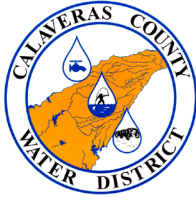


Welcome to the Calaveras County Water District Board of Directors Meeting

February 24, 2021 1:00 p.m.

- All Attendees will be muted upon arrival to the meeting
- During Public Comment, if you want to speak, please use the Raise Hand feature.
- This meeting will be recorded for public record





RESOLUTION NO. 2021-14
RESOLUTION NO. PFA-03
ORDINANCE NO. 2021-01

AGENDA

MISSION STATEMENT

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

Regular Board Meeting
Wednesday, February 24, 2021
1:00 p.m.

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

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

The following alternatives are available to members of the public to watch these meetings and provide comments to the Board before and during the meeting:

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

+1 689-206-0281,,147934627# United States

Phone Conference ID: 147 934 627#

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.

BOARD OF DIRECTORS

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

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 January 27, 2021

3b Approve Request for Water Leak Adjustment for Account #002301-000
(Jessica Self, External Affairs Manager)

RES 2021- _____

4. NEW BUSINESS

4a Discussion regarding Disinfection By-Products Maximum Contaminant Level Exceedance for Disinfection By-Products in the Ebbetts Pass Distribution System
(Jessica Self, External Affairs Manager)

5. OLD BUSINESS

5a* Update on the Mueller Automatic Meter Reading Project and the Tyler Software upgrade
(Damon Wyckoff, Director of Operations and Rebecca Callen, Director of Administrative Services)

6. REPORTS

6a* General Managers Report
(Michael Minkler)

7.* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

8. NEXT BOARD MEETINGS

- Wednesday, March 10, 2021, 1:00 p.m., Regular Board Meeting
- Friday, March 19, 2021, 8:30 a.m., Special Board Workshop-Strategic Planning
- Wednesday, March 24, 2021, 1:00 p.m., Regular Board Meeting

9.* CLOSED SESSION

9a Conference with Legal Counsel-Anticipated Litigation
Significant Exposure to Potential Litigation-Government Code § 54956.9(d)(2)-1 case

9b Government Code § 54957.6 Agency Negotiators: General Manager Michael Minkler, HR Manager Stacey Lollar and Michael Jarvis Regarding Negotiations with Employee Organization SEIU Local 1021 and Management and Confidential Unit

9c Conference with Real Property Negotiators Gov. Code § 54956.8
Property: APN 065-032-001 Agency negotiators: M. Minkler and D. Wyckoff
Under negotiation: Price and/or terms of payment.

10. REPORTABLE ACTION FROM CLOSED SESSION

11. 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

Joint Power Authorities

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

Other Regional Organizations of Note

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

Legal Counsel

Matthew Weber, Esq.
Downey Brand, LLP

Auditor

Richardson & Company, LLP

Membership**

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

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

Ratterman / Thomas
Thomas (alt. Ratterman)

Thomas / Underhill
All Board Members

All Board Members
Brad Arnold

Brad Arnold

* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.
** The 1st name listed is the committee chairperson.



RESOLUTION NO. 2021-05
RESOLUTION NO. PFA-03
ORDINANCE NO. 2021-01

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

Staff Present: Michael Minkler, General Manager
Rebecca Hitchcock, Clerk to the Board
Charles Palmer, District Engineer
Rebecca Callen, Director of Administrative Services
Damon Wyckoff, Director of Operations
Brad Arnold, Manager of Water Resources
Jessica Self, External Affairs Manager
Pat Burkhardt, Construction and Maintenance Manager
Stacey Lollar, Human Resources Manager
Tiffany Burke, Administrative Technician Sr.
Kate Jesus, Engineering Coordinator

Others Present: Julio Morales, UFI Financial Solutions
Jeff Land, Brandis Tallman
Michael Jarvis, LCW

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

President Davidson called the Regular Board Meeting to order at 1:09 p.m. and led the pledge of allegiance

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

MOTION: Directors Ratterman/Underhill – Approved Consent Agenda Items:
3b and 3c as presented.

Director Underhill pulled Item 3a from the Consent Agenda.

3a Approval of Minutes for the Board Meeting of January 8, 2021

3b Report on the FY 2020-21 Second Quarter Investment Report
(Rebecca Callen, Director of Administrative Services)

- 3c Approving Discharge of the Uncollectible Loan Balance Associated with the Lake Tulloch Assessment District
(Rebecca Callen, Director of Administrative Services) **RES 2021-05**

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

OFF CONSENT AGENDA

- Director Underhill pulled Item 3a from the Consent Agenda.*
3a Approval of Minutes for the Board Meeting of January 8, 2021

MOTION: Directors Thomas/Ratterman–Approved the Minutes from the Board Meeting of January 8, 2021, with amendment

DISCUSSION: Director Underhill would like a correction to the Directors Present section of the Minutes. Director Underhill is listed as the President and Director Davidson was elected President in December.

PUBLIC COMMENT: There was no public comment.

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

4. NEW BUSINESS

- 4a Discussion/Action on Refunding Assessment District Financings: DaLee/Cassidy and Fly in Acres
(Rebecca Callen, Director of Administrative Services) **RES 2021-06**

MOTION: Directors Ratterman/Secada-Approved Refunding Assessment District Financings for DaLee Cassidy and Fly in Acres

DISCUSSION: Ms. Callen explained that the District has a fiduciary responsibility to the Assessment Districts (AD) including refunding debt service if applicable. DaLee/Cassidy and Fly In Acres are the only AD's under the District's responsibility to qualify for this refunding. Ms. Callen introduced Jeff Land of Brandis Tallman and Julio Morales of UFI Financial Solutions who are attending today's meeting to answer any questions regarding the refunding. Ms. Callen spoke of the savings for each AD, and the savings homeowners will receive. She explained the timeline of the process. The two AD's will be combined into one during the refunding process. There was discussion between Ms. Callen and the Board regarding the refunding.

PUBLIC COMMENT: There was no public comment.

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

- 4b Discussion/Action regarding Sewer Fund Repayment Agreement between the Sewer Fund (Fund 500) and the Water Fund (Fund 300)
(Rebecca Callen, Director of Administrative Services) **RES 2021-07**

MOTION: **Directors Thomas/Ratterman-Approved the Sewer Fund Repayment Agreement between the Sewer Fund (Fund 500) and the Water Fund (Fund 300)**

DISCUSSION: Ms. Callen reviewed the history of the Sewer Fund loan. The proposed repayment schedule includes the negative Sewer Fund balance that occurred in the following year as well. The original repayment schedule was for 10 years, and the new repayment schedule will remain within the same timeframe.

PUBLIC COMMENT: There was no public comment.

AYES: **Directors Secada, Thomas, Ratterman, Underhill, and Davidson**

NOES: **None**

ABSTAIN: **None**

ABSENT: **None**

- 4c Discussion/Action regarding Mid-Year Fiscal Year 2020-21 Operating and Capital Improvement Program Budgets
(Rebecca Callen, Director of Administrative Services) **RES 2021-08**

MOTION: **Directors Thomas/Ratterman-Approved the Mid-Year Fiscal Year 2020-21 Operating and Capital Improvement Program Budgets**

DISCUSSION: Ms. Callen said that staff has been watching the items that have been reporting under or over budget. She reviewed the agenda item attachments and the criteria necessary for approval and spoke of both attachments. The Capital Improvement Program adjustments were discussed for both the water and wastewater projects.

PUBLIC COMMENT: There was no public comment.

AYES: **Directors Secada, Thomas, Ratterman, Underhill, and Davidson**

NOES: **None**

ABSTAIN: **None**

ABSENT: **None**

5. **OLD BUSINESS**

- 5a Discussion regarding Management Letter Responses and Accounting Changes
(Rebecca Callen, Director of Administrative Services)

DISCUSSION: Ms. Callen spoke of the outside audit firm's annual management letter which outlines their recommended changes to internal controls. Ms. Callen reviewed each item listed and provided her response to each.

PUBLIC COMMENT: There was no public comment.

6. **REPORTS**

6a General Managers Report
(Michael Minkler)

DISCUSSION: Mr. Minkler reported on the following activities: 1) the Districts COVID-19 response; 2) legislative updates; 3) the County's COVID-19 vaccine roll-out; 4) a meeting with the Bureau of Reclamation; 5) the Groundwater Sustainability Agency meeting; 6) the Upper Mokelumne River Watershed Authority meeting; 7) the White Pines Park Committee meeting; and 8) Calaveras Public Power Agency rates are going up significantly.

7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

Director Underhill reported that there is a lot of snow in Arnold.

Director Davidson had nothing to report.

Director Ratterman reported that a Mountain Counties Water Resources meeting is this Friday, the Legal Affairs Committee meeting is Tuesday at 2:00 p.m., and the upcoming ACWA Washington, D.C. Virtual Conference in March.

Director Thomas had nothing to report.

Director Secada reported that she attended the IRWM T-Stan & DAC meeting was last week.

8. NEXT BOARD MEETINGS

- Wednesday, February 10, 2021, 1:00 p.m., Regular Board Meeting
- Friday, February 19, 2021, 8:30 a.m., Special Board Workshop-Strategic Planning
- Wednesday, February 24, 2021, 1:00 p.m., Regular Board Meeting

The meeting adjourned into Closed Session at approximately 2:20 p.m. Those present were Board Members: Russ Thomas, Bertha Underhill, Jeff Davidson, and Scott Ratterman; staff members Michael Minkler, General Manager, Stacey Lollar, Human Resources Manager, and Michael Jarvis, LCW.

9. CLOSED SESSION

- 9a Government Code § 54957.6 Agency Negotiators: General Manager Michael Minkler, HR Manager Stacey Lollar and Michael Jarvis regarding negotiations with Employee Organization SEIU Local 1021 and Management and Confidential Unit.

10. REPORTABLE ACTION FROM CLOSED SESSION

The Board reconvened into Open Session at approximately 3:15 p.m. There was no reportable action.

11. ADJOURNMENT

With no further business, the meeting adjourned at approximately 3:15 p.m.

Respectfully Submitted:

ATTEST:

Michael Minkler
General Manager

Rebecca Hitchcock
Clerk to the Board

DRAFT

Agenda Item

DATE: February 24, 2021
TO: Michael Minkler, General Manager
FROM: Jessica Self, External Affairs Manager
SUBJECT: Approval of Credit Adjustment for APN 034-014-008

RECOMMENDED ACTION:

Motion: _____/_____ adopting Resolution No. 2021-__ approving a credit adjustment to customer account number 002301-000 for APN 034-014-008 at 3857 Highway 4.

SUMMARY:

Per the District's Ordinance No. 2000-03 (attached), any credit adjustment in excess of \$1,000 requires approval from the Board of Directors. The District currently has a customer at 3857 Highway 4, who is requesting a credit adjustment of \$1,041.70 due to a leak on their property through no fault of their own.

Ms. Verlia Teves, who is the owner of the property, is requesting the credit adjustment. As per Section 1 of Ordinance 2000-03 "leak adjustments will only be granted once every five years per water service account". Ms. Teves has not received an adjustment within the last five years and is in good standing with payment as such. Therefore, staff recommends that the credit adjustment be approved by the Board.

FINANCIAL CONSIDERATIONS:

The credit adjustment for account number 002301-000 will reduce water revenues in the water fund (Fund 300) by the amount of the adjustment, \$1,041.70

Attachments: Ordinance No. 2000-03 – Credit Adjustment Policy
Signed Credit Leak Adjustment Authorization for 3857 Hwy 4
Resolution No. 2021-__ Approving a Water Leak Adjustment

ORDINANCE NO. 2000- 03

Credit Adjustment Policy

The Board of Directors of CALAVERAS COUNTY WATER DISTRICT (CCWD) has determined that it is necessary and appropriate to adopt a policy for credit adjustments.

NOW, THEREFORE, BE IT ORDAINED as follows:

Section 1. Findings.

The General Manager and his authorized designees may make credit adjustments not to exceed \$1,000 to customer accounts in order to resolve customer-disputed charges. Such an adjustment must be requested in writing by the customer and supported by documentation showing that the credit is allowed due to extraordinary circumstances that render established policies and procedures of the District unreasonable or inapplicable.

Inclusive in this adjustment policy is a provision for leak adjustments calculated as 50 percent of the amount in excess of the customer's bill in a like period from a previous year. Leak adjustments will only be granted once every five years per water service account.

Adjustments in excess of \$1,000 require approval from the Board of Directors through variance procedures as established by the District.

Section 2. Effect on Prior Actions.

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

Section 3. Severability.

This Ordinance and the various sections thereof are hereby declared to be severable. To the extent the terms and provisions of this Ordinance are in conflict or are otherwise inconsistent with the terms and provisions of any prior CCWD ordinances, resolutions, rules, and other actions, the terms and provisions of this Ordinance shall prevail with respect thereto. The District hereby declares that it would have adopted this Ordinance irrespective of the invalidity of any particular portion thereof.

Section 4. Publication/Effective Date.

This Ordinance shall take effect as of this date.

PASSED AND ADOPTED this 14th day of June, 2000, by the following vote:

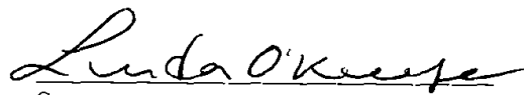
AYES: Directors Deem, Weinkle, Fonceca, Hebrard and Davidson
NOES: None
ABSENT: None
ABSTAIN: None

CALAVERAS COUNTY WATER DISTRICT



President

ATTEST:


Secretary
General Manager



CALAVERAS COUNTY WATER DISTRICT

120 Toma Court • P O Box 846 • San Andreas, CA 95249 • (209) 754-3543

November 13, 2020

Verlia Teves
122 Palo Verde Terrace
Santa Cruz Ca. 95060

Re: Leak Adjustment Account #002301-000; 3857 Hwy 4
APN: 034-014-008

Dear Verlia Teves:

Your request for a leak adjustment has been approved, pursuant to CCWD's Leak Adjustment Ordinance No. 2000 - 03. (Copy enclosed for your reference).

The total amount of *credit* you are eligible for is \$1041.70. This amount represents one-half or 50% of the excess usage resulting from the water leak compared to your normal usage the prior year. Upon receipt of the Leak Adjustment Credit Acceptance form below, this once every five year courtesy credit of \$1041.70 will be applied to your current billing totaling \$2200.73. Please remit your **remaining portion** of \$1159.03 along with this signed form so we can process your leak adjustment by November 17, 2020 in order to avoid any billing delinquency charges. As an option, CCWD does accept Visa and MasterCard payments over the phone for payment convenience.

You may contact our customer service department if you have any questions at (209) 754-3543.

Sincerely,

CALAVERAS COUNTY WATER DISTRICT

Please return this portion

CCWD Leak Adjustment Credit Acceptance Form

I, Verlia Teves, owner of 3857 Highway 4, 034-014-008
Print Name Property Address Parcel Number

hereby request a leak adjustment be made to my account. I understand this adjustment is a one-time courtesy and no further adjustments of this type will be made to my account within the next five years. Once this form is signed and returned to CCWD, the adjustment that I am eligible for will be posted to my account #002301-000.

Verlia Teves
Owner's Signature

2-12-21
Date

RESOLUTION NO. 2021-

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

**APPROVING A WATER LEAK CREDIT ADJUSTMENT FOR
CUSTOMER ACCOUNT NUMBER 002301-000 FOR APN 034-014-008
3857 HIGHWAY 4**

WHEREAS, the Board of Directors of the Calaveras County Water District adopted Ordinance No. 2000-03, Credit Adjustment Policy on June 14, 2000 which established that credit adjustments in excess of \$1,000 require approval from the Board of Directors; and

WHEREAS, Ordinance No. 2000-03 further states leak adjustments will only be granted once every five years per water service account; and

WHEREAS, Ms. Verlia Teves, of account number 002301-000 (APN 034-014-008) submitted and signed the acceptance form for a leak adjustment credit in the amount of \$1,041.70; and

WHEREAS, the customer has been in good standing with their payments and the water leak was through no fault of the owner.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Calaveras County Water District hereby authorize approving a leak adjustment credit in the amount of \$1,041.70 as a one-time courtesy for the next five years for account number 002301-000.

PASSED AND ADOPTED this 24th day of February, 2021 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Jeff Davidson, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: February 24, 2021

TO: Michael Minkler, General Manager

FROM: Jessica Self, External Affairs Manager

SUBJECT: Update and Discussion on the Notice of Violation for DBP exceedance levels within the Ebbetts Pass Service Area

RECOMMENDED ACTION:

No action needed.

SUMMARY:

Disinfection By-Products (DBPs) are formed in the water system when chlorine used in the disinfection process reacts with naturally occurring total organic carbon (TOC – formed by the decomposition of plant matter). TOC is difficult to remove by filtration at the water treatment plant and chlorine is a powerful disinfectant that provides a measurable disinfectant residual. By law, CCWD is required to have a measurable chlorine residual at all times throughout the water system. DBPs are regulated by the State in parts per billion. It is suspected that prolonged exposure to large volumes of DBPs over a long period of time can cause cancer. As a result, the State has placed Maximum Contaminant Level requirements on two families of DBPs. These are Total Tri-halomethanes (TTHMs – 80 parts per billion) and Haloacetic Acids (HAA's – 60 parts per billion).

The Calaveras County Water District is required to take quarterly DBP monitoring samples from multiple sites throughout the Ebbetts Pass Service Area (4 – 16 sites). For each location, CCWD is required to maintain a running annual average of the sample results. CCWD cannot exceed the MCL for either constituent at any sample site. In the fourth quarter of 2020, CCWD exceeded the Locational Running Annual Average (LRAA) Maximum Contaminant Level (MCL) for HAA's at one sample site within the Ebbetts Pass System. The MCL is 60 parts per billion and the District's LRAA exceedance was 61 parts per billion.

As required by the State of California, notification letters were mailed to all Ebbetts Pass service area customers on February 10, 2021. In addition, CCWD hosted a virtual town hall meeting on February 23, 2021 for customers to learn more about DBPs and share questions or concerns they may have.

FINANCIAL CONSIDERATIONS:

None

Attachments:

- 1. Notice of Violation letter to Ebbetts Pass service area customers*
- 2. DBP information flyer*



CALAVERAS COUNTY WATER DISTRICT

120 Toma Court • Post Office Box 608 • San Andreas, CA 95249 • Main Line (209) 754-3543

January 26th, 2021

RE: IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este Informe contiene informacion muy importante sobre su agua potable. Traduzcalo o hable con alguien quo lo entiende bien.

Disinfection By-Products Maximum Contaminant Level (MCL) Exceedance for Disinfection By-Products (DBPs) in the Ebbetts Pass Distribution System

DBPs are formed in the water system when chlorine used in the disinfection process reacts with naturally occurring total organic carbon (TOC – formed by the decomposition of plant matter). TOC is difficult to remove by filtration at the water treatment plant and chlorine is a powerful disinfectant that provides a measurable disinfectant residual. By law, CCWD is required to have a measurable chlorine residual at all times throughout the water system. DBPs are regulated by the State in parts per billion. It is suspected that prolonged exposure to large volumes of DBPs over a long period of time can cause cancer. As a result, the State has placed Maximum Contaminant Level requirements on two families of DBPs. These are Total Tri-halomethanes (TTHMs – 80 parts per billion) and Haloacetic Acids (HAA's – 60 parts per billion).

The Calaveras County Water District is required to take quarterly DBP monitoring samples from multiple sites throughout the Ebbetts Pass Service Area (add # of Sites). For each location, CCWD is required to maintain a running annual average of the sample results. CCWD cannot exceed the MCL for either constituent at any sample site.

In the fourth quarter of 2020 CCWD exceeded the Locational Running Annual Average (LRAA) Maximum Contaminant Level (MCL) for HAA's at one sample site within the Ebbetts Pass System. The MCL is 60 parts per billion and the District's LRAA exceedance was 61 parts per billion.

The Ebbetts Pass water system recently failed a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we are doing to correct this situation. This one sample result MCL exceedance is not representative of the water quality for the entire water system.

You do not need to use an alternative (e.g., bottled) water supply. This is not an immediate risk. If it had been, you would have been notified immediately. However, some people who use water containing haloacetic acids in excess of the MCL over many, many years may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer. If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

CCWD does not take this MCL exceedance lightly and is working diligently to restore the water supply at this sample site to within an acceptable DBP range. CCWD is preparing to replace multiple redwood tanks within the service area and re-route tank piping in an effort to improve water quality and reduce water age. District Staff are also assessing the viability of adding pre-treatment at the Hunters Water Treatment Plant to improve TOC removal. CCWD will continue to work to implement as many solutions as possible to improve water age and water quality overall.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses).

Secondary Notification Requirements -

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- SCHOOLS: Must notify school employees, students, and parents (if the students are minors).
- RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS (including nursing homes and care facilities): Must notify tenants.
- BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS: Must notify employees of businesses located on the property.

Should you wish to discuss this compliance order in detail, please email me, damonw@ccwd.org, or call 209-754-3306 at your convenience.

Sincerely,



Damon Wyckoff, Director of Operations

DISINFECTION BYPRODUCTS

Chlorination of Drinking Water

What are Disinfection Byproducts (DBPs)?

Water systems commonly add chlorine to drinking water to kill or inactivate harmful organisms in a process called “disinfection.” During disinfection of the water treatment process, chlorine reacts with total organic carbon (TOC) of organic matter. The TOC's are left over after plants and leaf litter break down in rivers, lakes, and streams. This reaction forms disinfection by-products (DBPs).



What does it mean for me when DBP's exceed the maximum contamination limit?

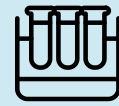
First, this is not an emergency. If it had been, you would have been notified by CCWD immediately. DBPs including haloacetic acids (HAA's) occur normally in drinking water that is disinfected with chlorine.

People drinking water containing HAA's in excess of the maximum contamination limit over many years may have an increased risk of getting cancer. Consequently the US EPA has set standards for controlling the levels of disinfectants, byproduct precursors and DBP's in drinking water.

Do the benefits of chlorination outweigh the health risks of DBP?

Yes. Adding chlorine to drinking water sources with bacteria and other harmful organisms makes the water safer to drink. When used correctly, chlorine kills or inactivates harmful microorganisms that cause diseases, such as E.coli infection, typhoid, cholera and dysentery. The immense benefits in reducing infectious diseases, and the simplicity and low cost of water treatment using chlorine, makes chlorination the most appropriate disinfectant for most water systems.

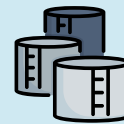
Let's break things down:



Routine DBP testing occurs at key CCWD sample sites: **Every 3 months**



Maximum Contaminate Level (MCL) for Haloacetic Acids (HAA): **60 parts per billion (ppb)**



Number of CCWD key sample sites in the Ebbetts Pass Service Area: **4 - 16 sites**



Number of CCWD sample sites exceeding the MCL limit for HAA's during the last routine test: **1 site, at 61 ppb**

So, how much is 1 part per billion?

1/2 teaspoon (or 1 ml) of water in an Olympic sized swimming pool





QUESTIONS?

Please reach out if you have questions or would like additional information on our DBP compliance order:

Damon Wyckoff, Director of Operations
209-754-3306 | damonw@ccwd.org

Jessica Self, External Affairs Manager
209-754-3123 | jessicas@ccwd.org

CCWD Customer Service
209-754-3543 | customerservice@ccwd.org



Recently constructed CCWD water tank located in the Meadowmont subdivision of Arnold.

WHAT CAN WATER SYSTEMS DO TO REDUCE THE FORMATION OF DBP'S?

Many water systems may be able to reduce the amount of DBPs formed without reducing public health protection by using one or more of the following methods:

- Remove or reduce the organic substances that react with the chlorine to produce DBPs.
- Reduce the contact time and/or the concentration of chlorine in the distribution system.
- Ensure adequate turnover in storage tanks and eliminate areas of stagnant water.
- Reduce the “water age” (the length of time water is in the distribution system).

NEXT STEPS:

What is CCWD doing to lower the HAA level in the Ebbetts Service System?

CCWD does not take this maximum contaminate limit exceedance lightly. Moving forward, we are working diligently and strategically to implement measures to restore the water supply at this sample site and assure future water quality tests are within an acceptable DBP range.

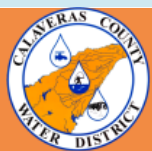
CCWD is currently undergoing project planning to:

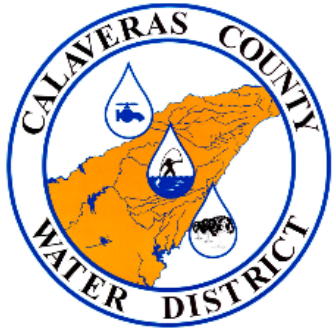
- Replace multiple redwood tanks within the service area with new, modern tanks. This project is in the design phase, with planned construction in 2022. We will be providing customers with a project summary soon through multiple outreach avenues.
- Re-route tank piping in an effort to improve water quality and reduce water age.

District Staff will continue to implement additional solutions that can improve water age and water quality overall. One immediate remedy is to increase flushing efforts to reduce water age.

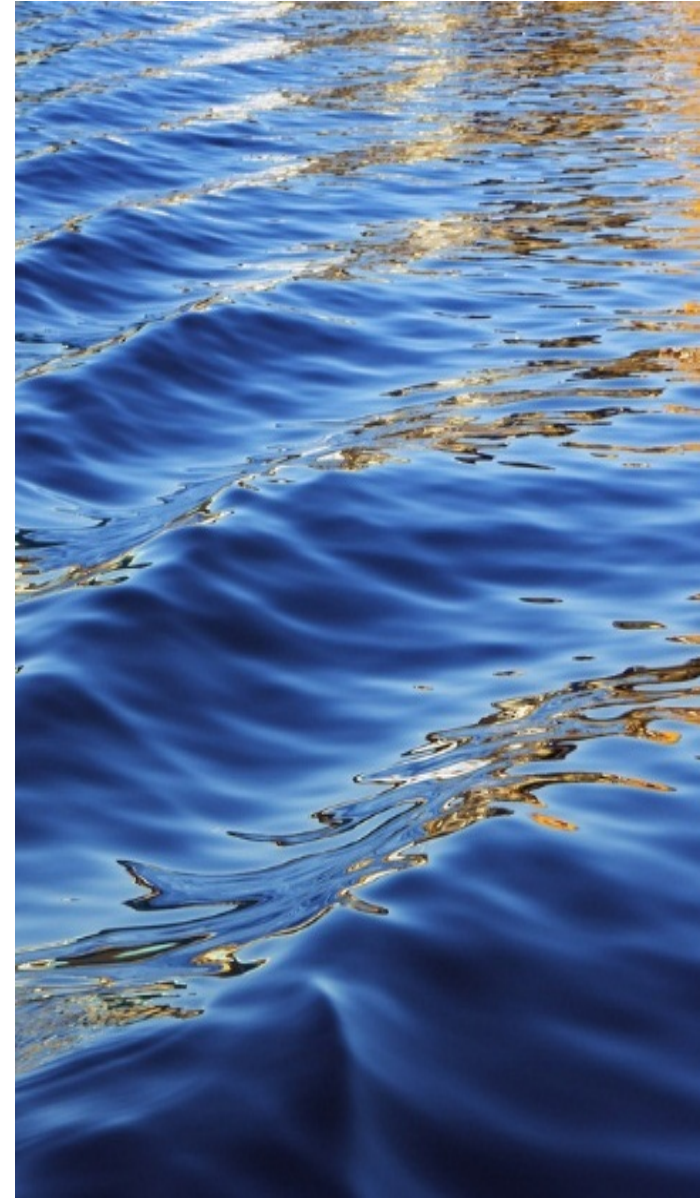
WOULD YOU LIKE TO LEARN MORE? JOIN US AT A VIRTUAL TOWN HALL MEETING.

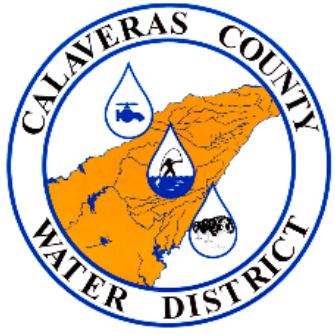
FEBRUARY 23rd at 6:00 PM | Visit ccwd.org to sign up and attend





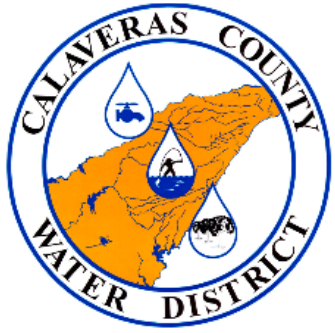
General Manager Report





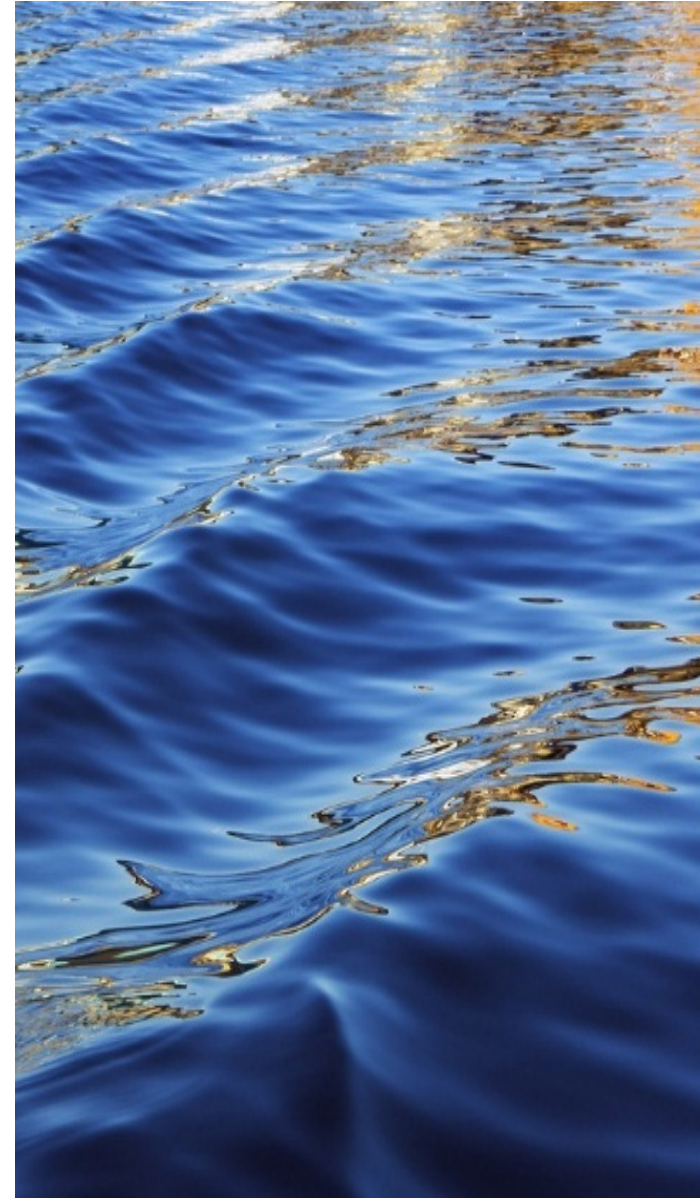
Board Reports

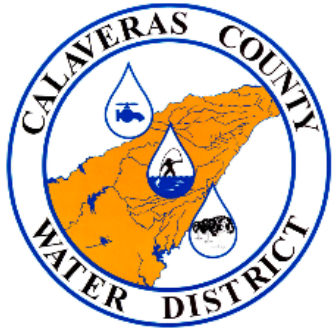




Closed Session in Progress

Please wait for Open Session to resume





Report out from Closed Session

Thank you for joining us

