review its conflict of interest code biennially and make amendments as necessary to meet the requirements of the law.

On May 15, 2019, the Board of Directors approved a Side Letter of Agreement amending the salary schedule with the Management and Confidential Unit which included two title changes. It is recommended the list of designated employees and their disclosure categories listed in the proposed Appendix "A" of the Conflict of Interest Code be updated to account for the recent reorganization of the District and to eliminate positions that no longer exist on the Management and Confidential Unit schedule. The proposed changes are listed in the attached documentation.

FINANCIAL CONSIDERATIONS:

None.

Attachments: Current Policy No. 5070, Conflict of Interest and 5070.60, Appendix "A"
Policy No. 5070, Conflict of Interest and 5070.60, Proposed Appendix "A"
Resolution No. ___ - Approving Policy No. 5070, Conflict of Interest Code

Policy Title: Conflict of Interest
Policy Number 5070

Date Approved: 8/12/14

Revised: 3/12/08
9/22/10
12/8/10 (Appendix A)
5/23/12 (Appendix A)
4/10/13 (Appendix A)
2/12/14 (Appendix A)
12/9/15 (Appendix A)
5/24/17(Appendix A)
9/12/18(Appendix A)

Conflict of Interest Code

5070.10 Policy Purpose

The purpose of this policy is to establish procedures developed in compliance with the terms of the Political Reform Act and related regulations concerning the adoption of Conflict of Interest Codes in the state of California.

5070.20 Policy Statement

The Political Reform Act, Government Code Section 81000, *et seq.* requires state and local government agencies to adopt and promulgate conflict of interest codes. The Fair Political Practices Commission (FPPC) has adopted a regulation, 2 California Code of Regulations, Section 18730, which contains the terms of a standard Conflict of Interest Code, which may be incorporated by reference and which may be amended by the FPPC to conform to amendments in the Political Reform Act. Therefore, the terms of 2 California Code of Regulations Section 18370 and any amendments to it duly adopted by the FPPC are hereby incorporated by reference as the Conflict of Interest Code of the Calaveras County Water District (District). The Standard Conflict of Interest Code requires a list of District positions subject to its provisions, and Appendix A attached hereto and incorporated herein, defines designated employees and disclosure categories.

5070.30 Policy Implementation

The requirements of when and where to file Statements of Economic Interests are as provided in Title 2 Section 18754, which is incorporated herein by reference. All designated employees and District Board and Joint Powers Agency members shall file Statements of Economic Interests, on forms required by the FPPC, with the Clerk to Board of the District or respective Joint Powers Agency, no later than April 1 of each calendar year. Members of the District's designated positions shall file such statements also upon assuming office and leaving office.

The Clerk to the Board of the District shall be responsible to ensure Statements of Economic Interests are completed and filed as required. Individuals holding designated positions shall file Statements of Economic Interests with the District's Clerk to the Board, and shall have available and annually review the current provisions of Title 2, California Code of Regulations Section 18370 to ensure District compliance with its requirements.

5070.40 Policy Review

In accordance with Government Code 87306.5, the Conflict of Interest Code of the District is reviewed in even-numbered years and Appendix A is updated, if necessary. A completed notice of review will be filed with the Clerk of the Calaveras County Board of Supervisors. Revisions to the District's Conflict of Interest Code or its Appendix A, approved by the District Board of Directors will be forwarded to the Clerk of the Calaveras County Board of Supervisors.

5070.50 Related Policies

Employee Handbook Policy Section 1020, Conflict of Interest, shall incorporate Board Policy 5070 by reference, and a copy shall be provided therefor.

Members of the Board of Directors are directed to Board Policy 4010, Ethics, which incorporates conflict of interest concerns directly related to Board member responsibilities.

. . . .

Attachment: Appendix A

**Conflict of Interest Code
5070.60 Appendix A**

Disclosure Categories

1. A person in this category must report investments, interests in real property or income affected by actions and activity of District decisions, and whether he/she owns or has interests in business entities in which he/she is a director, officer, partner, trustee, employee, or holds any position of management or fiscal oversight which may be affected by actions and activities of the District.
2. A person who makes or participates in making decisions which may foreseeably have a material financial effect on any financial interest of the District must report as in 1., above.

Note: Consultants are included in the list of designated employees, and shall disclose pursuant to Category 1 subject to the following limitation:

The General Manager may make a determination, in writing, that a particular consultant, although a “designated position,” is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements. Such written determination shall include a description of the consultant/legal counsel’s duties, and, based upon that description, a statement of the extent of disclosure requirements. The General Manager’s determination is a public record and shall be retained for public inspection.

Designated Employees:

Position	Disclosure Category
1. Board Members	1
2. General Manager	1
3. District Engineer	2
4. Director of Administrative Services	1
5. Information Systems Administrator	2
6. District Counsel (Consultant, see above note)	1
7. Manager of Water Resources	2
8. Maintenance Manager	1
9. Field Operations Manager	1
10. Plant Operations Manager	2
11. Deputy Director of Operations	1
12. Director of Operations	1
13. Distribution / Collections Manager	2
14. Director of Human Resources and Customer Service	1
15. Manager of External Affairs, Conservation, and Grants I/II	1
16. Legislative Consultant	2

Policy Title: Conflict of Interest
Policy Number 5070

Date Approved: 8/12/14

Revised: 3/12/08
9/22/10
12/8/10 (Appendix A)
5/23/12 (Appendix A)
4/10/13 (Appendix A)
2/12/14 (Appendix A)
12/9/15 (Appendix A)
5/24/17(Appendix A)
9/12/18(Appendix A)

Conflict of Interest Code

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5070.30 Policy Implementation

The requirements of when and where to file Statements of Economic Interests are as provided in Title 2 Section 18754, which is incorporated herein by reference. All designated employees and District Board and Joint Powers Agency members shall file Statements of Economic Interests, on forms required by the FPPC, with the Clerk to Board of the District or respective Joint Powers Agency, no later than April 1 of each calendar year. Members of the District's designated positions shall file such statements also upon assuming office and leaving office.

The Clerk to the Board of the District shall be responsible to ensure Statements of Economic Interests are completed and filed as required. Individuals holding designated positions shall file Statements of Economic Interests with the District's Clerk to the Board, and shall have available and annually review the current provisions of Title 2, California Code of Regulations Section 18370 to ensure District compliance with its requirements.

5070.40 Policy Review

In accordance with Government Code 87306.5, the Conflict of Interest Code of the District is reviewed in even-numbered years and Appendix A is updated, if necessary. A completed notice of review will be filed with the Clerk of the Calaveras County Board of Supervisors. Revisions to the District's Conflict of Interest Code or its Appendix A, approved by the District Board of Directors will be forwarded to the Clerk of the Calaveras County Board of Supervisors.

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5070.50 Related Policies

Employee Handbook Policy Section 1020, Conflict of Interest, shall incorporate Board Policy 5070 by reference, and a copy shall be provided therefor.

Members of the Board of Directors are directed to Board Policy 4010, Ethics, which incorporates conflict of interest concerns directly related to Board member responsibilities.

...

Attachment: Appendix A

Proposed

**Conflict of Interest Code
5070.60 Appendix A**

Disclosure Categories

1. A person in this category must report investments, interests in real property or income affected by actions and activity of District decisions, and whether he/she owns or has interests in business entities in which he/she is a director, officer, partner, trustee, employee, or holds any position of management or fiscal oversight which may be affected by actions and activities of the District.
2. A person who makes or participates in making decisions which may foreseeably have a material financial effect on any financial interest of the District must report as in 1., above.

Note: Consultants are included in the list of designated employees, and shall disclose pursuant to Category 1 subject to the following limitation:

The General Manager may make a determination, in writing, that a particular consultant, although a “designated position,” is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements. Such written determination shall include a description of the consultant/legal counsel’s duties, and, based upon that description, a statement of the extent of disclosure requirements. The General Manager’s determination is a public record and shall be retained for public inspection.

Designated Employees:

Position	Disclosure Category
1. Board Members	1
2. General Manager	1
3. District Engineer	2
4. Director of Administrative Services	1
5. Information Systems Administrator	2
6. District Counsel (Consultant, see above note)	1
7. Manager of Water Resources	2
8. Maintenance Manager	1
9. Field Operations Manager	1
10. Plant Operations Manager	2
11. Deputy Director of Operations	1
12. Director of Operations	1
13. Distribution / Collections Manager	2
14. Director of Human Resources and Customer Service	1
<u>14. Human Resources Manager</u>	<u>1</u>
15. Manager of External Affairs, Conservation, and Grants I/II	1
<u>15. External Affairs Manager I/II</u>	<u>1</u>
16. Legislative Consultant	2

RESOLUTION NO. 2019 – ___

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

AMENDING THE DISTRICT’S CONFLICT OF INTEREST CODE, APPENDIX “A”

WHEREAS, on December 18, 1996, the Board of Directors of the Calaveras County Water District (District) adopted a Conflict of Interest Code by Resolution No. 96-146 and amendments thereafter; and

WHEREAS, pursuant to the terms of the California Political Reform Act the District must undertake a biennial review of its Conflict of Interest Code, and thereafter adopt necessary amendment(s); and

WHEREAS, since last amending Appendix “A”, changes in staffing titles have occurred necessitating the change of the following designated positions: adding the positions of External Affairs Manager I/II and Human Resources Manager; and deleting Manager of External Affairs, Conservation, and Grants I/II and Director of Human Resources and Customer Service.

NOW, THEREFORE BE IT RESOLVED, that the Board of Directors does hereby amend only its Appendix “A”, Designated Employees, of its Conflict of Interest Code, Policy 5070, as attached hereto and made a part hereof, and hereby rescinds all previous approvals to Appendix “A”, Designated Employee Positions.

FURTHER RESOLVED, that the Board of Directors remaining Policy 5070, Conflict of Interest, adopted August 12, 2014, shall remain in full force and effect.

PASSED AND ADOPTED this 29th day of May, 2019 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: May 29, 2019

TO: Michael Minkler, General Manager

FROM: Peter Martin, Manager of Water Resources

SUBJECT: Discussion/Action regarding Approval of the Written Verification of Water Supply for the Vesting Tentative Subdivision Map for the Saddle Creek Development within the Copper Cove Service Area

RECOMMENDED ACTION:

Motion: _____/_____ adopting Resolution No. 2019 - ____ approving the Written Verification of Water Supply for the Vesting Tentative Subdivision Map for the Saddle Creek Development within the Copper Cove Service Area.

SUMMARY:

The County of Calaveras is considering approval of Project 2019-006, a Vesting Tentative Subdivision Tract Map for the existing Saddle Creek development in Copperopolis. The Saddle Creek development was originally approved for 1650 single family residential parcels. A total of 549 parcels have been recorded to date, and 1101 parcels of the original entitlement remain undeveloped. The Applicant is proposing a Vesting Tentative Subdivision Tract Map to record 753 lots, with one six acre lot containing 48 condominiums, for a total of 800 residential units rather than the outstanding 1101.

SB 610 and SB 221 amended state law, effective January 1, 2002, to improve the link between information regarding water supply availability and certain land use decisions made by cities and counties. SB 221 requires affirmative written verification from the water purveyor of the public water system that sufficient water supplies are available for certain residential subdivisions of property prior to approval of a tentative map. The original development approval by the County of Calaveras was completed in 1994 and pre-dated the adoption of SB 610 and SB 221, so no prior water supply assessment was developed by CCWD at that time.

The attached Written Verification of Water Supply has been prepared by staff, and it has been determined that there is sufficient water to meet the water demands of the proposed subdivision and existing and planned future uses by the District for the next 20 years. The Written Verification of Water Supply documentation must be adopted by

the Board before submission to the County of Calaveras for the purposes of their determination.

FINANCIAL CONSIDERATIONS:

To recover the District's costs associated with staff time and legal review, a one-time fee of \$2,500 was assessed to the project proponent/developer for the purposes of developing this Written Verification of Water Supply.

*Attachments: Resolution No. 2019-__ -Approving the Written Verification of Water Supply for Project 2019-006, A Vesting Tentative Subdivision Map for the Saddle Creek Development, within the Copper Cove Service Area
Written Verification of Water Supply – Copper Cove Service Area: Saddle Creek Development TPM 2019-006*

RESOLUTION NO. 2019 - __

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

**APPROVING THE WRITTEN VERIFICATION OF WATER SUPPLY FOR PROJECT
2019-006, A VESTING TENTATIVE SUBDIVISION MAP FOR THE SADDLE CREEK
DEVELOPMENT, WITHIN THE COPPER COVE SERVICE AREA**

WHEREAS, Calaveras County has requested the preparation of a Written Verification of Water Supply pursuant to Government Code §66473.7 et seq., as amended by Senate Bill 221 (2002) for Project 2019-006, a Vesting Tentative Subdivision Map for the Saddle Creek, within the Calaveras County Water District (CCWD) Copper Cove Service Area;

WHEREAS CCWD has prepared a Written Verification of Water Supply for Project 2019-006, a Vesting Tentative Subdivision Map for the Saddle Creek, within the CCWD Copper Cove Service Area pursuant to Government Code §66473.7 et seq., as amended by Senate Bill 221 (2002); and

WHEREAS, the Written Verification of Water Supply supports the conclusion that sufficient water supply exists to serve Project 2019-006 and planned future uses within the Copper Cove service area within the meaning of and consistent with the purposes of SB 221; and

WHEREAS, the Written Verification of Water Supply was prepared to comply with the planning purposes of SB 221 and does not, in any way, create a right or entitlement to water service or any specific level of water service for the Saddle Creek development above and beyond those in existing Master Facilities Service Agreements with CCWD.

NOW, THEREFORE BE IT RESOLVED, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT that the attached Written Verification for Project 2019-006 is hereby approved

PASSED AND ADOPTED this 29th of May, 2019 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

**WRITTEN VERIFICATION OF WATER SUPPLY
COPPER COVE WATER SERVICE AREA
SADDLE CREEK DEVELOPMENT
TPM 2019-006**

Prepared by
Calaveras County Water District
May 2019

BACKGROUND

The District

CCWD is a county water district organized under Division 12, Sections 30000, *et seq.*, of the California Water Code. The District has countywide jurisdiction to develop and furnish water and wastewater services within the County of Calaveras (County).

The Project

Calaveras County Water District (CCWD or District) has been identified by the County of Calaveras (County) as a public water system whose service area includes Project 2019-006, a recently proposed Vesting Tentative Subdivision Map for the existing Saddle Creek Development (the "Project"). The Project is located within the District's Copperopolis / Copper Cove service area (CCSA). Project maps are attached as Appendix A. CCWD is required by Section 66473.7 *et seq.* of the California Government Code to provide assessment written verification of water supply availability for defined types of projects. The Project has been found by the County to be one requiring a written verification, and the County has formally requested the District provide this written verification¹.

The Project comprises fewer connections than the existing Saddle Creek Development Tentative Subdivision Map that was proposed in 1994, the latter having already been incorporated into the District's planning document updates. The Saddle Creek development was originally approved for 1,650 single family residential parcels. A total of 549 parcels have been recorded to date, and 1,101 parcels of the original entitlement remain undeveloped. The Applicant is proposing a Vesting Tentative Subdivision Tract Map to record 753 lots, with one six-acre lot containing 48 condominiums, for a total of 800 residential units rather than the outstanding 1101.

¹Calaveras County Planning Department Letter from D. Lewis to C. Palmer and R. Creamer dated April 3, 2019 and email from Peter Mauer dated May 10, 2019; attached as Appendix B.

Written Verification of Availability of Water Supply

The District has determined the Project water demand was included as part of the District's most recently adopted 2015 Urban Water Management Plan Update (UWMP) and the District's 2018 Copper Cove Water System Master Plan. The District has also determined that the total water supplies available to the District during normal, single-dry, and multiple-dry years within a 20 year projection provide sufficient water supply will meet the projected water demand of the Project in addition to the demand of existing and other planned future uses including, but not limited to, agricultural and industrial uses.

Prior Water Supply Assessments

CCWD does not allocate particular supplies to any project, but identifies total supplies for its service areas. Because of CCWD's aggregation of demands and supplies from the Stanislaus River derived from the North Fork Project, although each assessment completed by CCWD will be prepared as a new document, each assessment is expected to be generally similar to the most recent assessment, with changes as needed to take into account changes, if any, in demands and supplies. An assessed project's water demand will have been included in previous water supply assessments for other projects to the extent of any water demand information for the project that was available to CCWD. Neighboring Water Supply Assessments in the CCSA include: (1) the Oak Canyon Ranch Project Water Supply Assessment adopted by CCWD Resolution 2002-29, (2) the Tuscany Hills Project Water Supply Assessment passed by CCWD Resolution 2005-83, and (3) the Copper Valley Ranch Project Water Supply assessment adopted by CCWD Resolution 2009-16. The Oak Canyon Ranch Project has since been removed as a project for development and placed into a permanent conservation easement.

Notably, the District was not required to complete a Water Supply Assessment for the previous Saddle Creek Project as proposed in 1994 because it was not a state mandate at the time. Nonetheless, the Saddle Creek Project's previously identified water demand for the was included (as part of CCWD's "full build-out" demand) in previous water supply assessments performed by CCWD, based on land use planning information then available to CCWD. In this water supply assessment, the Saddle Creek Project demand will be revised in accordance with updated information provided by the applicant and included in the demand evaluation.

Water Supply Commitment

As stated in Senate Bill 610, the length and severity of droughts in California cannot be predicted with any accuracy. There are various additional factors that affect the ability to ensure that adequate water supplies are available to meet all of California's water demands, now and in the future. Because of these factors, it is not possible to guarantee a permanent water supply for all water users in California in the amounts

requested. Factors currently known to the District that may substantially affect the reliability of water supplies in the CCSA are described in this written verification.

This written verification is prepared solely to comply with SB 221. This written verification does not, in any way, create a right or entitlement to water service or any specific level of water service. Each project proponent is required to enter into development or a Facilities Agreement with the District, as the District deems appropriate.

WATER SUPPLY & DEMAND

Surface water from the Stanislaus River is the source of supply for the CCSA. No groundwater is utilized or proposed to be utilized by the District to serve the CCSA now or into the future. Water from the Stanislaus River is stored and conveyed by CCWD's North Fork Hydroelectric and Water Supply Project. The District is currently delivering water from the Stanislaus River to the CCSA. The District holds various permits issued by the State Water Resources Control Board (SWRCB) for consumptive and non-consumptive uses of water from the Stanislaus River system including but not limited to rights acquired pursuant to Application Nos. 12912A, 11792B, 12910, 12911, 12912, 13091, 13092, 13093, 18727, 19148, and 19149. These water rights were acquired as part of the North Fork Stanislaus River Hydroelectric Development Project. Pursuant to contractual arrangements with the Northern California Power Agency and the Utica Water and Power Authority, the District can also put to use significant quantities of senior pre-1914 water supplies at Lake Tulloch on Stanislaus River after it is used for power purposes.

With respect to the CCSA, the current post-14 water right permits provide up to 6,000 acre feet annually (AFA) to be delivered to the CCSA from the Stanislaus via a diversion at Lake Tulloch Reservoir. However, the SWRCB considered the potential for growth in Copper Cove and noted that consumptive demand could climb to approximately 4,000-9,000 AFA. SWRCB Order 97-05 directs the District to obtain an order from the SWRCB prior to delivering more than 6,000 AFA in the CCSA. Even though this directive conditions the District's ability to use water under these permits, it does not reduce the District's cumulative entitlements under those water rights, which substantially exceed 6,000 AFA. To divert water above 6,000 AFA within the CCSA, the District would submit a "change petition" to the SWRCB. The change petition would request a change to a condition of the existing water rights and would not constitute a request for a new appropriation of water.

Existing Water Supply and CCSA System Demands

The 2015 UWMP evaluated existing and project water supply demands for "Sub-Region B", which includes areas along the Highway 4 corridor in Calaveras County that are currently served by supplies from the North Fork Project, and those that may be in the future. Sub-Region B in the 2015 UWMP includes the CCSA.

The 2015 UWMP existing demand analysis included specific information within the CCSA. The customer classes within the CCSA include single family residential, commercial, institutional/governmental, emergency, and landscape. Total demand in the CCSA was 1,656 Acre Feet (AF) in 2015. Of the total potable demand, 82.6 percent is for single family residential use, 11.4 percent is for landscape use, and 4.8 percent is for commercial use. Institutional and other potable water demand accounts for the remaining 1.2 percent. "Other" demand includes the Lancha Plana program metered fill stations and fire flow for emergency services.

In addition to potable water, the water system also supplies Saddle Creek Golf Course which receives a mixture of raw and recycled water. The golf course uses raw water from Lake Tulloch to supplement the recycled water used for irrigation and water feature ponds. In 2015, Saddle Creek received 402 AF of raw water. **Table 1** below shows the current (2015) water use by class for Sub-Region B.

Table 1: Sub-Region B Demands for Potable and Raw Water - Existing

Use Type	2015 Actual		
	Number of Connections	Level of Treatment when Delivered	Volume AF
Single Family	8,180	Drinking water	1,132
Multi-Family	10	Drinking water	16
Commercial	302	Drinking water	91
Institutional/Governmental	8	Drinking water	27
Landscape	80	Drinking water	144
Landscape	1	Raw water	402
Sales/Transfers/Exchanges to other agencies	2	Drinking water	14
Other ¹	--	Drinking water	4
Losses	--	Drinking water	1,002
TOTAL	8,583		2,832

NOTES: (1) Includes fire flow for emergency services and Lancha Plana metered fill stations. The Lancha Plana program provides drinking water for non-CCWD customers.

The existing raw water pump station and intake at Tulloch Reservoir has a rated capacity of 4.75 million gallons per day (mgd). The demand associated with the Saddle Creek golf course's irrigation requirements decreases the available water supply, in peak periods, by approximately 1.0 mgd (approximately 700-gpm). The water available to supply the Copper Cove Water Treatment Plant (CCWTP) during peak periods is approximately 2,600-gpm (3.75 mgd).with the treatment plant rated at 4 mgd. These flow rates provide the maximum day demand for the service area. The current

maximum day demand is approximately 2.69 mgd. Existing and Future System Demands developed in the 2018 Copper Cove Water Master Plan are presented below, which shows that there currently is some existing capacity to serve this development or others in the vicinity. The Copper Cove Water Master Plan projects a total maximum day demand of up to 17.81 mgd, which includes the Project. Additional expansion would be phased in appropriately to accommodate build-out trends.

The Copper Cove WTP was constructed in 1998 to supply treated water to the Copper Cove and Copperopolis communities. The WTP has a rated capacity of 4 mgd and has room to expand the capacity to 10 mgd. Treatment capacity is provided by two 2 mgd filter units. Service failure of one unit reduces the capacity of the WTP by half. Treatment consists of pre-ozonation, micro-filtration, and disinfection with sodium hypochlorite. Pre-ozonation provides taste and odor control, as well as TOC and disinfection by-product reduction. A 300,000 gallon clearwell provides contact time prior to delivering water to the distribution system.

The existing system demands are presented in **Table 5**. The average daily demand (ADD) has been adopted from the UWMP, while the maximum daily demand (MDD) is equal to the maximum daily production on record between 2008 and 2016. For comparison, the historic water records are presented in **Table 6**. The historic records present an ADD less than that adopted from the UWMP. The UWMP ADD was selected to represent the existing system to provide consistency between planning documents and to be conservative. The existing ADD is 1.58-mgd and the existing MDD is 2.69-mgd. The peak hour demand (PHD) is 4.04-mgd. The PHD was calculated using CCWD's MDD:PHD peaking factor of 1.5. Losses represent multiple issues including leakage, undocumented water consumption, and inaccurate customer meters².

² The District recognizes that cumulative "losses" may be grossly overestimated. The district has identified data and metering upgrades as a priority. However, that does not impact the overall production of water to the distribution system totals.

Table 5. Existing System Demands

User Type	Existing ADD (MGD)	Existing MDD (MGD)	Existing PHD (MGD)	ADD: MDD Peaking Factor
Residential	0.76	1.30	1.95	1.71
Landscape	0.01	0.02	0.02	2.00
Public Service	0.01	0.01	0.02	1.00
Commercial	0.14	0.24	0.37	0.24
Losses	0.61	1.12	1.68	1.12
Total	1.58	2.69	4.04	1.70

Table 6. Historical System Demands

Year	ADD (MGD)	MDD (MGD)	ADD:MDD Peaking Factor
2008	1.41	2.62	1.86
2009	1.24	2.69	2.17
2010	1.14	2.54	2.22
2011	1.19	2.40	2.01
2012	1.28	2.47	1.93
2013	1.37	2.53	1.84
2014	1.10	2.36	2.15
2015	0.96	1.79	1.87
2016	1.11	2.41	2.17
Maximum	1.41	2.69	2.22

Peaking Factors

Peaking factors define the relationship between ADD and MDD and the relationship between MDD and PHD. These peaking factors were used to model both the existing system and the buildout system. The maximum day and peak hour peaking factors proposed for the 2018 Master Plan were as follows:

- Existing ADD:MDD Peaking Factor – 1.70 (per Table 5)
- Buildout ADD:MDD Peaking Factor – 2.22 (per Table 6)
- MDD:PHD Peaking Factor – 1.5 (per the District’s *Design and Construction Standards*)

Existing and buildout peaking factors in the 2018 Copper Cove Water Master Plan were unique due to the use of the 2015 CCWD UWMP ADD, which distorted the historic relationship between ADD and MDD. Using a single peaking factor would result in an erroneous buildout MDD; therefore, unique peaking factors were defined in the Master Plan.

Projected Demands

The 2015 UWMP also evaluated projected water demands for Sub-Region B based upon the Department of Finance population projections, an accepted methodology according to the Urban Water Management Planning Act. This methodology was determined to be the most representative of anticipated growth for the district. **Table 2** below shows projected water use by for Sub-Region B utilizing the approved methodology.

Table 2: Sub-Region B Demands for Potable and Raw Water - Projected

Use Type	Additional Description (if needed)	Projected Water Use (AF)				
		2020	2025	2030	2035	2040
Single Family	--	3,521	4,148	4,709	5,698	7,518
Multi-Family	--	25	26	27	28	28
Commercial	--	153	161	167	173	176
Institutional/ Governmental	--	94	99	102	105	108
Landscape	--	254	267	278	285	291
Landscape	--	419	440	456	470	478
Groundwater recharge ¹	--	*	*	*	*	*
Agricultural irrigation ²	--	7,017	12,970	18,923	24,876	30,830
Sales/Transfers/ Exchanges to other agencies	--	137	138	139	140	141
Other	--	9	9	9	9	9
Losses ³	--	2,196	2,624	3,011	3,702	4,985
TOTAL		13,825	20,882	27,821	35,486	44,564

NOTES: (1) As an active user of the Eastern San Joaquin Groundwater basin, it is anticipated that CCWD will be required to participate in some form of groundwater recharge program as part of the Sustainable Groundwater Management Act; however, future demands associated with groundwater recharge are currently unknown; (2) This is a conservative estimate of agricultural demand that the District could serve in the future. CCWD will continue to evaluate the agricultural potential and the impact on demand; (3) Losses were calculated by determining the percent of losses as a total of the demand for calendar year 2015 and applying that percentage to the projected demand. Losses represent real and apparent losses.

2018 Master Plan – Copper Cover Service Area

The District adopted the Copper Cove Water Master Plan (adopted October 2018), discussed herein, and a Five-Year Capital Improvement Plan (adopted August 2019) to

plan for increased incremental expansion in CCWD's CCSA. The Master Plans delineate phased expansions of facilities based on incremental increases in service area water demand. These Plans identified the "C1 Tank and Saddle Creek Transmission Main Project" as a short-term priority to increase overall system reliability, improve overall system efficiency, and maintain specific distribution capacity for the Saddle Creek Development long-term. The 2018 Copper Cove Water Master Plan is available on CCWD's Website³, and physical copies of these documents are available from the District at cost.

Buildout - Projected Water System Demands

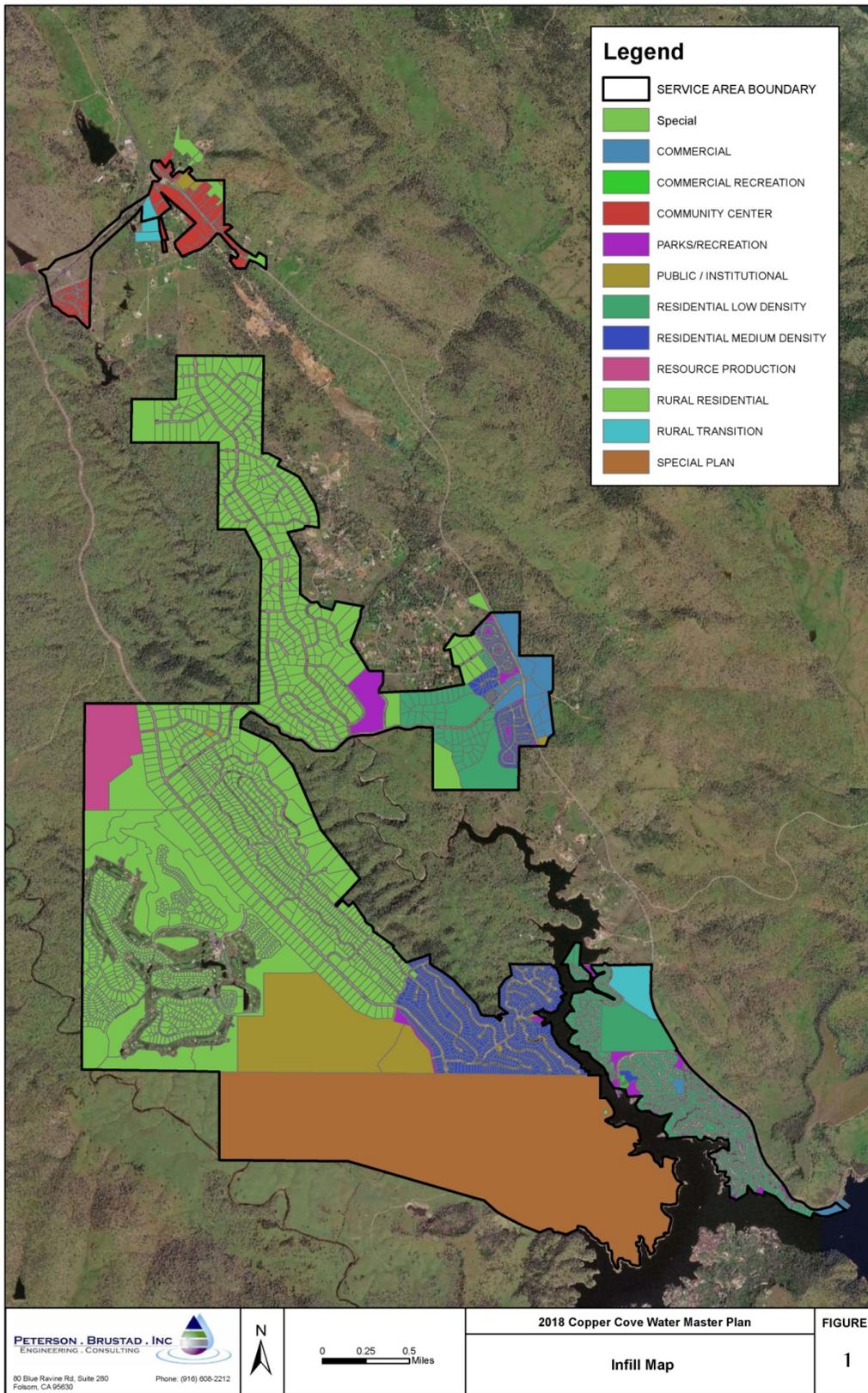
The District consistently updates its projections for the number of connections in order to plan for facilities expansions. The CCSA has yet to reach buildout and has considerable room to support future developments. Of the 7.5 square miles within the service area, only 3.2 square miles have been developed. The remaining 4.3 square miles provides room for future connections to be served by the CCWTP. A map presenting complete infill by land use type consistent with the 2016 Draft Calaveras County General Plan Update is presented in **Figure 1**.

Projected Demands with Project

The Saddle Creek development was originally approved for 1,650 single family residential parcels. A total of 549 parcels have been recorded to date, and 1101 parcels of the original entitlement remain undeveloped. The Applicant is proposing a Vesting Tentative Subdivision Tract Map to record 753 lots, with one six acre lot containing 48 condominiums, for a total of 800 residential units rather than the outstanding 1101. Using the demand estimates the addition of 753 new connections (800 residential units) would result in an increased demand for the CCSA of 374 AFA. This is derived by multiplying the number of proposed units for the Saddle Creek Project by the District planning standard of 2.41 residents per household, and further multiplying that by a per capita demand factor of 0.194 AF per-person-per-year.

The District is projected to serve approximately 16,510 people at buildout. The buildout population contained in the 2018 Copper Cove Water Master Plan was determined based on the 6,852 buildout connections and the District's planning standard of 2.41 residents per residential connection. However, buildout was not anticipated to occur before 2040.

³ CCWD Website Address: <https://ccwd.org/about-ccwd/publications/engineering-reports/>



Legend

- SERVICE AREA BOUNDARY
- Special
- COMMERCIAL
- COMMERCIAL RECREATION
- COMMUNITY CENTER
- PARKS/RECREATION
- PUBLIC / INSTITUTIONAL
- RESIDENTIAL LOW DENSITY
- RESIDENTIAL MEDIUM DENSITY
- RESOURCE PRODUCTION
- RURAL RESIDENTIAL
- RURAL TRANSITION
- SPECIAL PLAN

The average daily water demand at buildout was determined by calculating and summing the demand for each user type. Residential demands were calculated by multiplying the buildout population (16,513 people) by the mean residential per capita user demand (173 gallons per person-day). The mean residential per capita user demand derived from the 2015 UWMP. Using this metric to project future water demands is consistent with the mandated 2009 Senate Bill X7-7 20% water conservation goals. See **Table 5** for how the mean residential per capita demand was derived.

Table 5. Residential per Capita Water Demand

	YEAR					
	Existing	2020	2025	2030	2045	2040
Copper Cove Population	4,416	4,708	4,944	5,127	5,280	5,373
Single Family Demand (AF/yr)	856	912	958	994	1023	1041
Residential Demand (AF/yr-person)	0.194	0.194	0.194	0.194	0.194	0.194
Mean Residential Demand (AF/person-yr)	0.194					
Mean Residential GPCD (gal/person-day)	173					
ADD Per Connection (gal/day-connection)	417					

The average daily water demand at build out is projected to be 5.4-mgd. The buildout ADD was determined by summing residential, commercial, public service, landscape and water loss demands. The buildout MDD and PHD were calculated based on the buildout ADD:MDD peaking factor (2.22) and MDD:PHD peaking factor (1.5) defined in the previous section. The buildout system demands are summarized in Table 6.

Table 6. Buildout System Demands

User Type	Buildout ADD (MGD)	Buildout MDD (MGD)	Buildout PHD (MGD)
Residential	2.86	6.34	9.51
Commercial	0.09	0.20	0.31
Public Service	0.11	0.25	0.37
Landscape	0.06	0.14	0.21
Losses	2.23	4.94	7.41
Total	5.35	11.87	17.81

In the 2018 Copper Cove Water Master Plan, existing and buildout demands were allocated throughout the developed model and summed to estimate the demand within each pressure zone. This process was repeated to estimate the demand by tank zone. The existing and planned Saddle Creek Development is pressure zone “C3” fed by the system’s “C Tank”. The allocations of demands by pressure zone are shown in **Table 7** and by tank zone. **Figure 2** presents a map of the system pressure zones.

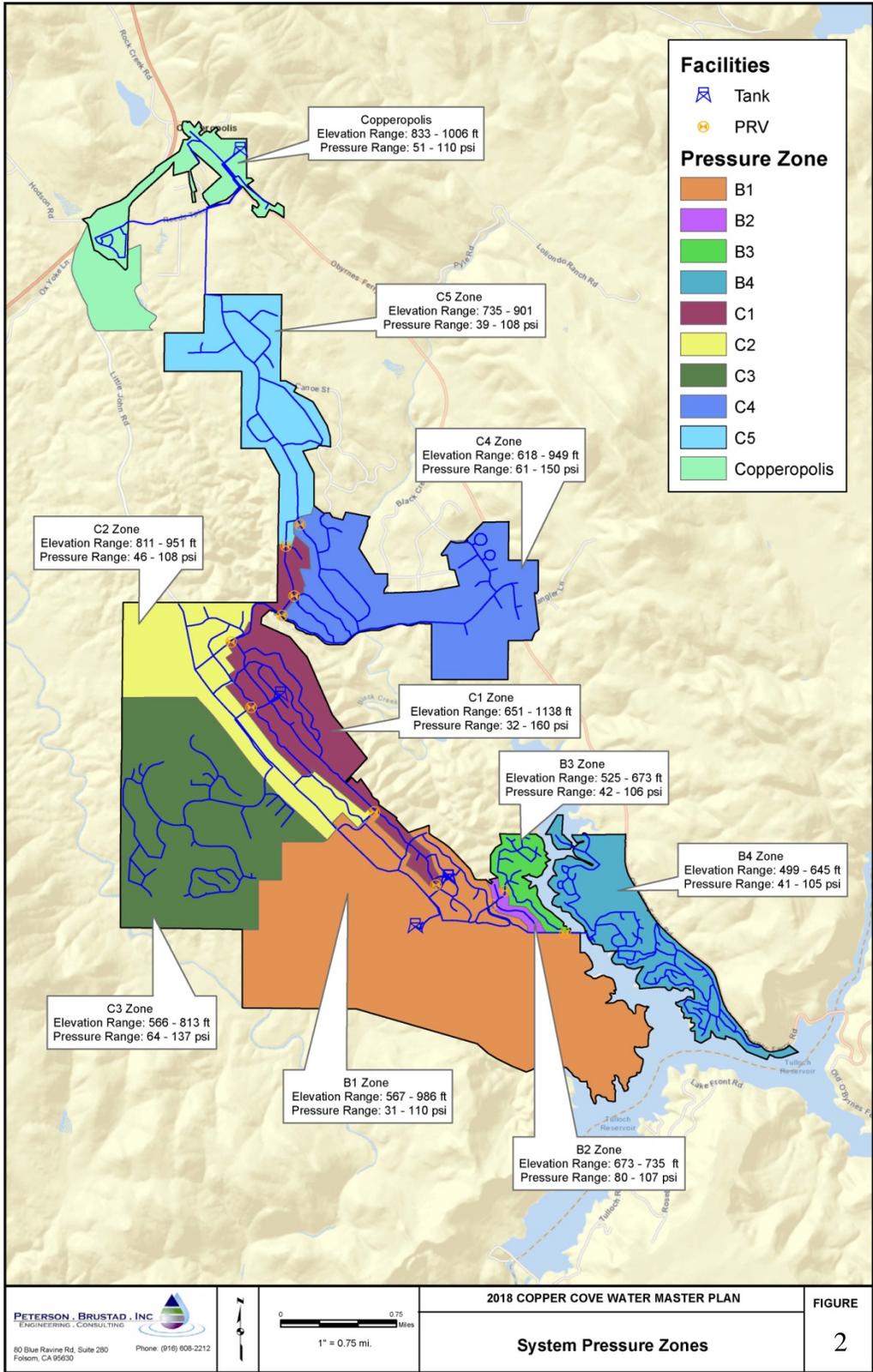
Table 7. System Demand by Pressure Zone

Pressure Zone	Baseline MDD (mgd)	Buildout MDD (mgd)
B1	0.28	3.13
B2	0.01	0.05
B3	0.07	0.22
B4	0.33	0.96
C1	0.29	0.92
C2	0.22	0.96
C3	0.26	1.24
C4	0.65	1.51
C5	0.46	2.34
Copperopolis	0.11	0.66

The proposed “C1 Tank and Saddle Creek Transmission Main Project” included in the 2018 Copper Cove Water Master Plan will relieve certain issues with reliability of water deliveries to Saddle Creek long-term in order to improve service to future connections. This project is included in the Five-Year Capital Improvement Plan. Description of issue summarized in the Master Plan as follows:

“The project will also relieve Zone C3 high-pressure deficiency while reducing the system pumping requirements. The majority of the time Saddle Creek does not require the head provided by the C Tanks and is better served from B Tanks. Serving Saddle Creek via the WTP will relieve the high-pressure deficiency along Quail Creek Drive between B Tanks and C Tanks. PRVs would otherwise need to be installed along Quail Creek Drive to address the high system pressure deficiencies.”

The District has very recently been evaluating constraints on the system necessary to continue serving the Saddle Creek development into the future and intends to continue to plan for the expansion and growth of this development within its existing capacity.



RELIABILITY ANALYSIS

Government Code Section 66473.7 requires that water supply be evaluated during normal, single-dry and multiple-dry years. The District's sole source of water for Copper Cove supply is surface water. Droughts exceeding three (3) years are relatively rare in Northern California. An unusually long 1929-34 drought established the criteria commonly used in designing storage capacity and yield of large Northern California reservoirs. More recent droughts that serve as yardsticks for water supply reliability analyses include droughts from 1976-77, 1987-92, and 2012-16. The driest single year of California's measured hydrologic record was 1977.

Government Code Section 66473.7 also requires that the District consider the availability of water supplies over a historical record of at least 20 years. The District has not had water availability issues or shortages in the CCSA during the past 20 years and has had sufficient water supply to meet all demands during that time period. Prior to 1992 and construction of the North Fork Project, the District relied on contract purchases of water from South San Joaquin Irrigation District to supply the Copper Cove service area which were subject to shortages. The construction of the North Fork Project in 1992 provided firm, long term water supply to the District. Following CCWD's construction of the North Fork Project and the resulting increased storage in the upper Stanislaus River System, the State Water Resources Control Board issued Water Right Orders 97-05 and 97-06 which secured water rights to serve Ebbetts Pass and the CCSA with water supplies originating from New Spicer Reservoir, and the District was no longer reliant on contractual supplies. During the more recent recorded droughts in 1976-77, 1987-92, 2008-2010, and 2012-16 CCWD restricted water use in its Copperopolis and Ebbetts Pass service areas twice pursuant to its water shortage contingency plans. CCWD employed multiple conservation measures as part of its contingency planning, such as voluntary cutbacks in water usage, a public information campaign to conserve water, water conservation advertisements, and bill inserts. These restrictions however were not driven by local water supply conditions, which remained ample, but rather stemmed from directives from the Governor's Office to reduce water usage and conserve water statewide.

The District does not have resolutions or ordinances effectuating a reduction in water supply allocated to a specific water use sector during shortages. As a best management practice for the beneficial use of water, the Saddle Creek golf course is expected to utilize reclaimed water for irrigation before raw water supplies are delivered, to the extent practicable. As noted above, the District relies solely on surface water supplies from the North Fork Project to serve the CCSA, and does not include other additional supplies such as groundwater, conjunctive use, reclaimed water, water conservation, and/or water transfers in the evaluation of meeting the supply demands of CCSA currently or in the future.

In the 2015 CCWD UWMP the District evaluated the yield of water supplies in Sub-Region B, which were developed as part of the North Fork Project. Supplies were evaluated both at current levels and projected out to 2040. To assess water supply reliability for the projected demands, the Stanislaus River system the UWMP was required to evaluate the “safe yield” that is available from the North Fork Project in average, single-dry year, and multiple-dry years (three-year drought). For this purpose, the definition of “safe yield” is as follows:

“Safe Yield” is the maximum quantity of water that can continuously be made available from a water supply project or system without deficiency, each year, under hydrologic conditions similar to the most critical dry period(s) of record.

Table 3-1 from the 2015 CCWD UWMP below shows the total water supply in each year type for the District’s Stanislaus River supply. The average year supply volumes are based on the District’s storage right in Spicer Reservoir. This supply was assumed to be available in the first year of a multi-year drought. In subsequent, consecutive dry years, it was assumed that a segment of the District’s Stanislaus River water rights would be curtailed (as they were in 2014 and 2015) and only the water that the District had stored in Spicer Reservoir prior to the curtailment would be available. Supply available in the second and third consecutive dry years was reduced by the 2015 demand to represent the District’s use of the stored water in times of curtailment

Table 3-1: Sub-Region B – Basis of Water Year Data

Year Type	Base Year	Available Supplies if Year Type Repeats	
		Volume Available	% of Average Supply
Average Year ¹	--	76,300	100%
Single-Dry Year ²	--	70,530	92%
Multiple-Dry Years 1st Year ²	--	76,300	100%
Multiple-Dry Years 2nd Year ²	--	73,415	96%
Multiple-Dry Years 3rd Year ²	--	70,530	92%

NOTES: (1) Average year is based on the District’s storage right in Spicer Reservoir. (2) The District’s ability to directly divert from the Stanislaus River was assumed to be curtailed in the second and third years of a multi-dry year period; available supplies was assumed to be the water available in Spicer Reservoir less the demands from the prior year (assumed to be 2015 demand).

The 2015 CCWD UWMP further compared projected water supplies in various hydrologic year types to projected demands for each sub-region. **Table 3-2**, **Table 3-3**, and **Table 3-4** present the supply and demand assessment for the District's Stanislaus River supply for Sub-Region B. The demand estimates also projected demands for other potential uses include agricultural uses the Highway 4 corridor, which are not the subject of this analysis. Note that these also do not reflect full build-out demands, which are not expected to occur before 2040.

Table 3-2: Sub-Region B – Normal Year Supply and Demand Comparison

	2020	2025	2030	2035	2040
Supply totals	76,638	76,736	76,834	76,932	77,032
Demand totals	9,761	16,141	22,433	29,469	37,952
Difference	66,877	60,595	54,401	47,463	39,080
NOTES: Recycled water is included in both supply and demand total.					

Table3-3: Sub-Region B – Single-Dry Year Supply and Demand Comparison

	2020	2025	2030	2035	2040
Supply totals	70,868	70,966	71,064	71,162	71,262
Demand totals	9,761	16,141	22,433	29,469	37,952
Difference	66,877	60,595	54,401	47,463	39,080
NOTES: Recycled water is included in both supply and demand total.					

Table 3-4: Sub-Region B – Multiple-Dry Year Supply and Demand Comparison

		2020	2025	2030	2035	2040
First Year	Supply totals	76,638	76,736	76,834	76,932	77,032
	Demand totals	9,761	16,141	22,433	29,469	37,952
	Difference	66,877	60,595	54,401	47,463	39,080
Second Year	Supply totals	73,753	73,851	73,949	74,147	74,147
	Demand totals	9,761	16,141	22,433	29,469	37,952
	Difference	63,992	57,710	51,516	44,678	36,195
Third Year	Supply totals	70,868	70,966	71,064	71,162	71,262
	Demand totals	9,761	16,141	22,433	29,469	37,952
	Difference	61,107	54,825	48,631	41,693	33,310

NOTES: Recycled water is included in both supply and demand total.

Water Shortage Contingency Planning

Even though no shortages are projected in Sub-Region B, the District is required to be prepared to reduce usage in drought or other catastrophic shortage scenarios. The Urban Water Management Planning Act requires that each water supplier provide a Water Shortage Contingency Plan that outlines how the supplier will prepare for and respond to water shortages. The District addressed this requirement in the 2015 CCWD UWMP by describing the staged actions that the District would implement in response a water shortage that occurs over a period of time, such as a drought or interruption in supply due to a catastrophic event, as required by California Water Code.

The District is comprised of six independent water systems located throughout Calaveras County; however, the overwhelming majority of the District’s supply is surface water, which is particularly vulnerable to drought. Despite having distinct supply systems, each system would be similarly impacted by a supply shortage resulting from a drought or emergency disturbance. Water shortage contingency planning will help the District plan for and mitigate supply shortages for all District customers, regardless of their water delivery system.

The District’s Water Shortage Contingency Plan provides five stages of response based on water supply conditions within the District’s service area. The initial Advisory Stage, set at a 10 percent reduction, is a voluntary stage to preserve water in the early stages

of a potential shortage. The four mandatory rationing levels are designed to respond to increasingly severe supply shortages. **Table 4** below highlights each stage, the respective percent supply reduction, and the water supply condition. The action stages would be implemented by action of the CCWD Board of Directors.

The plan also includes a “Stage 0”, intended to respond to reductions due to external factors that are not necessarily supply driven. For example, on January 14, 2014, the Governor of California declared a drought state of emergency and called on Californians to reduce water use by 20 percent. On April 1, 2015, the Governor set a precedent in California by issuing Executive Order B-29-15 which mandated water use reductions to achieve a 25 percent statewide reduction. To achieve this statewide goal, the SWRCB adopted regulations specific to each agency; as a result, CCWD was mandated to reduce water use by 16 percent on a monthly basis in 2015, as compared to corresponding monthly use in 2013. The District’s ratepayers responded well and conserved above and beyond these requirements.

Table 4: Stages of Action for CCWD’s Water Shortage Contingency Plan

Stage	Percent Supply Reduction	Water Supply Condition
1: Advisory Stage (Voluntary Rationing)	≤10%	Up to a 10% reduction in total District supply
2: Alert Stage (Mandatory Rationing)	11-15%	11-15% reduction in total District supply
3: Moderate Stage (Mandatory Rationing)	16-25%	16-25% reduction in total District supply
4: Critical Stage (Mandatory Rationing)	26-49%	26-49% reduction in total District supply
5: Emergency Stage (Mandatory Rationing)	≥50%	50% or more reduction in total District supply
0: Reduction required due to external factors	Unknown	To be selected from one of the 5 stages of action based on level of reduction needed

Other Variables Affecting Availability of Future Water Supplies

Other than California’s variable hydrology, the primary issue affecting reliability of California water supplies is the impact of state and federal laws that encourage or compel increased in-stream flows. Laws that may affect water supplies include, but are not limited to, the Federal Endangered Species Act, 16 U.S.C. §§1531 *et seq*, the Clean Water Act, 33 U.S.C. §§1251 *et seq*, and California Fish and Game Code §5937.

Environmental issues in California are ubiquitous and, although they can affect water supply reliability, they do not always have such impacts. Each issue depends on myriad

political, technological, legal, and scientific factors. Sometimes these issues are decided by the courts; often a consensus solution can preserve water supply reliability and also meet environmental goals. Such agreements are usually compromise solutions, and there can be substantial costs associated with reaching and/or implementing the solution.

The District's water rights contain minimum flow requirements designed to protect in-stream resources. Regarding the impact of District withdrawals from the Stanislaus River system, the SWRCB has observed that "[i]n actuality, changes like these are not measurable in a reservoir system such as New Melones and Tulloch because the calculations cannot be done this precisely and minor variations in operation could have a larger impact than these apparent changes." Order 97-05, p. 25.

Other water right holders on the Stanislaus River system, including the Bureau of Reclamation that operates New Melones Reservoir upstream of Tulloch Reservoir, are also required to comply with minimum flow requirements.

SUMMARY

The District has historically used approximately 1,800-2,000 AFA in the CCSA depending upon available offsets by reclaimed water delivered to the Saddle Creek Golf Course. The proposed project would increase demand by an estimated 374 AFA. If, after completion of the environmental review process, the County decides to approve the Saddle Creek Project, the District's current permitted water diversion at Tulloch Reservoir (6,000 AFA) would be sufficient to supply the Project's demand in addition to the projected build-out of the current service area.

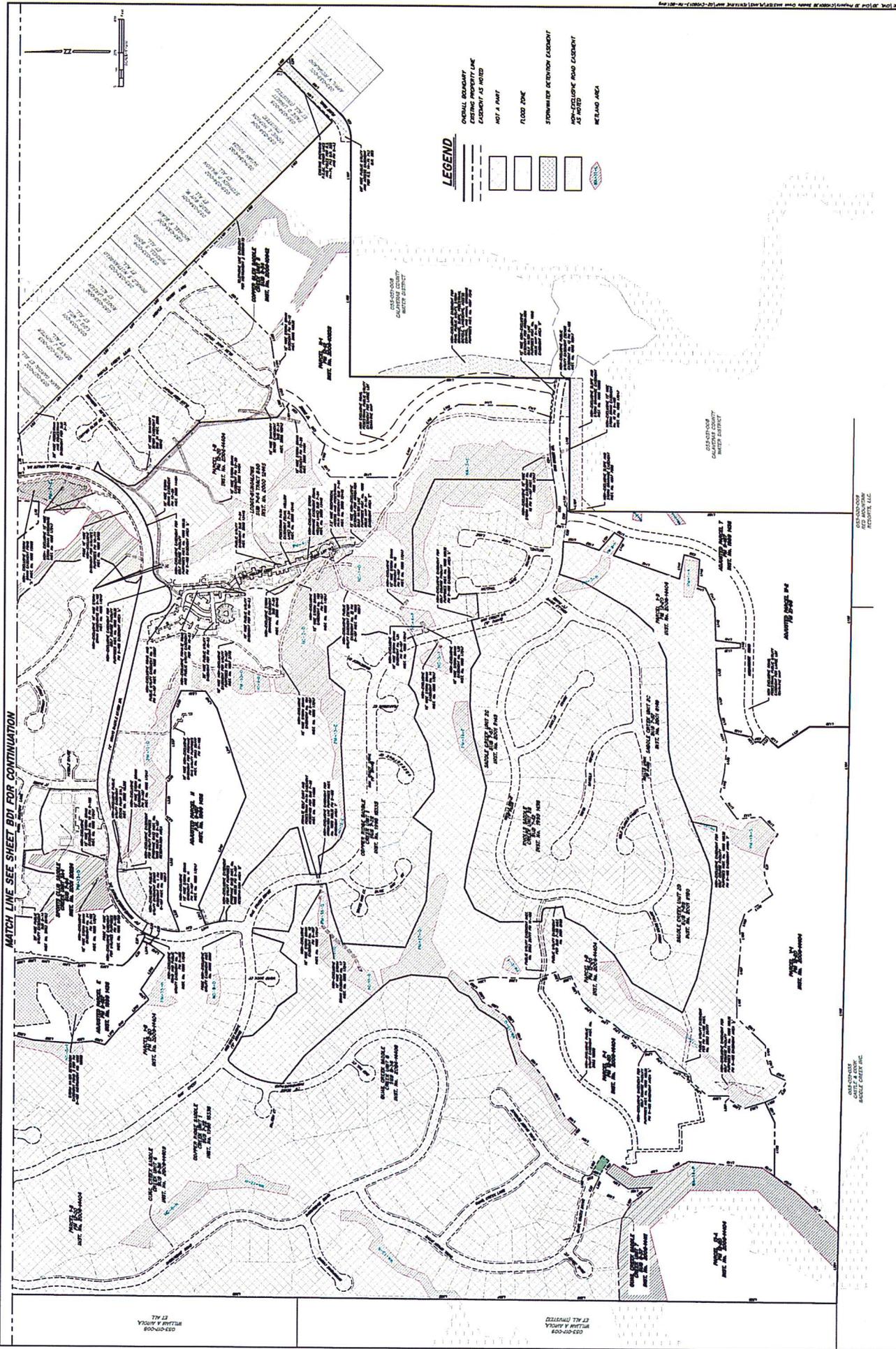
References:

2015 Urban Water Management Plan Update (UWMP).

District's 2018 Copper Cove Water System Master Plan.

APPENDIX A

**CV Saddle Creek Holdings Proposed Vesting Tentative Subdivision
Tract Maps**



MATCH LINE SEE SHEET B01 FOR CONTINUATION

LEGEND

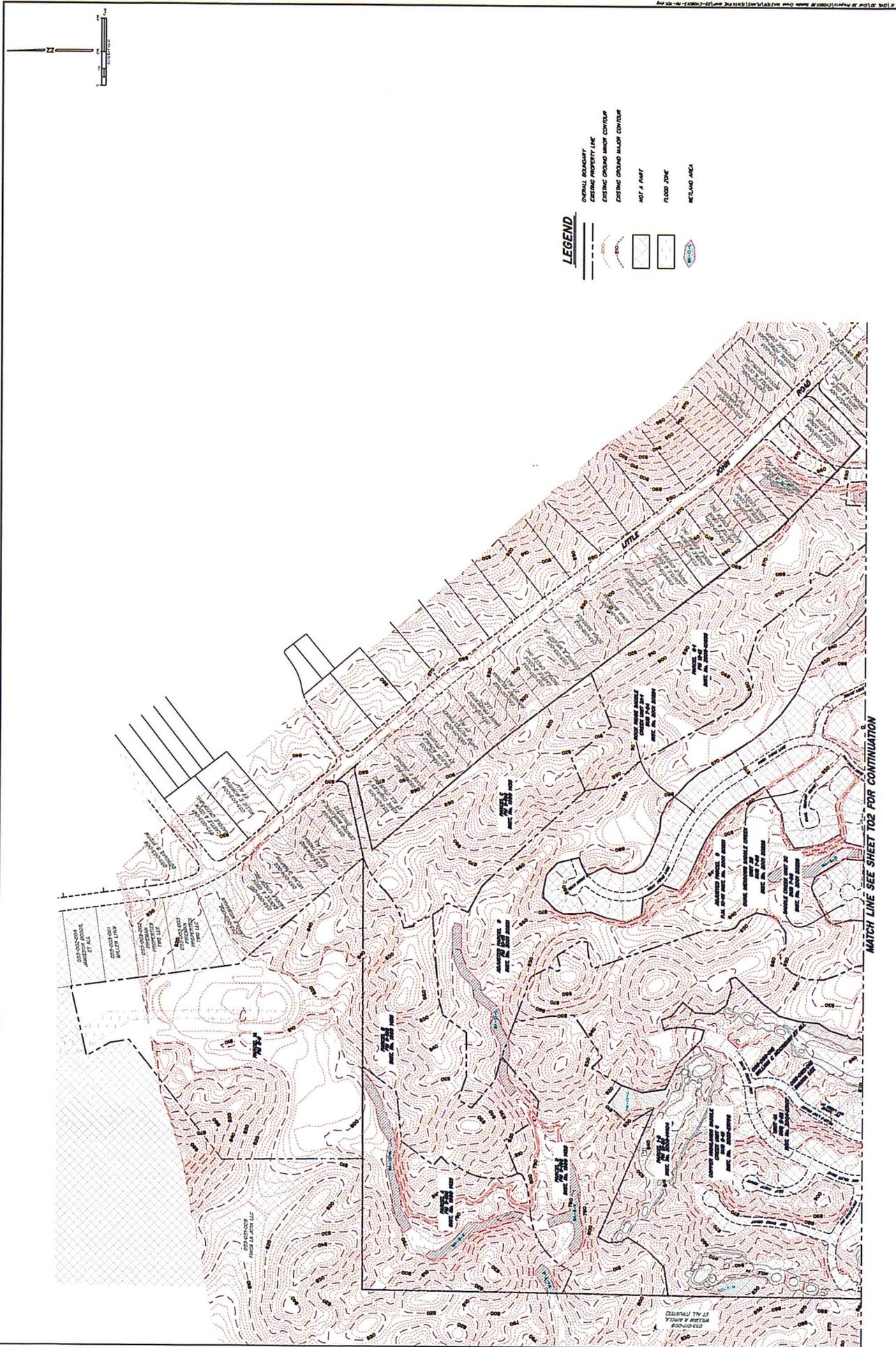
- OVERALL BOUNDARY
- EXISTING PROPERTY LINE
- EXISTING AS NOTED
- NOT A PART
- FLOOD ZONE
- STORMWATER RETENTION FACILITY
- NON-TRAVELING ROAD EASEMENT
- AS NOTED
- WETLAND AREA

		SADDLE CREEK VESTING TENTATIVE SUBDIVISION TRACT MAP BOUNDARY INFORMATION CALIFORNIA OF 10
		MVE INC. 1117 L Street, Modesto, CA 95354 888.826.4244 www.mve.net Northern California Southern California Nevada
Drawn By: RAM New Date: 1/27/2010	Date: 1/27/2010	DT
Job No.: 02030102	Check: RAM/AT	I.S.D. / O.V.S. / C.P.R.
Designer: RAM	Date: 1/27/2010	

02030102
 RYAN & JACOB
 1/27/10

02030102
 RYAN & JACOB
 1/27/10

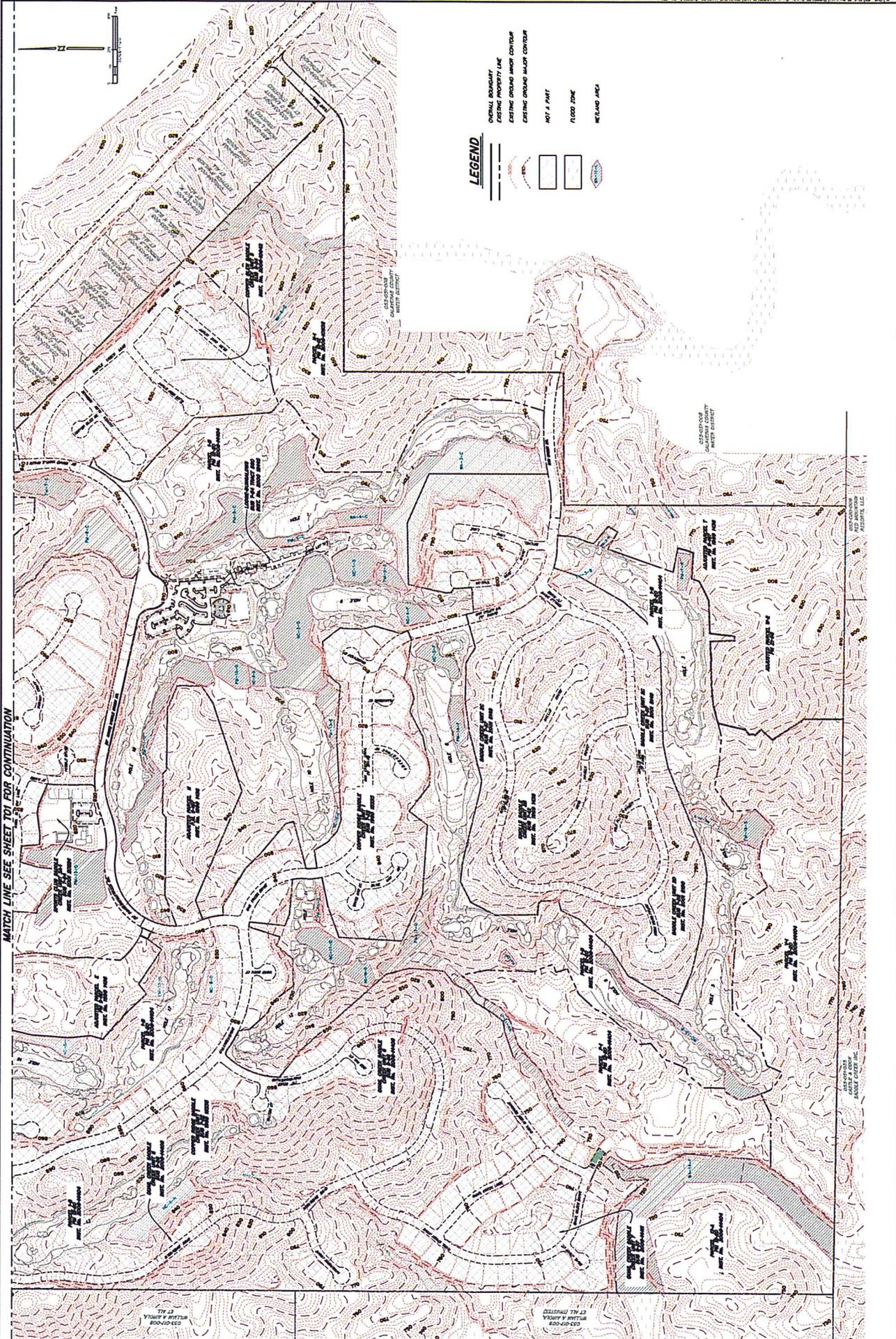
02030102
 RYAN & JACOB
 1/27/10



LEGEND

- OVERALL BOUNDARY
- EXISTING PROPERTY LINE
- EXISTING GROUND MAJOR CONTOUR
- EXISTING GROUND MAJOR CONTOUR
- NOT A PART
- FLOOD ZONE
- WETLAND AREA

<p>Drawn By: <i>RAM</i></p> <p>Name: <i>Dirk P. Zick</i></p> <p>Job No.: <i>03082102</i></p> <p>Checked: <i>DM/AT</i></p> <p>Design: <i>RAM</i></p> <p>© 2008 MVE Inc.</p>	<p>DATE: _____</p> <p>ISSUED FOR: _____</p> <p>BY: _____</p>	<p>DMC: 701</p> <p>SADDLE CREEK</p> <p>VESTING TENTATIVE</p> <p>SUBDIVISION TRACT MAP</p> <p>EXISTING TOPOGRAPHY</p> <p>CORNERPOLIS CALIFORNIA</p> <p>SHEET 5</p> <p>OF 10</p>
<p>MVE Inc.</p> <p>1117 L Street, Modesto, CA 95354 (888) 228-2214 www.mve.net</p> <p>Northern California Southern California Nevada</p>		
<p>MATCH LINE SEE SHEET 102 FOR CONTINUATION</p>		



LEGEND

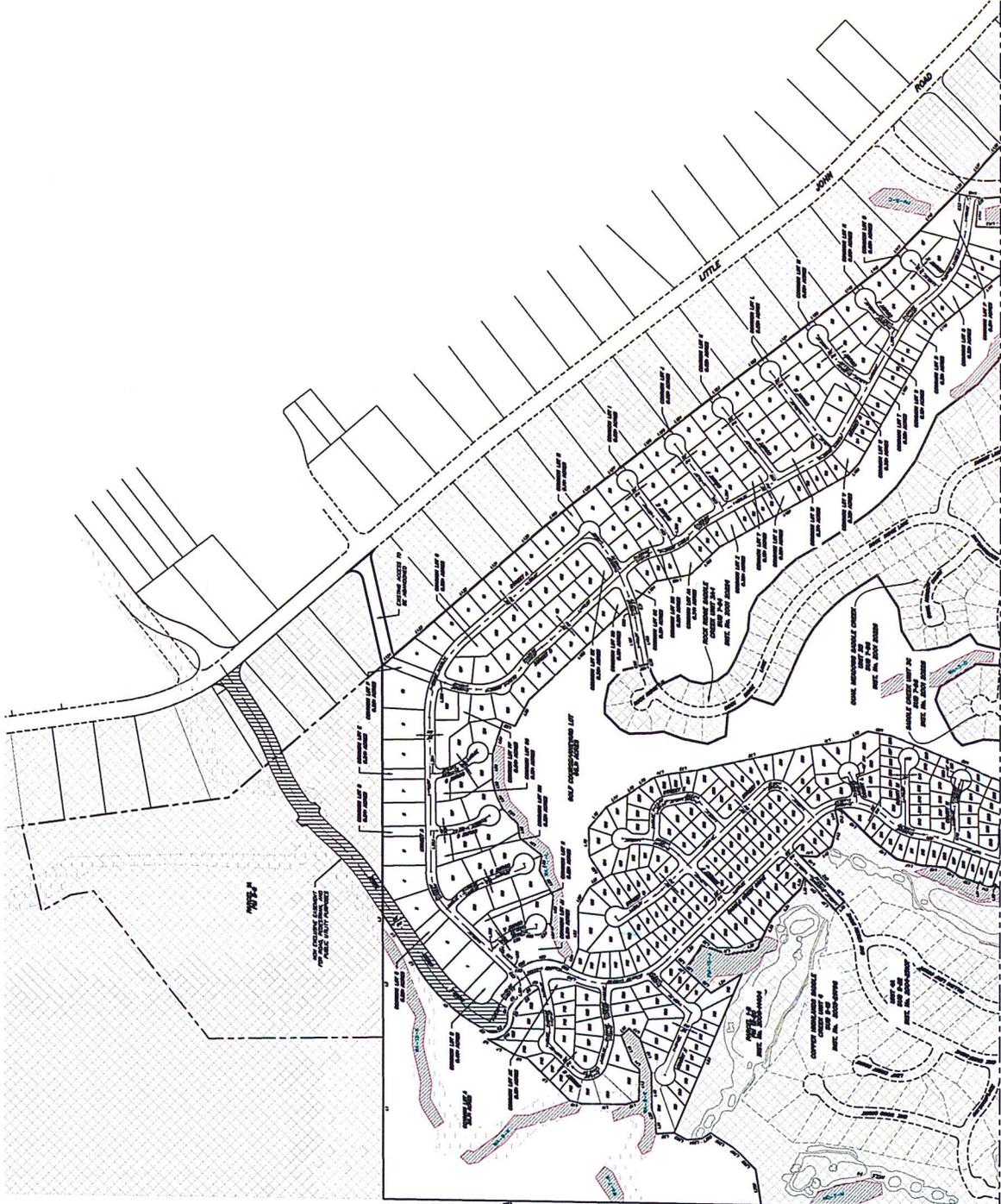
- OVERALL BOUNDARY
- EXISTING PROPERTY LINE
- EXISTING DRAINAGE MAJOR CONTOUR
- EXISTING DRAINAGE MINOR CONTOUR
- NOT A PART
- FLOOD ZONE
- WETLAND AREA

<p>SADDLE CREEK VESTING TENTATIVE SUBDIVISION TRACT MAP EXISTING TOPOGRAPHY</p>		<p>DMC 702 SHEET 6 OF 10</p>
<p>MVE MVE INC. 11171 Street, Mechanics, CA 90304 866.826.4214 www.mve.com Northern California Southern California Nevada</p>		
<p>Drawn By: <i>RAM</i> Issue Date: <i>1/27/2017</i></p>	<p>DATE ISSUED FOR</p>	<p>BY</p>
<p>Check: <i>DM/AT</i></p>		
<p>Design By: <i>RAM</i></p>		
<p>Scale: 1" = 200'</p>		



LEGEND

- OVERALL BOUNDARY
- PROPOSED PROPERTY LINE
- NOT A PART
- FLOOD ZONE
- NON-RESIDENTIAL ZONING FOR SMALL RESIDENTIAL AND PUBLIC UTILITY PURPOSES
- WETLAND A/C



MATCH LINE SEE SHEET SP2 FOR CONTINUATION

DWS: SPI
 SHEET 8
 OF 10
SADDLE CREEK
VENDING TENTATIVE
SUBDIVISION TRACT MAP
SITE PLAN
 CALIFORNIA

MVE
MVE I R O
 1117 L Street, Modesto, CA 95354 | (530) 528-4214 | www.mveinc.com
 Northern California | Southern California | Nevada



DATE	ISSUED FOR	BY

Drawn By: RAM
 Issue Date: 01/20/10
 Job No: C080103
 Checked: DAM/ST
 Design By: RAM
 Date: 01/20/10



MATCH LINE SEE SHEET SP1 FOR CONTINUATION

LEGEND

- Overall Boundary
- Proposed Property Line
- Wet Area
- Flood Zone
- Wetland Area

	<p>Drawn By: <i>RAH</i></p> <p>Issue Date: <i>8/27/2014</i></p> <p>Job No.: <i>00002130</i></p> <p>Checker: <i>DAW/ST</i></p> <p>Design By: <i>RAH</i></p> <p style="font-size: small;">© 2014 MVE Inc.</p>	<p>DATE: <i>8/27/2014</i></p> <p>ISSUED FOR: <i>DR</i></p>	<p>DATE: <i>8/27/2014</i></p> <p>ISSUED FOR: <i>DR</i></p>
<p>MVE Inc.</p> <p>MVE Inc. 1117 L Street, Modesto, CA 95354 888.828.4214 www.mve.net Northern California Southern California Nevada</p>		<p>SADDLE CREEK VESTING TENTATIVE SUBDIVISION TRACT MAP SITE PLAN</p> <p>SP2 SHEET 9 CALIFORNIA OF 10</p>	

APPENDIX B

Request from Calaveras County Planning Department



County of Calaveras Department of Planning

Peter N. Maurer ~ Planning Director
Phone (209) 754-6394 Fax (209) 754-6540
Website: www.co.calaveras.ca.us

April 3, 2019

Charles Palmer, District Engineer
Robert Creamer, Engineering Analyst
Calaveras County Water District
PO Box 846
San Andreas, CA 95249

RE: Project # 2019-006 Tentative Subdivision Tract Map for CV Saddle Creek Holdings, LLC
Request for Water Supply Assessment (WSA)
Pursuant to Water Code §§ 10910-10915

Dear Mr. Palmer and Mr. Creamer,

By this letter, the Calaveras County Planning Department is formally requesting the preparation of a Water Supply Assessment pursuant to Water Code §§ 10910-10915 for the following project:

Project 2019-006
Tentative Subdivision Tract Map for CV Saddle Creek Holdings, LLC

Pursuant to Water Code §10910(g)(1) please provide the WSA no later than 90 days from the date of receipt of this letter.

Detailed information on the above-referenced project is contained within the Initial Routing Packet mailed to your office on March 1, 2019. Please advise if you wish this information to be re-sent or if additional information is required. California Water Code §§ 10910-10915 is included as Attachment 1 to this letter.

Sincerely,

Debra Lewis, Planner III

cc: Alesia Danner, Administrative Technician
CCWD

**ATTACHMENT 1
WATER CODE**

**DIVISION 6. CONSERVATION, DEVELOPMENT, AND UTILIZATION OF STATE WATER
RESOURCES [10000 - 12999]**

(Heading of Division 6 amended by Stats. 1957, Ch. 1932.)

**PART 2.10. WATER SUPPLY PLANNING TO SUPPORT EXISTING AND PLANNED
FUTURE USES [10910 - 10915]**

(Part 2.10 added by Stats. 1995, Ch. 881, Sec. 4.)

10910.

(a) Any city or county that determines that a project, as defined in Section 10912, is subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) under Section 21080 of the Public Resources Code shall comply with this part.

(b) The city or county, at the time that it determines whether an environmental impact report, a negative declaration, or a mitigated negative declaration is required for any project subject to the California Environmental Quality Act pursuant to Section 21080.1 of the Public Resources Code, shall identify any water system whose service area includes the project site and any water system adjacent to the project site that is, or may become as a result of supplying water to the project identified pursuant to this subdivision, a public water system, as defined in Section 10912, that may supply water for the project. If the city or county is not able to identify any public water system that may supply water for the project, the city or county shall prepare the water assessment required by this part after consulting with any entity serving domestic water supplies whose service area includes the project site, the local agency formation commission, and any public water system adjacent to the project site.

(c) (1) The city or county, at the time it makes the determination required under Section 21080.1 of the Public Resources Code, shall request each public water system identified pursuant to subdivision (b) to determine whether the projected water demand associated with a proposed project was included as part of the most recently adopted urban water management plan adopted pursuant to Part 2.6 (commencing with Section 10610).

(2) If the projected water demand associated with the proposed project was accounted for in the most recently adopted urban water management plan, the public water system may incorporate the requested information from the urban water management plan in preparing the elements of the assessment required to comply with subdivisions (d), (e), (f), and (g).

(3) If the projected water demand associated with the proposed project was not accounted for in the most recently adopted urban water management plan, or the public water system has no urban water management plan, the water supply assessment for the project shall include a discussion with regard to whether the public water system's total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the proposed project, in addition to the public water system's existing and planned future uses, including agricultural and manufacturing uses.

(4) If the city or county is required to comply with this part pursuant to subdivision (b), the water supply assessment for the project shall include a discussion with regard to whether the total projected water supplies, determined to be available by the city or county for the project during normal, single dry, and multiple dry water years during a 20-year projection, will meet the

projected water demand associated with the proposed project, in addition to existing and planned future uses, including agricultural and manufacturing uses.

(d) (1) The assessment required by this section shall include an identification of any existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project, and a description of the quantities of water received in prior years by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), under the existing water supply entitlements, water rights, or water service contracts.

(2) An identification of existing water supply entitlements, water rights, or water service contracts held by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), shall be demonstrated by providing information related to all of the following:

(A) Written contracts or other proof of entitlement to an identified water supply.

(B) Copies of a capital outlay program for financing the delivery of a water supply that has been adopted by the public water system.

(C) Federal, state, and local permits for construction of necessary infrastructure associated with delivering the water supply.

(D) Any necessary regulatory approvals that are required in order to be able to convey or deliver the water supply.

(e) If no water has been received in prior years by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), under the existing water supply entitlements, water rights, or water service contracts, the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), shall also include in its water supply assessment pursuant to subdivision (c), an identification of the other public water systems or water service contractholders that receive a water supply or have existing water supply entitlements, water rights, or water service contracts, to the same source of water as the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has identified as a source of water supply within its water supply assessments.

(f) If a water supply for a proposed project includes groundwater, the following additional information shall be included in the water supply assessment:

(1) A review of any information contained in the urban water management plan relevant to the identified water supply for the proposed project.

(2) (A) A description of any groundwater basin or basins from which the proposed project will be supplied.

(B) For those basins for which a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has the legal right to pump under the order or decree.

(C) For a basin that has not been adjudicated that is a basin designated as high- or medium-priority pursuant to Section 10722.4, information regarding the following:

(i) Whether the department has identified the basin as being subject to critical conditions of overdraft pursuant to Section 12924.

(ii) If a groundwater sustainability agency has adopted a groundwater sustainability plan or has an approved alternative, a copy of that alternative or plan.

(D) For a basin that has not been adjudicated that is a basin designated as low- or very low priority pursuant to Section 10722.4, information as to whether the department has identified the

basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current bulletin of the department that characterizes the condition of the groundwater basin, and a detailed description by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), of the efforts being undertaken in the basin or basins to eliminate the long-term overdraft condition.

(3) A detailed description and analysis of the amount and location of groundwater pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), for the past five years from any groundwater basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), from any basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(5) An analysis of the sufficiency of the groundwater from the basin or basins from which the proposed project will be supplied to meet the projected water demand associated with the proposed project. A water supply assessment shall not be required to include the information required by this paragraph if the public water system determines, as part of the review required by paragraph (1), that the sufficiency of groundwater necessary to meet the initial and projected water demand associated with the project was addressed in the description and analysis required by subparagraph (D) of paragraph (4) of subdivision (b) of Section 10631.

(g) (1) Subject to paragraph (2), the governing body of each public water system shall submit the assessment to the city or county not later than 90 days from the date on which the request was received. The governing body of each public water system, or the city or county if either is required to comply with this act pursuant to subdivision (b), shall approve the assessment prepared pursuant to this section at a regular or special meeting.

(2) Prior to the expiration of the 90-day period, if the public water system intends to request an extension of time to prepare and adopt the assessment, the public water system shall meet with the city or county to request an extension of time, which shall not exceed 30 days, to prepare and adopt the assessment.

(3) If the public water system fails to request an extension of time, or fails to submit the assessment notwithstanding the extension of time granted pursuant to paragraph (2), the city or county may seek a writ of mandamus to compel the governing body of the public water system to comply with the requirements of this part relating to the submission of the water supply assessment.

(h) Notwithstanding any other provision of this part, if a project has been the subject of a water supply assessment that complies with the requirements of this part, no additional water supply assessment shall be required for subsequent projects that were part of a larger project for which a water supply assessment was completed and that has complied with the requirements of this part and for which the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has concluded that its water supplies are sufficient to meet the projected water demand associated with the proposed project, in addition to the existing and planned future uses, including, but not limited to, agricultural and industrial uses, unless one or more of the following changes occurs:

(1) Changes in the project that result in a substantial increase in water demand for the project.

(2) Changes in the circumstances or conditions substantially affecting the ability of the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), to provide a sufficient supply of water for the project.

(3) Significant new information becomes available that was not known and could not have been known at the time when the assessment was prepared.

(i) For the purposes of this section, hauled water is not considered as a source of water.
(Amended by Stats. 2018, Ch. 15, Sec. 19. (AB 1668) Effective January 1, 2019.)

10911.

(a) If, as a result of its assessment, the public water system concludes that its water supplies are, or will be, insufficient, the public water system shall provide to the city or county its plans for acquiring additional water supplies, setting forth the measures that are being undertaken to acquire and develop those water supplies. If the city or county, if either is required to comply with this part pursuant to subdivision (b), concludes as a result of its assessment, that water supplies are, or will be, insufficient, the city or county shall include in its water supply assessment its plans for acquiring additional water supplies, setting forth the measures that are being undertaken to acquire and develop those water supplies. Those plans may include, but are not limited to, information concerning all of the following:

(1) The estimated total costs, and the proposed method of financing the costs, associated with acquiring the additional water supplies.

(2) All federal, state, and local permits, approvals, or entitlements that are anticipated to be required in order to acquire and develop the additional water supplies.

(3) Based on the considerations set forth in paragraphs (1) and (2), the estimated timeframes within which the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), expects to be able to acquire additional water supplies.

(b) The city or county shall include the water supply assessment provided pursuant to Section 10910, and any information provided pursuant to subdivision (a), in any environmental document prepared for the project pursuant to Division 13 (commencing with Section 21000) of the Public Resources Code.

(c) The city or county may include in any environmental document an evaluation of any information included in that environmental document provided pursuant to subdivision (b). The city or county shall determine, based on the entire record, whether projected water supplies will be sufficient to satisfy the demands of the project, in addition to existing and planned future uses. If the city or county determines that water supplies will not be sufficient, the city or county shall include that determination in its findings for the project.

(Amended by Stats. 2001, Ch. 643, Sec. 5. Effective January 1, 2002.)

10912.

For the purposes of this part, the following terms have the following meanings:

(a) "Project" means any of the following:

(1) A proposed residential development of more than 500 dwelling units.

(2) A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space.

(3) A proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space.

(4) A proposed hotel or motel, or both, having more than 500 rooms.

(5) A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area.

(6) A mixed-use project that includes one or more of the projects specified in this subdivision.

(7) A project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project.

(b) If a public water system has fewer than 5,000 service connections, then "project" means any proposed residential, business, commercial, hotel or motel, or industrial development that would account for an increase of 10 percent or more in the number of the public water system's existing service connections, or a mixed-use project that would demand an amount of water equivalent to, or greater than, the amount of water required by residential development that would represent an increase of 10 percent or more in the number of the public water system's existing service connections.

(c) "Public water system" means a system for the provision of piped water to the public for human consumption that has 3,000 or more service connections. A public water system includes all of the following:

(1) Any collection, treatment, storage, and distribution facility under control of the operator of the system that is used primarily in connection with the system.

(2) Any collection or pretreatment storage facility not under the control of the operator that is used primarily in connection with the system.

(3) Any person who treats water on behalf of one or more public water systems for the purpose of rendering it safe for human consumption.

(d) This section shall become operative on January 1, 2018.

(Amended (as added by Stats. 2011, Ch. 588, Sec. 2) by Stats. 2016, Ch. 669, Sec. 2. (AB 2561) Effective September 26, 2016. Section operative January 1, 2018, by its own provisions.)

10914.

(a) Nothing in this part is intended to create a right or entitlement to water service or any specific level of water service.

(b) Nothing in this part is intended to either impose, expand, or limit any duty concerning the obligation of a public water system to provide certain service to its existing customers or to any future potential customers.

(c) Nothing in this part is intended to modify or otherwise change existing law with respect to projects which are not subject to this part.

(d) This part applies only to a project for which a notice of preparation is submitted on or after January 1, 1996.

(Added by Stats. 1995, Ch. 881, Sec. 4. Effective January 1, 1996.)

10915.

The County of San Diego is deemed to comply with this part if the Office of Planning and Research determines that all of the following conditions have been met:

(a) Proposition C, as approved by the voters of the County of San Diego in November 1988, requires the development of a regional growth management plan and directs the establishment of a regional planning and growth management review board.

(b) The County of San Diego and the cities in the county, by agreement, designate the San Diego Association of Governments as that review board.

(c) A regional growth management strategy that provides for a comprehensive regional strategy and a coordinated economic development and growth management program has been developed pursuant to Proposition C.

(d) The regional growth management strategy includes a water element to coordinate planning for water that is consistent with the requirements of this part.

(e) The San Diego County Water Authority, by agreement with the San Diego Association of Governments in its capacity as the review board, uses the association's most recent regional growth forecasts for planning purposes and to implement the water element of the strategy.

(f) The procedures established by the review board for the development and approval of the regional growth management strategy, including the water element and any certification process established to ensure that a project is consistent with that element, comply with the requirements of this part.

(g) The environmental documents for a project located in the County of San Diego include information that accomplishes the same purposes as a water supply assessment that is prepared pursuant to Section 10910.

(Amended by Stats. 2001, Ch. 643, Sec. 8. Effective January 1, 2002.)

From: [Peter Martin](#)
To: [Peter Martin;](#)
Subject: FW: WSA for Saddle Creek: 2019-006 TSTM for CV Saddle Creek Holdings LLC
Date: Wednesday, May 22, 2019 9:18:35 PM
Attachments: [image002.png](#)

From: Peter Maurer [mailto:PMaurer@co.calaveras.ca.us]
Sent: Friday, May 10, 2019 3:54 PM
To: 'Cameron, David'; Debra Lewis
Cc: Peter Martin
Subject: RE: WSA for Saddle Creek: 2019-006 TSTM for CV Saddle Creek Holdings LLC

David,

Debra has left for the day but wanted to respond quickly so we can keep this moving. Yes, request from the County is for a verification of sufficient water supply for the project, as required by CGC 66473.7, not an assessment. I tend to refer to the actual code section rather than the bill that made it law. I apologize for any confusion and appreciate Peter's treating this on the same timeline.

Peter Maurer
Planning Director
Calaveras County



Agenda Item

DATE: May 29, 2019

TO: Michael Minkler, General Manager

FROM: Jeffrey Meyer, Director of Administrative Services

SUBJECT: Discussion/Action regarding the DRAFT Preliminary FY 2019-20 Operating and Capital Improvement Program Budgets

RECOMMENDED ACTION:

Discussion / Action regarding the Draft Preliminary FY 2019-20 Operating and Capital Improvement Program Budgets.

SUMMARY:

As per Financial Management Policy Section 5.00.2, Budget Policies, the District must strive to maintain financial stability. Financial stability is not only a prudent financial management goal, it can also minimize long-term financial costs (e.g. unnecessary borrowing and large unplanned expenditures). Above all, maintaining financial stability provides the rate payers with the confidence of knowing that there is strong, consistent management of the agency and its fiscal resources.

The “Draft” FY 2018-19 Preliminary Operating and Capital Improvement (CIP) Budgets were reviewed and discussed by the Finance Committee on May 21, 2019. Numerous challenges were identified, including the need to reduce the operating budget in the first three years of the five-year rate plan as a result of the five-year “level” rate plan, as well as the ability to accurately predict customer water use and related water consumptive revenues under the new tiered water rate structure. After receiving comments and direction, staff will present the Draft Preliminary Operating and Capital Improvement Program (CIP) budgets to the Board at the May 29th board meeting.

The basis for the FY 2019-20 Capital Improvement Program (CIP) budget is the annual Five-Year CIP update, which was approved by the Board on April 24, 2019 by Resolution 2019-25. The operating budget is a result of months of review and analysis by departments, finance, and the General Manager. Finance completed revenue projections under the recently adopted rate plan, a review of historical expenditure trends, evaluations of departmental requests for support of daily operations, and assessed requests for capital outlay equipment and projects.

The Draft Preliminary FY 2019-20 Operating Budget is \$20,798,937, and the Preliminary Capital Improvement Program budget is \$11,489,953. The following are the highlights and key components of the preliminary operating budget.

Revenues:

Total operating and non-operating revenues are projected to increase by \$1,338,189, or 8.6%, compared to FY 2018-19. The largest increases include rate revenues (water and sewer), property tax revenues, investment income and other non-op revenues. Based on the recently approved five-year rate plan, water and wastewater rate revenues will increase on average 2.3% in FY 2019-20. Staff reviewed historical water consumption to project water consumptive revenues under the new rate structure. Predicting customer use is still a challenge, and although we are looking for a rebound in water use, recent state action to permanently restrict water use may negatively impact customer water use.

Property tax revenues continued to rebound in FY 2018-19 and are estimated to total \$2.7 million by year-end, or 2.9% over budget. The County estimates that property tax revenues in FY 2019-20 will be 5.4% higher than the FY 2018-19 budget. In terms of investment income, higher interest rates have increased the District's investment income, and the FY 2019-20 budget for investment income is projected to be approximately \$113,000 higher than in FY 18-19.

The largest revenue increase is in "other non-op revenues." The \$748,871 increase is a result of our auditor's recommendation that the District change its accounting of FERC and other regulatory fees paid for the North Fork and New Hogan power generation projects. As the holder of the FERC licenses the District is responsible for payment of these fees, for which are reimbursed by the power operators (NCPA and MID). Past practice was to net the reimbursements against the expenses, which resulted in no budget entry. In addition to budgeting the reimbursement revenues the District will add an expenditure line for the fees in the Water Resources department budget.

Transfers:

Transfers from the Capital R&R Funds will fund the 2014 Water and Sewer Capital R&R Loans, and revenues from the Water Capital R&R Fund will fund debt service on the 2016 Reach 3A Bond. Additional transfers from the Interest Reserve Fund (Fund 108), including the Special Projects Fund, the Water Rights Reserve, and unallocated interest, will support the District's capital equipment purchases, fund one-time legal costs, provide \$45,000 for permit extension expenditures in the Water Resources department, and pay for the interest payments on the administrative building loan.

Additionally, transfers from the Water and Wastewater Capital R&R funds and selected expansion funds to the Operating Fund will reimburse the Operating Fund for personnel costs associated with work on Capital R&R and CIP projects, including engineering, construction and inspection.

Expenditures:

Personnel Services includes salary and benefit costs. The FY 2019-20 Personnel Services budget is \$10,259,235, \$178,929 more than FY 2018-19. The increase can be attributed to two (2) new positions in Utilities and higher salary and retiree health costs. Salary increases are due to scheduled cost of living and step increases. The District recently refinanced a portion of its PERS unfunded accrued liability (UAL), which reduced

PERS benefit costs by approximately \$322,600. However, the refinancing did increase the debt service budget. Prefunding retiree health for current employees (recorded as a benefit) decreased slightly to \$846,133 (-.54%), as a result of the required bi-annual valuation. Health insurance costs are projected to increase by approximately \$17,000.

The District's personnel allocation will increase from 66.0 Full Time Equivalent (FTE) positions to 68.0 FTE with the addition of the following positions in the Utilities department:

- 1.0 FTE Operator
- 1.0 FTE Purchasing Agent

Services and Supplies includes supplies and other materials used in the operation of the District, as well as services provided by outside consulting firms and individuals. The total Services and Supplies budget for FY 2019-20 is \$7,076,406, a \$1,313,874 increase from FY 2018-19. Several items worth noting are:

- Electricity costs will decrease \$69,704 due to CPPA's rate reduction
- The budget for Materials and Supplies increased by \$65,100
- Service Maintenance Contracts will increase by \$155,900 as a result of anticipated changes in the county's road paving and compaction requirements
- Increased Outside Legal Fees by \$147,500 for Water Resources' water permit extension efforts, anticipated litigation, and upcoming labor negotiations
- The \$100,925 increase in Professional Services is due in part to \$80,000 for capacity fee studies in the Engineering department (funded by a transfer from expansion funds), and regulatory studies in the Utilities department.
- The budget includes \$210,017 for a vehicle lease and maintenance program, as well as a corresponding \$80,000 decrease in vehicle maintenance expenses.
- Increased the budget for Retired Employee Costs by \$44,800 to reflect higher medical insurance costs and more retirees enrolled in the program
- The budget for the customer Rate Assistance Program is now funded at \$60,000
- Increased the State/County/Federal Fees budget by \$753,000 to reflect a change in accounting practices (the District now budgets in full both the expenditures and the reimbursements from the respective power agencies)
- The budget for Mandated Plans was reduced by \$55,000 due in part to the completion of the La Contenta Inundation Mapping and EAP study

Capital Outlay appropriations are typically for the acquisition of vehicles, machinery, and equipment with a unit cost of \$5,000 or more and an estimated useful life of more than one year. The preliminary FY 2019-20 Capital Outlay budget is \$501,300, a decrease of \$63,700 from the prior year. The purchase of the Utilities Department's Computerized Maintenance Management System (CMMS) software (\$150,000), four (4) trailer mounted generators (\$100,000), and a PRV Vault replacement project are funded by a one-time transfer from the Special Projects Fund in Fund 108. The proposed capital outlay purchases and projects are:

- Treatment plant facility improvements of \$81,200
- \$100,900 for equipment and an off-road vehicle
- The purchase of CMMS software for \$150,000
- \$100,000 for four (4) trailer mounted emergency generators

- PRV vault replacement for Copper Cove Sawmill - \$63,200
- \$6,000 for the replacement of a color LaserJet printer – Operations Headquarters

Debt Service – The PERS Side Fund loan matured in April 2019, which represents a savings of approximately \$260,000 from FY 2018-19. Overall, the FY 2019-20 debt service budget is \$225,013 greater than FY 2018-19. Included in the increase is the recent refinancing of a portion of the District 's PERS UAL, which added \$458,482 in annual debt service. Staff also proposes a loan for the purchase of a new Vac-Con truck. It is estimated that loan payments will be \$10,500 per month, and the budget includes \$31,500 for three (3) months of loan payments (estimated delivery of March 2020).

The District's debt is funded in part by transfers from Capital R&R funds and the Interest Reserve Fund, and includes the following debt instruments:

- Umpqua Water and Sewer Capital R&R Loans
- USDA Reach 3a Water Project Bond
- PERS UAL Loan
- Vac-Con Loan
- New Hogan Loan
- Administration Building Loan
- Sewer Fund Loan

CAPITAL IMPROVEMENT PROGRAM (CIP) BUDGET

The preliminary Capital Improvement Program (CIP) budget includes carryover projects approved in prior budgets and seventeen new projects for FY 2019-20. District policy requires a review of all capital projects and their funding requirements during the budget process, including current year funding needs for projects approved in prior budgets.

The proposed FY 2019-20 CIP budget is \$11,489,953, which includes \$9,879,953 for water projects and \$1,610,000 for wastewater projects. Funding for the projects includes Expansion Funds (\$172,500), Capital R&R (\$10,358,053), Grants (\$809,400), and Assessment District Funds (\$150,000). The proposed FY 2019-20 projects are:

Water:

- Jenny Lind Clearwell #2 / Repair & Paint
- Larkspur Tank / Repair & Paint
- Wallace Tanks / Repair & Paint
- Ebbetts Pass Techite Water Line Replacement
- Ebbetts Pass Reach 1 Water Line Replacement
- Jenny Lind Tank A-B Transmission Line
- Jenny Lind WTP Pre-Treatment Facility
- Ebbetts Pass Redwood Tanks HMGP
- AMR/AMI Radio Read Meter Program
- EP Meadowmont Pump Station / Rehab.
- White Pines Lake Restoration
- Wallace SCADA System Improvements
- West Point Backup Water Filter

- EP Hunters WTP Filter Rehab
- West Point SCADA Improvements
- Jenny Lind (Kirby/Garner/Gabor) Service Lines

Wastewater:

- CC Lift Station 6, 8 & Force Main Bypass
- CC Lift Station 15 & 18 Rehab/Replacement
- Vallecito Recycled Water Distribution Project
- Wallace Renovation/SCADA/PLC & Electrical
- Arnold Secondary Clarifier
- Arnold Leach Field Improvements
- LC Biolac, Clarifier & UV Improvements
- CC Secondary, Tertiary & UV Improvements
- Huckleberry Lift Station Rehab
- Indian Rock East Sand Filter Rehab
- Southworth Collection System / I&I Mitigation
- Vallecito/Douglas Flats Headworks Screen

FINANCIAL CONSIDERATIONS:

The FY 2019-20 Draft Preliminary Operating Budget as presented has an overall shortfall of \$187,490. Furthermore, the water budget has a \$256,883 shortfall. Both budget shortfalls will need to be eliminated, while at the same time maintaining a surplus in the sewer budget. To balance the FY 2019-20 Operating Budget the District must reduce expenditures or increase transfers in the water budget by approximately \$260,000. This should in turn balance the overall budget. Staff will present budget reduction recommendations to the Board at the May 29, 2019 board meeting.

Attachments: FY 2019-20 Preliminary Operating and CIP Budgets

Calaveras County Water District
Operating Budget: FY 2017-18 through FY 2019-20

	Actual FY 2017-18	Adopted Budget FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19	Water Budget FY 2019-20	Sewer Budget FY 2019-20
Revenues							
Operating Revenues	12,265,835	12,795,576	13,078,450	282,874	2.3%	8,281,636	4,796,814
Non Operating Revenues	3,369,236	3,673,787	4,729,102	1,055,315	31.3%	3,620,468	1,108,634
Total Revenues	15,635,071	16,469,363	17,807,552	1,338,189	8.6%	11,902,104	5,905,448
Expenditures							
Salaries and Benefits	10,706,896	10,080,306	10,259,235	178,929	1.7%	6,890,792	3,368,443
Services and Supplies	5,778,231	5,762,532	7,076,406	1,313,874	22.7%	4,814,548	2,261,858
Total - Operations	16,485,127	15,842,838	17,335,641	1,492,803	9.1%	11,705,340	5,630,301
Capital Outlay	637,317	565,000	501,300	(63,700)	-10.0%	323,596	177,704
Debt Service	2,210,477	2,736,984	2,961,996	225,013	10.2%	2,160,289	801,707
Total Operating Budget	19,332,921	19,144,822	20,798,937	1,654,116	8.6%	14,189,225	6,609,712
Revenue Surplus/(Shortfall)	(3,697,850)	(2,675,459)	(2,991,385)	(315,927)	8.5%	(2,287,121)	(704,264)
Transfers In	2,918,633	2,678,916	2,803,895	(239,717)	-8.2%	2,030,238	773,657
Adjusted Surplus/(Shortfall)	(779,217)	3,457	(187,490)	(555,644)	71.3%	(256,883)	69,393
By Department							
Board of Directors	124,559	165,089	168,307	3,218	2.6%	122,864	45,443
General Management	1,136,432	1,012,459	1,116,697	104,238	9.2%	815,189	301,508
Administrative Services	1,777,327	1,562,455	1,793,530	231,075	13.0%	1,309,277	484,253
Engineering/Tech Services	816,253	1,132,913	1,411,362	278,449	34.1%	1,030,294	381,068
Utility Services	11,834,669	10,677,428	10,854,275	176,847	1.5%	6,936,101	3,918,174
Water Resources	793,052	705,412	1,584,972	879,560	110.9%	1,157,030	427,942
Non Departmental	2,850,629	3,889,066	3,869,794	(19,271)	-0.7%	2,822,982	1,046,813
Total by Department	19,332,921	19,144,822	20,798,937	1,654,116	8.6%	14,193,736	6,605,201

Calaveras County Water District
Operating Revenues: FY 2017-18 thru FY 2019-20

Revenues	Actual FY 17-18	Budget FY 18-19	As of 30-Apr-19	Projected Year-End FY 18-19	Proposed Budget FY 19-20	Variance to Budget FY 18-19	% Change to Budget FY 18-19
Operating Revenue							
Rate Revenue							
Water	7,414,772	7,813,288	6,340,228	7,574,324	7,876,756	63,468	0.8%
Wastewater	4,263,774	4,496,488	3,718,603	4,492,324	4,716,894	220,406	4.9%
Subtotal - Rate Revenue	11,678,546	12,309,776	10,058,831	12,066,648	12,593,650	283,874	2.3%
Other Operating Revenue							
Fees:							
Account Establishment Fees	49,373	50,000	40,601	48,721	50,000	-	0.0%
Delinquent Account Fees	215,100	210,000	178,287	213,944	210,000	-	0.0%
Repairs/Reimbursements	19,991	1,500	24,841	29,809	10,000	8,500	566.7%
Install Water Meter	15,910	16,000	13,315	15,978	15,000	(1,000)	-6.3%
Other Installation Charges	-	-	-	-	-	-	#DIV/0!
Inspection Fees	2,173	2,000	2,507	3,008	3,000	1,000	50.0%
Plan Check Fee	6,280	6,500	2,250	2,700	3,000	(3,500)	-53.8%
Backflow Certification	3,800	3,800	2,700	3,240	3,800	-	0.0%
Wholesale/Irrigation/Hydrant Sales/Lancha Plana	196,450	181,000	142,368	170,842	170,000	(11,000)	-6.1%
Developer Reimbursements	15,464	15,000	16,717	20,060	20,000	5,000	33.3%
Other	-	-	(195)	(195)	-	-	#DIV/0!
Subtotal - Other Operating Revenue	524,541	485,800	423,391	508,108	484,800	(1,000)	-0.2%
Total - Operating Revenue	12,203,087	12,795,576	10,482,222	12,574,756	13,078,450	282,874	2.2%
Non-Operating Revenue						308,065	
Stand-by Fees	130,894	132,500	71,430	129,873	130,000	(2,500)	-1.9%
Property Taxes (net of transfer to reserves)	2,788,250	2,613,751	1,479,269	2,689,580	2,755,231	141,480	5.4%
Investment Income (allocated to operating)	56,183	86,536	158,054	189,665	200,000	113,464	131.1%
Other:							
Power Sales, North Fork	554,013	565,000	480,538	576,646	594,000	29,000	5.1%
Power Sales, New Hogan	202,348	175,000	135,666	162,799	165,000	(10,000)	-5.7%
Grants/OES Reimbursements	-	-	6,627	6,627	-	-	0.0%
Copies	19	-	-	-	-	-	#DIV/0!
Misc. Operating Revenue	44,151	15,000	126,042	133,084	45,000	30,000	200.0%
Other Non-Op Revenue	-	-	739,532	741,790	748,871	748,871	#DIV/0!
Other District Reimbursements	9,503	10,000	20,496	24,596	10,000	-	0.0%
Rental Income per schedule	70,277	76,000	67,744	81,293	81,000	5,000	6.6%
Subtotal - Other Revenue, Non-Operating	880,311	841,000	1,576,645	1,726,834	1,643,871	802,871	95.5%
Total - Non-Operating Revenue	3,855,638	3,673,787	3,285,398	4,735,952	4,729,102	1,055,315	28.7%
Total Revenue - Operations	16,058,725	16,469,363	13,767,620	17,310,708	17,807,552	1,338,189	8.1%
Transfers In							
Transfer In for BBVA Debt Service - Expansion Funds	1,080,647	-	-	-	-	-	#DIV/0!
Transfer In for BBVA Debt Service - Fund 108	(85,375)	-	-	-	-	-	#DIV/0!
Transfer In for Capital R&R Debt Service - Fund 125	409,033	1,180,407	-	1,180,407	1,180,406	(1)	0.0%
Transfer In for Capital R&R Debt Service - Fund 135	-	397,010	-	397,010	397,011	1	0.0%
Transfer In for USDA Reach 3a Bond - Fund 125	15,896	101,243	-	101,243	101,249	6	100.0%
Transfer In for OP HQ Interest Payment - Fund 108	75,000	75,000	-	75,000	60,731	(14,269)	-19.0%
Transfer In for One-Time Legal Costs - Fund 108	-	-	-	-	75,000	75,000	100.0%
Transfer In for Wallace Loan Payoff - Fund 108	81,417	-	-	-	-	-	#DIV/0!
Transfer In for New Hogan O&M Costs	105,000	-	-	-	-	-	#DIV/0!
Transfer In for Water Rights Expenses - Fund 108	220,000	-	-	-	45,000	45,000	#DIV/0!
Transfer In for Capital Equipment/Projects - Fund 108	485,377	370,000	-	-	250,000	(120,000)	-32.4%
Transfer In for Capital R&R Projects - Fund 125	547,785	325,228	-	-	384,619	59,391	18.3%
Transfer In for Capital R&R Projects - Fund 135	-	139,384	-	-	201,479	62,095	44.5%
Transfer In for CIP Projects - Fund 120	-	63,451	-	-	59,880	(3,571)	-5.6%
Transfer In for CIP Projects - Fund 130	114,503	27,193	-	-	48,520	21,327	78.4%
Total - Transfers In	3,049,283	2,678,916	-	1,753,660	2,803,895	124,979	4.7%
Total Revenue & Transfers In - Operations	19,108,008	19,148,279	13,767,620	19,064,368	20,611,447	1,463,168	7.6%

Calaveras County Water District Operating Budget Summary: FY 2019-20

District	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	5,590,117	5,809,978	4,710,463	5,704,373	6,145,929	335,951	5.8%
Overtime	283,260	235,078	226,957	272,415	231,513	(3,565)	-1.5%
Benefits	4,813,981	4,007,250	3,252,008	3,933,241	3,852,593	(154,657)	-3.9%
Medical/Dental Reimbursement	19,538	28,000	16,133	27,822	29,200	1,200	4.3%
Total Salaries and Benefits	10,706,896	10,080,306	8,205,561	9,937,850	10,259,235	178,929	1.8%
Services and Supplies							
Utilities	1,121,402	1,018,920	760,737	912,885	949,216	(69,704)	-6.8%
Materials & Supplies	1,056,884	699,300	611,007	727,776	764,400	65,100	9.3%
Tools	41,187	25,500	39,652	47,583	25,500	-	0.0%
Safety Materials & Supplies	49,487	43,230	26,246	31,495	44,800	1,570	3.6%
Administrative Technology	30,922	34,000	28,583	36,659	34,000	-	0.0%
Chemicals	334,814	350,000	222,975	267,570	340,000	(10,000)	-2.9%
Outside Services/Repairs	168,666	164,550	104,115	125,534	162,150	(2,400)	-1.5%
Service Maintenance Contracts	288,623	379,100	176,778	213,298	535,000	155,900	41.1%
Drug & Alcohol Testing	1,400	1,500	1,820	2,184	1,700	200	13.3%
Building Repairs	3,977	5,000	39	47	5,000	-	0.0%
Recruiting	5,873	5,000	22,789	27,346	18,000	13,000	260.0%
Claims/Damages	1,249	5,000	125	150	5,000	-	0.0%
Computer Licenses and Maint Agreements	22,505	22,260	10,474	12,569	23,000	740	3.3%
Janitorial Services	23,220	23,220	19,350	23,220	23,220	-	0.0%
Laboratory Services	163,074	200,000	108,412	130,094	165,000	(35,000)	-17.5%
Outside Legal Fees	317,624	242,500	236,725	303,907	390,000	147,500	60.8%
Accounting/Auditing	48,420	40,000	39,850	40,510	41,600	1,600	4.0%
Advertising/Publicity	2,139	1,500	-	-	2,000	500	33.3%
Elections	-	11,500	4,587	8,124	-	(11,500)	-100.0%
Professional Services	519,798	322,000	238,224	290,617	422,925	100,925	31.3%
Vehicle Expense	345,472	360,000	298,606	358,327	305,000	(55,000)	-15.3%
Rental Exp/Vehicle and Equip.	53,894	30,000	80,086	96,103	30,000	-	0.0%
Vehicle Lease & Maintenance	-	-	-	-	210,017	210,017	210017.0%
Forms and Supplies	1,372	2,900	242	1,770	2,950	50	1.7%
Permits & Licenses	11,098	11,000	10,491	12,589	15,000	4,000	36.4%
Postage	14,234	18,100	11,570	15,100	17,300	(800)	-4.4%
Publications and Subscriptions	477	1,250	375	450	1,350	100	8.0%
Dues and Memberships	91,754	101,140	120,464	121,718	110,238	9,098	9.0%
Recording Title Reports	-	-	165	197	-	-	0.0%
Printing	-	-	-	-	1,000	1,000	1000.0%
Training, Conferences and Travel	64,313	94,500	54,194	85,688	99,200	4,700	5.0%
Other Travel Costs	9,240	10,500	8,680	10,120	11,000	500	4.8%
Hogan Payment-Purchased Power	293,262	293,262	-	293,262	293,262	-	0.0%
Purchased Water	1,326	5,000	2,349	2,819	5,000	-	0.0%
Retired Employee Costs	109,764	554,200	472,394	566,873	599,000	44,800	8.1%
Bad Debt Expense	44,306	48,000	39,109	51,325	52,000	4,000	8.3%
Rate Assistance Program	-	-	15,488	26,680	60,000	60,000	60000.0%
Unemployment Claims	-	2,000	-	-	2,000	-	0.0%
Insurance	118,096	184,000	117,297	172,927	188,578	4,578	2.5%
Fed, State & County Water/Sewer Fees	274,292	259,100	186,143	248,191	230,000	(29,100)	-11.2%
Federal Dam & Admin Fees	-	2,000	3,282	395,737	-	(2,000)	-100.0%
State/County/Federal Fees	30,110	32,000	618,973	618,973	785,000	753,000	2353.1%
Mandated Plans	30,783	75,000	5,091	6,109	20,000	(55,000)	-73.3%
Strategic Plans/Updates	-	-	-	-	-	-	0.0%
Water Efficiency	2,023	6,000	1,743	1,742	6,000	-	0.0%
Third Party Payment Processing	71,175	71,000	52,548	70,064	72,500	1,500	2.1%
Misc. Operating/Maint. Expense	-	-	-	-	-	-	0.0%

Calaveras County Water District Operating Budget Summary: FY 2019-20

District	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Equipment Purchased	-	-	-	-	-	-	0.0%
Agent Fees	7,500	7,500	7,500	7,500	7,500	-	0.0%
Misc. Non-Operating Costs	2,476	-	548	658	-	-	0.0%
Total Services and Supplies	5,778,231	5,762,532	4,759,826	6,366,488	7,076,406	1,313,874	22.8%
Grand Total - Operations	16,485,127	15,842,838	12,965,387	16,304,339	17,335,641	1,492,803	9.4%
Capital Outlay							
Vehicles / Equipment	600,909	535,000	160,100	574,778	166,100	(368,900)	-69.0%
Projects	36,408	30,000	7,700	90,000	335,200	305,200	1017.3%
Total Capital Outlay	637,317	565,000	167,800	664,778	501,300	(63,700)	-11.3%
Total Operations & Capital Outlay	17,122,444	16,407,838	13,133,187	16,969,117	17,836,941	1,429,103	8.7%
Debt Service							
Interest - PERS Side Fund	12,375	3,485	2,880	2,880	-	(3,485)	-100.0%
Principal - PERS Side Fund	300,233	257,021	256,916	256,916	-	(257,021)	-100.0%
Interest - Umpqua UAL Loan	-	-	-	-	188,482	188,482	188482.0%
Principal - Umpqua UAL Fund	-	-	-	-	268,000	268,000	268000.0%
Interest - BBVA Compass Bond Refinance	3,610	-	-	-	-	-	0.0%
Principal - BBVA Compass Bond Refinance	461,846	-	-	-	-	-	0.0%
Interest - Umpqua Capital R&R Loan	114,126	90,098	89,966	89,966	58,083	(32,015)	-35.5%
Principal - Umpqua Capital R&R Loan	997,758	1,487,319	1,487,319	1,487,319	1,519,334	32,015	2.2%
Interest - USDA Reach 3a Bond	57,819	57,543	57,543	57,819	56,548	(995)	-1.7%
Principal - USDA Reach 3a Bond	42,700	43,700	43,700	43,700	44,700	1,000	2.3%
Interest - Vac-Con Loan	1,210	-	-	-	24,064	24,064	24064.0%
Principal - Vac-Con Loan	68,939	-	-	-	7,453	7,453	7453.0%
Interest - New Hogan	19,619	17,113	-	24,981	14,627	(2,486)	-14.5%
Principal - New Hogan	55,242	55,242	-	54,680	55,242	-	0.0%
Interest - Admin Building Loan	75,000	75,000	-	75,000	60,731	(14,269)	-19.0%
Principal - Admin Building Loan	-	570,741	-	570,741	585,010	14,269	2.5%
Interest - Sewer Fund Loan	-	14,322	-	14,322	13,014	(1,308)	-9.1%
Principal - Sewer Fund Loan	-	65,400	-	65,400	66,708	1,308	2.0%
Total Debt Service	2,210,477	2,736,984	1,938,324	2,743,724	2,961,996	225,013	8.2%
Total Operations & Debt Service	19,332,921	19,144,822	15,071,511	19,712,840	20,798,937	1,654,116	8.6%
Funded Positions (FTE) ->	65.00	64.00		66.00	67.00	3.00	4.7%

Calaveras County Water District
Board of Directors Operating Budget: FY 2019-20

Board of Directors	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	26,640	43,200	24,360	32,480	43,200	-	0.0%
Overtime	-	-	-	-	-	-	0.0%
Benefits	76,064	86,139	64,861	86,481	94,157	8,018	9.3%
Medical/Dental Reimbursement	579	2,000	1,518	1,822	2,000	-	0.0%
Total Salaries and Benefits	103,283	131,339	90,739	120,783	139,357	8,018	6.1%
Services and Supplies							
Utilities	-	-	-	-	-	-	0.0%
Materials & Supplies	407	750	591	710	750	-	0.0%
Elections	-	11,500	4,587	8,124	-	(11,500)	-100.0%
Professional Services	-	-	-	-	-	-	0.0%
Printing	-	-	-	-	-	-	0.0%
Training, Conferences and Travel	13,815	15,000	4,688	18,846	20,000	5,000	33.3%
Other Travel Costs	7,054	6,500	6,749	7,872	8,200	1,700	26.2%
Misc. Non-Operating Costs	-	-	-	-	-	-	0.0%
Total Services and Supplies	21,276	33,750	16,615	35,552	28,950	(4,800)	-14.2%
Grand Total - Operations	124,559	165,089	107,354	156,335	168,307	3,218	1.9%

Calaveras County Water District
General Management Operating Budget: FY 2019-20

General Management	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	468,191	425,395	364,274	485,699	432,629	7,234	1.7%
Overtime	364	740	497	663	720	(20)	-2.7%
Benefits	343,775	241,199	166,375	221,833	219,953	(21,246)	-8.8%
Medical/Dental Reimbursement	1,093	1,600	1,200	1,600	1,600	-	0.0%
Total Salaries and Benefits	813,423	668,934	532,346	709,795	654,902	(14,032)	-2.1%
Services and Supplies							
Utilities	-	-	-	-	-	-	0.0%
Materials & Supplies	2,946	3,000	1,565	1,877	2,800	(200)	-6.7%
Safety Materials & Supplies	-	-	-	-	4,000	4,000	4000.0%
Drug & Alcohol Testing	1,400	1,500	1,820	2,184	1,700	200	13.3%
Building Repairs	-	-	-	-	-	-	0.0%
Recruiting	5,873	5,000	22,789	27,346	18,000	13,000	260.0%
Outside Legal Fees	163,682	127,500	148,773	198,364	235,000	107,500	84.3%
Advertising/Publicity	1,844	1,500	-	-	1,500	-	0.0%
Professional Services	85,361	125,800	75,845	91,015	125,800	-	0.0%
Forms and Supplies	-	450	137	165	500	50	11.1%
Publications and Subscriptions	32	-	65	78	150	150	150.0%
Dues and Memberships	47,026	48,275	59,823	59,823	46,895	(1,380)	-2.9%
Training, Conferences and Travel	13,835	27,500	14,612	21,535	22,700	(4,800)	-17.5%
Other Travel Costs	335	1,000	513	616	750	(250)	-25.0%
Unemployment Claims	-	2,000	-	-	2,000	-	0.0%
Misc. Non-Operating Costs	675	-	-	-	-	-	0.0%
Total Services and Supplies	323,009	343,525	325,942	403,003	461,795	118,270	34.4%
Grand Total - Operations	1,136,432	1,012,459	858,289	1,112,798	1,116,697	104,238	10.3%
Capital Outlay							
Vehicles / Equipment	-	-	-	-	-	-	0.0%
Projects/Software	-	-	-	-	-	-	0.0%
Total Capital Outlay	-	-	-	-	-	-	0.0%
Total Operations & Capital Outlay	1,136,432	1,012,459	858,289	1,112,798	1,116,697	104,238	10.3%
Funded Positions (FTE) ->	4.00	4.00		4.00	4.00	-	0.0%

Calaveras County Water District
Administrative Services Operating Budget: FY 2019-20

Administrative Services	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	683,927	692,729	599,372	719,247	830,364	137,635	19.9%
Overtime	5,750	3,676	2,447	2,937	3,900	224	6.1%
Benefits	590,140	473,615	403,547	484,256	475,966	2,351	0.5%
Medical/Dental Reimbursement	4,448	3,200	2,105	3,200	3,600	400	12.5%
Total Salaries and Benefits	1,284,265	1,173,220	1,007,472	1,209,640	1,313,830	140,610	12.0%
Services and Supplies							
Materials & Supplies	37	250	-	-	1,250	1,000	400.0%
Administrative Technology	30,922	34,000	25,379	33,455	34,000	-	0.0%
Chemicals	-	-	-	-	-	-	0.0%
Outside Services/Repairs	5,614	5,750	4,587	6,100	6,450	700	12.2%
Service Maintenance Contracts	33,891	40,500	38,372	47,210	49,500	9,000	22.2%
Computer Licenses and Maint Agreements	22,505	22,260	10,474	12,569	23,000	740	3.3%
Outside Legal Fees	-	-	-	-	-	-	0.0%
Accounting/Auditing	48,420	40,000	39,850	40,510	41,600	1,600	4.0%
Professional Services	157,746	83,200	63,027	80,500	88,125	4,925	5.9%
Forms and Supplies	1,138	1,950	105	1,605	1,950	-	0.0%
Postage	14,234	18,100	11,570	15,100	17,300	(800)	-4.4%
Publications and Subscriptions	-	-	-	-	-	-	0.0%
Dues and Memberships	530	725	630	630	725	-	0.0%
Printing	-	-	-	-	1,000	1,000	1000.0%
Training, Conferences and Travel	2,146	5,000	1,413	1,800	10,000	5,000	100.0%
Other Travel Costs	983	1,000	266	250	800	(200)	-20.0%
Bad Debt Expense	44,306	48,000	39,109	51,325	52,000	4,000	8.3%
Rate Assistance Program	-	-	15,488	26,680	60,000	60,000	60000.0%
Strategic Plans/Updates.	-	-	-	-	-	-	0.0%
Water Efficiency	-	-	-	-	6,000	6,000	6000.0%
Third Party Payment Processing	71,175	71,000	52,548	70,064	72,500	1,500	2.1%
Agent Fees	7,500	7,500	7,500	7,500	7,500	-	0.0%
Misc. Non-Operating Costs	20	-	431	517	-	-	0.0%
Total Services and Supplies	441,412	379,235	310,748	395,815	473,700	94,465	24.9%
Grand Total - Operations	1,725,677	1,552,455	1,318,220	1,605,455	1,787,530	235,075	15.1%
Capital Outlay							
Vehicles / Equipment	51,650	10,000	-	-	6,000	(4,000)	-40.0%
Projects/Software	-	-	-	35,000	-	-	0.0%
Total Capital Outlay	51,650	10,000	-	35,000	6,000	(4,000)	-40.0%
Total Operations & Capital Outlay	1,777,327	1,562,455	1,318,220	1,640,455	1,793,530	231,075	14.8%
Funded Positions (FTE) ->	8.00	7.00		8.00	8.00	1.00	14.3%

Calaveras County Water District
Engineering/Technical Services Operating Budget: FY 2019-20

Engineering/Tech Services	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	474,796	683,793	586,937	704,324	834,592	150,799	22.1%
Overtime	-	18,392	6,761	8,114	9,290	(9,102)	-49.5%
Benefits	299,927	406,628	342,798	411,357	460,162	53,534	13.2%
Medical/Dental Reimbursement	400	2,800	1,600	2,800	3,200	400	14.3%
Total Salaries and Benefits	775,123	1,111,613	938,096	1,126,595	1,307,244	195,631	17.6%
Services and Supplies							
Utilities	-	-	-	-	-	-	0.0%
Materials & Supplies	-	-	603	723	3,500	3,500	3500.0%
Safety Materials & Supplies	-	-	-	-	800	800	800.0%
Administrative Technology	-	-	3,203	3,203	-	-	0.0%
Outside Services/Repairs	-	-	-	-	-	-	0.0%
Service Maintenance Contracts	17,459	9,800	8,639	10,367	10,500	700	7.1%
Outside Legal Fees	-	-	-	-	-	-	0.0%
Professional Services	19,537	5,000	465	558	80,000	75,000	1500.0%
Forms and Supplies	234	500	-	-	500	-	0.0%
Publications and Subscriptions	-	250	310	372	200	(50)	-20.0%
Dues and Memberships	230	250	188	226	618	368	147.2%
Recording Title Reports	-	-	165	197	-	-	0.0%
Printing	-	-	-	-	-	-	0.0%
Training, Conferences and Travel	3,627	5,000	2,250	2,700	7,500	2,500	50.0%
Other Travel Costs	43	500	15	18	500	-	0.0%
Misc. Non-Operating Costs	-	-	-	-	-	-	0.0%
Total Services and Supplies	41,130	21,300	15,837	18,364	104,118	82,818	388.8%
Grand Total - Operations	816,253	1,132,913	953,933	1,144,959	1,411,362	278,449	24.6%
Capital Outlay							
Vehicles / Equipment	-	-	-	-	-	-	0.0%
Projects	-	-	-	-	-	-	0.0%
Total Capital Outlay	-	-	-	-	-	-	0.0%
Total Operations & Capital Outlay	816,253	1,132,913	953,933	1,144,959	1,411,362	278,449	24.6%
Funded Positions (FTE) ->	5.00	7.00		8.00	8.00	1.00	14.3%

Calaveras County Water District
Utility Services Operating Budget: FY 2019-20

Utilities	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	3,729,732	3,748,141	2,952,862	3,543,434	3,880,521	132,380	3.5%
Overtime	277,146	212,270	217,251	260,702	217,603	5,333	2.5%
Benefits	3,378,599	2,684,667	2,173,614	2,608,336	2,532,918	(151,749)	-5.7%
Medical/Dental Reimbursement	12,618	17,600	9,376	17,600	18,400	800	4.5%
Total Salaries and Benefits	7,398,095	6,662,678	5,353,103	6,430,072	6,649,442	(13,236)	-0.2%
Services and Supplies							
Utilities	1,092,883	990,350	740,107	888,128	922,516	(67,834)	-6.8%
Materials & Supplies	1,001,502	638,100	546,367	655,640	715,600	77,500	12.1%
Tools	41,187	25,000	38,902	46,682	25,000	-	0.0%
Safety Materials & Supplies	46,913	40,000	25,849	31,019	40,000	-	0.0%
Chemicals	334,814	350,000	222,975	267,570	340,000	(10,000)	-2.9%
Outside Services/Repairs	153,525	148,700	84,798	101,758	142,700	(6,000)	-4.0%
Service Maintenance Contracts	231,440	323,000	124,611	149,533	468,200	145,200	45.0%
Building Repairs	-	-	-	-	-	-	0.0%
Laboratory Services	163,074	200,000	108,412	130,094	165,000	(35,000)	-17.5%
Professional Services	59,398	28,000	27,884	33,461	45,000	17,000	60.7%
Vehicle Expense	345,472	360,000	298,606	358,327	305,000	(55,000)	-15.3%
Rental Exp/Vehicle and Equip.	53,894	30,000	80,086	96,103	30,000	-	0.0%
Vehicle Lease & Maintenance	-	-	-	-	210,017	210,017	210017.0%
Permits & Licenses	11,098	11,000	10,491	12,589	15,000	4,000	36.4%
Publications and Subscriptions	445	1,000	-	-	1,000	-	0.0%
Dues and Memberships	12,658	14,500	6,081	7,297	14,500	-	0.0%
Training, Conferences and Travel	26,838	36,000	29,132	34,958	35,000	(1,000)	-2.8%
Other Travel Costs	148	-	689	827	-	-	0.0%
Purchased Water	1,326	5,000	2,349	2,819	5,000	-	0.0%
Fed, State & County Wtr/Swr Fees	274,292	259,100	186,143	248,191	230,000	(29,100)	-11.2%
Misc. Non-Operating Costs	-	-	-	-	-	-	0.0%
Total Services and Supplies	3,850,907	3,459,750	2,533,482	3,064,997	3,709,533	249,783	7.2%
Grand Total - Operations	11,249,002	10,122,428	7,886,585	9,495,070	10,358,975	236,547	2.3%
Capital Outlay							
Vehicles / Equipment	549,259	525,000	160,100	574,778	160,100	(364,900)	-69.5%
Projects	36,408	30,000	7,700	55,000	335,200	305,200	1017.3%
Total Capital Outlay	585,667	555,000	167,800	629,778	495,300	(59,700)	-10.8%
Total Operations & Capital Outlay	11,834,669	10,677,428	8,054,385	10,124,848	10,854,275	176,847	1.7%

Calaveras County Water District
Water Resources Operating Budget: FY 2019-20

Water Resources	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	206,831	216,720	182,657	219,188	124,623	(92,097)	-42.5%
Overtime	-	-	-	-	-	-	0.0%
Benefits	125,476	115,002	100,813	120,976	69,437	(45,565)	-39.6%
Medical/Dental Reimbursement	400	800	334	800	400	(400)	-50.0%
Total Salaries and Benefits	332,707	332,522	283,805	340,965	194,460	(138,062)	-41.5%
Services and Supplies							
Materials & Supplies	9,642	20,000	27,163	27,163	500	(19,500)	-97.5%
Outside Legal Fees	153,942	115,000	87,952	105,542	155,000	40,000	34.8%
Advertising/Publicity	50	-	-	-	500	500	500.0%
Professional Services	197,756	80,000	70,403	84,484	84,000	4,000	5.0%
Publications and Subscriptions	-	-	-	-	-	-	0.0%
Dues and Memberships	31,310	37,390	53,742	53,742	47,500	10,110	27.0%
Printing	-	-	-	-	-	-	0.0%
Training, Conferences and Travel	4,052	6,000	2,099	5,849	4,000	(2,000)	-33.3%
Other Travel Costs	677	1,500	448	538	750	(750)	-50.0%
Director Conf & Committee Expense	-	-	-	-	-	-	0.0%
Hogan Payment-Purchased Power	-	-	-	-	293,262	293,262	293262.0%
Federal Dam & Admin Fees	-	-	-	-	-	-	0.0%
State/County/Federal Fees	30,110	32,000	618,973	618,973	785,000	753,000	2353.1%
Mandated Plans	30,783	75,000	5,091	6,109	20,000	(55,000)	-73.3%
Strategic Plans/Updates.	-	-	-	-	-	-	0.0%
Water Efficiency	2,023	6,000	1,743	1,742	-	(6,000)	-100.0%
Misc. Non-Operating Costs	-	-	-	-	-	-	0.0%
Total Services and Supplies	460,345	372,890	867,614	904,142	1,390,512	1,017,622	272.9%
Grand Total - Operations	793,052	705,412	1,151,419	1,245,106	1,584,972	879,560	124.7%
Capital Outlay							
Vehicles / Equipment	-	-	-	-	-	-	0.0%
Projects	-	-	-	-	-	-	0.0%
Total Capital Outlay	-	-	-	-	-	-	0.0%
Total Operations & Capital Outlay	793,052	705,412	1,151,419	1,245,106	1,584,972	879,560	124.7%
Funded Positions (FTE) ->	2.00	2.00		2.00	1.00	(1.00)	-50.0%

Calaveras County Water District
Non-Departmental Operating Budget: FY 2019-20

Non-Departmental	Actual FY 2017-18	Adopted Budget FY 2018-19	Y-T-D as of 30-Apr-19	Projected FY 2018-19	Draft Prelim Budget FY 2019-20	Variance to Budget FY 2018-19	% Change to Budget FY 2018-19
Salaries and Benefits							
Salaries/Wages	-	-	-	-	-	-	0.0%
Overtime	-	-	-	-	-	-	0.0%
Benefits	-	-	-	-	-	-	0.0%
Medical/Dental Reimbursement	-	-	-	-	-	-	0.0%
Total Salaries and Benefits	-	-	-	-	-	-	0.0%
Services and Supplies							
Utilities	28,519	28,570	20,630	24,756	26,700	(1,870)	-6.5%
Materials & Supplies	42,350	37,200	34,718	41,662	40,000	2,800	7.5%
Tools	-	500	750	900	500	-	0.0%
Safety Materials & Supplies	2,574	3,230	397	476	-	(3,230)	-100.0%
Administrative Technology	-	-	-	-	-	-	0.0%
Chemicals	-	-	-	-	-	-	0.0%
Outside Services/Repairs	9,527	10,100	14,731	17,677	13,000	2,900	28.7%
Service Maintenance Contracts	5,833	5,800	5,156	6,188	6,800	1,000	17.2%
Drug & Alcohol Testing	-	-	-	-	-	-	0.0%
Building Repairs	3,977	5,000	39	47	5,000	-	0.0%
Recruiting	-	-	-	-	-	-	0.0%
Claims/Damages	1,249	5,000	125	150	5,000	-	0.0%
Computer Licenses and Maint Agreements	-	-	-	-	-	-	0.0%
Janitorial Services	23,220	23,220	19,350	23,220	23,220	-	0.0%
Professional Services	-	-	600	600	-	-	0.0%
Hogan Payment-Purchased Power	293,262	293,262	-	293,262	-	(293,262)	-100.0%
Purchased Water	-	-	-	-	-	-	0.0%
Retired Employee Costs	109,764	554,200	472,394	566,873	599,000	44,800	8.1%
Insurance	118,096	184,000	117,297	172,927	188,578	4,578	2.5%
Fed, State & County Wtr/Swr Fees	-	-	-	-	-	-	0.0%
Federal Dam & Admin Fees	-	2,000	3,282	395,737	-	(2,000)	-100.0%
Misc. Non-Operating Costs	1,781	-	117	141	-	-	0.0%
Total Services and Supplies	640,152	1,152,082	689,587	1,544,615	907,798	(244,284)	-21.2%
Grand Total - Operations	640,152	1,152,082	689,587	1,544,615	907,798	(244,284)	-21.2%
Debt Service							
Interest - PERS Side Fund	12,375	3,485	2,880	2,880	-	(3,485)	-100.0%
Principal - PERS Side Fund	300,233	257,021	256,916	256,916	-	(257,021)	-100.0%
Interest - Umpqua PERS UAL	-	-	-	-	188,482	188,482	188482.0%
Principal - Umpqua PERS UAL	-	-	-	-	268,000	268,000	268000.0%
Interest - BBVA Compass Bond Refinance	3,610	-	-	-	-	-	0.0%
Principal - BBVA Compass Bond Refinance	461,846	-	-	-	-	-	0.0%
Interest - Umpqua Capital R&R Loan	114,126	90,098	89,966	89,966	58,083	(32,015)	-35.5%
Principal - Umpqua Capital R&R Loan	997,758	1,487,319	1,487,319	1,487,319	1,519,334	32,015	2.2%
Interest - USDA Reach 3a Bond	57,819	57,543	57,543	57,819	56,548	(995)	-1.7%
Principal - USDA Reach 3a Bond	42,700	43,700	43,700	43,700	44,700	1,000	2.3%
Interest - Vac-Con Loan	1,210	-	-	-	24,064	24,064	24064.0%
Principal - Vac-Con Loan	68,939	-	-	-	7,453	7,453	7453.0%
Interest - Wallace Equipment Loan	-	-	-	-	-	-	0.0%
Principal - Wallace Equipment Loan	-	-	-	-	-	-	0.0%
Interest - New Hogan	19,619	17,113	-	24,981	14,627	(2,486)	-14.5%
Principal - New Hogan	55,242	55,242	-	54,680	55,242	-	0.0%
Interest - Admin Building Loan	75,000	75,000	-	75,000	60,731	(14,269)	-19.0%
Principal - Admin Building Loan	-	570,741	-	570,741	585,010	14,269	2.5%
Interest - Sewer Fund Loan	-	14,322	-	14,322	13,014	(1,308)	-9.1%
Principal - Sewer Fund Loan	-	65,400	-	65,400	66,708	1,308	2.0%
Total Debt Service	2,210,477	2,736,984	1,938,324	2,743,724	2,961,996	225,013	8.2%
Total Operations & Debt Service	2,850,629	3,889,066	2,627,911	4,288,339	3,869,794	(19,271)	-0.5%

Draft Preliminary Capital Outlay Budget
 FY 2019-20

Dept	Qty	N or R*	Location	Description	Water	Sewer	Cost
Utilities	1	R	Southworth	Quad	-	8,000	8,000
Utilities	1	N	West Point	Bummerville Tank Site Fence	20,000	-	20,000
Utilities	1	N	La Contenta	Collections Storage Building	-	7,000	7,000
Utilities	1	R	District Wide	Hydro Jetter Trailer	-	30,000	30,000
Utilities	2	R	Indian Rock	Orenco Filter Boxes	-	30,000	30,000
Utilities	1	R	West Point	Stainless Steel Well-Screen Piping	10,000	-	10,000
Utilities	10	R	District Wide	Sample Stations	10,200	-	10,200
Utilities	1	N	Copper Cove	Equipment Storage Building	6,400	3,600	10,000
Utilities	1	R	District Wide	Slip Lining Equipment	-	5,000	5,000
Utilities	1	N	Ebbetts Pass	Articulating Snow Plow	4,416	2,484	6,900
Utilities	1	R	District Wide	PRV Vaults - Copper Sawmill	63,200	-	63,200
Utilities	4	N	District Wide	Trailer Mounted Generators	64,000	36,000	100,000
Utilities	2	R	District Wide	Flowmeters	45,000	-	45,000
Utilities	1	N	District Wide	CMMS Software	96,000	54,000	150,000
Adm Svc	1	R	Admin Building	HP Color Laserjet M855xh Printer	4,380	1,620	6,000
				TOTAL	323,596	177,704	501,300

Capital Improvement Program
Schedule of Cash Flow - Water Projects
FY 2019-20 thru FY 2021-2022

			Funding FY 19-20							
Project No	New Water Projects Project Description	Total Project Cost	Cash Flow			Expansion Funds	Reserves	Capital R & R	Grants	AD / Other Outside
			FY 19-20	FY 20-21	FY 21-22					
	Big Trees Pump Stations 1, 4 & 5 Replacement	200,000	-	-	200,000	-	-	-	-	-
	Hunters Raw Water Pumps Renovations	200,000	-	200,000	-	-	-	-	-	-
	West Point SCADA System Improvements	200,000	-	200,000	-	-	-	-	-	-
	Lake Tulloch Raw Water Pumps	125,000	-	-	125,000	-	-	-	-	-
	Reeds Turnpike Pump Station Replacement	350,000	-	-	350,000	-	-	-	-	-
	White Pines Dam/Blanket Drain Rehab	200,000	-	200,000	-	-	-	-	-	-
	Total New Water Projects	\$ 2,275,000	\$ -	\$ 600,000	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ -
Project No	Carryover Water Projects Project Description	Total Project Cost	Cash Flow			Expansion Funds	Reserves	Capital R & R	Grants	AD / Other Outside
			FY 19-20	FY 20-21	FY 21-22					
11079	Copper Cove Tank B / Repair & Paint	400,000	-	200,000	200,000	-	-	-	-	-
11080	Copper Cove Clearwell / Repair & Paint	450,000	-	250,000	200,000	-	-	-	-	-
11083J	Jenny Lind Clearwell #2 / Repair & Paint	200,000	183,888	-	-	-	-	183,888	-	-
11083L	Larkspur Tank / Repair & Paint	250,000	227,139	-	-	-	-	227,139	-	-
11083W	Wallace Tanks / Repair & Paint	350,000	343,926	-	-	-	-	343,926	-	-
	Ebbetts Pass Sawmill Tank / Repair & Paint	800,000	-	289,762	500,000	-	-	-	-	-
11084	Ebbetts Pass Techite Water Line Replacement	1,600,000	1,600,000	-	-	-	-	1,600,000	-	-
11085	Ebbetts Pass Reach 1 Water Line Replacement	7,400,000	5,000,000	2,400,000	-	35,000	-	4,965,000	-	-
11088	Jenny Lind Tank A-B Transmission Line	4,500,000	250,000	250,000	-	62,500	-	187,500	-	-
11092	Jenny Lind WTP PreTreatment Facility	4,000,000	500,000	-	-	-	-	125,000	375,000	-
11095	Ebbetts Pass Redwood Tanks HMGP	2,800,000	400,000	1,200,000	1,200,000	-	-	100,000	300,000	-
11096	AMR/AMI Radio Read Meter Program	4,500,000	100,000	2,200,000	2,200,000	-	-	100,000	-	-
11099	EP Meadowmont Pump Station / Rehab.	175,000	175,000	-	-	-	-	175,000	-	-
	Lake Tulloch Submerged Water Line Crossing	3,000,000	-	200,000	200,000	-	-	-	-	-
	White Pines Lake Restoration	200,000	100,000	100,000	-	-	-	100,000	-	-
	Wallace SCADA System Improvements	100,000	50,000	50,000	-	-	-	-	-	50,000
	West Point Backup Water Filter	3,400,000	200,000	200,000	-	-	-	200,000	-	-
	EP Hunters WTP Filter Rehab	400,000	400,000	-	-	-	-	400,000	-	-
	West Point SCADA Improvements	100,000	100,000	-	-	-	-	100,000	-	-
11066G	Jenny Lind (Kirby/Garner/Gabor) Service Lines	250,000	250,000	-	-	-	-	250,000	-	-
	Total Carryover Water Projects	\$ 34,875,000	\$ 9,879,953	\$ 7,339,762	\$ 4,500,000	\$ 97,500	\$ -	\$ 9,057,453	\$ 675,000	\$ 50,000

Capital Improvement Program
Schedule of Cash Flow - Wastewater Projects
FY 2019-20 thru FY 2021-2022

			Funding FY 19-20							
Project No	New Wastewater Projects Project Description	Total Project Cost	Cash Flow			Expansion Funds	Reserves	Capital R & R	Grants	AD / Other Outside
			FY 19-20	FY 20-21	FY 21-22					
	Vallecito/Douglas Flats Headworks Screen	250,000	250,000	-	-	-	-	250,000	-	-
	Total New Wastewater Projects	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -
Project No	Carryover Wastewater Projects Project Description	Total Project Cost	Cash Flow			Expansion Funds	Reserves	Capital R & R	Grants	AD / Other Outside
			FY 19-20	FY 20-21	FY 21-22					
15076	CC Lift Station 6, 8 & Force Main Bypass	2,400,000	100,000	2,300,000	-	-	-	100,000	-	-
15080	CC Lift Station 15 & 18 Rehab/Replacement	3,200,000	200,000	3,000,000	-	-	-	200,000	-	-
15082	Vallecito Recycled Water Distribution Project	280,000	210,000	-	-	-	-	75,600	134,400	-
15087	Wallace Renovation/SCADA/PLC & Electrical	100,000	100,000	-	-	-	-	-	-	100,000
15091	West Point/Wilseyville Consolidation Project	4,750,000	-	-	-	-	-	-	-	-
	Arnold Secondary Clarifier	1,400,000	200,000	200,000	1,000,000	40,000	-	160,000	-	-
	Arnold Leach Field Improvements	600,000	50,000	50,000	500,000	10,000	-	40,000	-	-
	LC Biolac, Clarifier & UV Improvements	3,850,000	25,000	25,000	400,000	12,500	-	12,500	-	-
	CC Secondary, Tertiary & UV Improvements	13,000,000	25,000	25,000	550,000	12,500	-	12,500	-	-
	Huckleberry Lift Station Rehab	200,000	200,000	-	-	-	-	200,000	-	-
	Indian Rock East Sand Filter Rehab	150,000	150,000	-	-	-	-	150,000	-	-
	Southworth Collection System / I&I Mitigation	100,000	100,000	-	-	-	-	100,000	-	-
	Total Carryover Wastewater Projects	\$ 30,030,000	\$ 1,360,000	\$ 5,600,000	\$ 2,450,000	\$ 75,000	\$ -	\$ 1,050,600	\$ 134,400	\$ 100,000
TOTAL WASTEWATER PROJECTS		\$ 30,280,000	\$ 1,610,000	\$ 5,600,000	\$ 2,450,000	\$ 75,000	\$ -	\$ 1,300,600	\$ 134,400	\$ 100,000
TOTAL WATER & WASTEWATER PROJECTS		\$ 67,430,000	\$ 11,489,953	\$ 13,539,762	\$ 7,625,000					