

ENGINEERING COMMITTEE

AGENDA

Committee Meeting:
Tuesday, October 2, 2018
2:00 PM (Board Room)

Calaveras County Water District
120 Toma Court / P.O. 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 for this meeting. Any documents that are made available to the Committee before or at the meeting, not privileged or otherwise protected from disclosure, and related to agenda items, will be made available at CCWD for public review.

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. **PUBLIC COMMENT**

At this time, members of the public may address the Committee on any non-agendized items. The public is encouraged to work through staff to place items on the agenda for consideration by the Committee. Comments are limited to three (3) minutes per person.

2.* **APPROVAL OF MINUTES**

- Date of Prior Minutes August 7, 2018

3.* **NEW BUSINESS**

3a Presentation / Discussion of Electrical Aspects of the District's Operations and Current Facility Issues (Jesse Hampton, Interim Director of Operations / Oliver Tarap, Controls/Communication Senior Supervisor)

3b Discussion Regarding an Exception to District Policy Regarding Termination of Services for Unbuildable Parcel in Arnold (Robert Creamer, Engineering Analyst / Stacey Lollar, Director of HR and Customer Service)

4. **OLD BUSINESS**

Nothing to report

5. **FUTURE AGENDA ITEMS**

6. **NEXT COMMITTEE MEETING**

Tentative, Tuesday, November 6, 2018 at 2:00 p.m.

Tentative, Tuesday, December 4, 2018 at 2:00 p.m.

7. **ADJOURNMENT**

*Paperwork included in package

**CCWD ENGINEERING COMMITTEE
CALAVERAS COUNTY WATER DISTRICT
August 7, 2018**

The Engineering Committee of CALAVERAS COUNTY WATER DISTRICT met at the CCWD Offices in San Andreas, California, at approximately 2:00 p.m.

The following Directors/Committee Members were present:

Jeff Davidson
Russ Thomas

Also present:

Dave Eggerton
Charles Palmer
Jesse Hampton
Robbie Creamer
Sam Singh
Alesia Danner
Rebecca Hitchcock
Elaine St. John
Vickey Mills
Hugh Logan
Mat Ospital

General Manager
District Engineer
Plant Operations Manager
Engineering Analyst
Engineering Tech
Administrative Tech
Clerk of the Board

Calaveras Unified School District
Weber Ghio Assoc.

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

2. **APPROVAL OF MINUTES:**

The June 5, 2018 Minutes were approved as presented by a motion from Director Thomas, and seconded by Director Davidson.

3. **NEW BUSINESS:**

3a Presentation / Discussion Regarding Sewer Regionalization Option for Jenny Lind Elementary School (Robert Creamer, Engineering Analyst/Matt Ospital, Engineer, Weber Ghio Consultants)

Mr. Creamer discussed a proposed project, Calaveras Unified School District (CUSD) requesting regionalization for the Jenny Lind Elementary School sewer system. The suggested route would be along Berkeseey Lane. CCWD would own the sewer system. CUSD has a grant to pay the expense of the sewer system regionalization to CCWD.

Mr. Logan discussed the origination of the tertiary class 3 facility at the elementary school and the reasons as to why they are no longer wanting to have the sewer system as an asset to the school district. The school district cannot afford the overall expense to own and operate a sewer system. CUSD has received an \$8M state grant to fund the regionalization project which includes; planning, construction and construction management of the project.

Mr. Thomas inquired about the school campus grounds and how much land it would free up for the school. Mr. Logan advised that the grant could also provide funding for additional lands to be purchased for spray fields for CCWD. Mr. Davidson inquired about the irrigation of the school grounds and ball fields. School grounds would be irrigated using CCWD water, not the treated water. They currently use the treated water as a subsidy to CCWD water for the ball fields.

Mr. Davidson inquired about the costs of the new pipeline. Mr. Ospital provided a brief breakdown of the systems that would be part of the project and would provide a cost per item breakdown at a later time. Mr. Logan advised that the overall cost would be \$6M. Mr. Davidson inquired if there were any additional capacity options available to help pay for the overall cost of this expansion and if there are any current violations that CCWD needs to be aware of. Rancho residents will not be put onto the sewers. After some further discussion, the Committee Members gave approval to continue to pursue options to find a working plan.

3b Presentation/Discussion Regarding Current Biosolids Disposal Practices and Costs, (Sam Singh, Engineering Tech)

Mr. Singh presented a brief slide show presentation on Biosolids Disposal Practices and the costs consisting of the history of the Title 40 Code of Regulations, Part 503 Ruling of the Clear Water Act, definition of and classifications of biosolids: Class A- removes all pathogens, using direct or indirect heat. No Risk of hazards or land restrictions. No risk of infectious disease or pathogens. Class B – Process of significantly reducing pathogens. 99.9% of pathogens removed using aerobic or anaerobic digestion using air or limestone methods. Class C – Exceptional quality – Enhanced version of Class A biosolids with reduced level of degradable compounds that attract vectors- no bugs, mosquitos, flies, etc.. CCWD produces sewer sludge-Class B.

The discussion also included costs to maintain and operate CCWD facilities as well as transportation costs to remove and haul sludge to landfills. Current sludge is hauled to Suisun City. Local County landfill does not have an ordinance and restricts CCWD from delivering biosolids to them. CCWD needs a designated area within the county to deliver biosolids. Will need an ordinance with the county for land application/landfill acceptable solids.

General Manager Eggerton briefly discussed the upcoming 2 by 2 meeting where the biosolids topic would be a subject of discussion. Other districts and septic haulers are also requiring these facility options.

Director Thomas inquired what type of biosolids are produced at La Contenta and could we merge all of the CCWD biosolids at this location to reduce hauling costs? The stress on the facility would be too great for that location to handle. After some further discussion, the Committee Members gave direction to staff to continue to find ways to reduce costs/fees for biosolids.

3c Presentation / Discussion of Ebbetts Pass Water System Big Trees Service Area and Updated Agreement with Snowshoe Springs for Water Service (Charles Palmer, District Engineering)

Mr. Palmer presented a slide show presentation on the background of the Snowshoe Springs request to replace their current water service with CCWD water and the challenges that CCWD faces to operate within this area. Snowshoe Springs would be utilizing the Big Trees Service Area water system. The request is for a domestic water supply and residential fireflow protection. The presentation included an overall view of the updates already completed to Big Trees and Reach 1 and concluded with discussion on future update projects including the master plan updates. Fire mitigation is the most critical updates that need to occur.

General Manager Eggerton briefly discussed the team project of CCWD staff Hazard Mitigation projects, Snowshoe Springs HOA and Weber Ghio Staff to resolve any issues and find commonalities to make all of these items coincide at the same time.

4. OLD BUSINESS:

There was nothing to report.

5. FUTURE AGENDA ITEMS:

Director Thomas would like to see a comparison of the costs between the District costs of processing and hauling its sludge out of county for disposal and the annual costs of other agencies for producing sludge and their methods for disposal.

Director Thomas inquired about the status of the Copper Town Square Center where they have a sewer holding tank and if there are any bonds remaining on the original project to rectify their sewer pumping and hauling situation and connect the Center to CCWD facilities.

Director Thomas inquired about the meter size/fire flow/sprinkler issues to determine if we have a resolution. Currently being discussed in the Finance Committee, will provide findings at next Engineering Committee meeting. There is a ground-breaking ceremony at La Cobre Mina development in Copperopolis that could be affected by this.

General Manager Eggerton stated that CCWD will be adding operations staff presentations to the Engineering Committee meetings to provide information and concerns to the board for discussion.

6. NEXT MEETING

Tentative Schedule, Tuesday, October 2, 2018 @ 2:00 p.m.

7. ADJOURNMENT

There being no further business, the meeting adjourned at approximately 3:17 p.m.

Respectfully submitted,

Alesia Danner
Administrative Technician

Agenda Item

DATE: October 2, 2018

TO: Engineering Committee

FROM: Jesse Hampton, Interim Director of Operations
Oliver Tarap, Controls/Communication Senior Supervisor

RE: Presentation / Discussion of Electrical Aspects of the District's Operations and
Current Facility Issues

SUMMARY

A presentation will be made by Mr. Oliver Tarap, Controls/Communications Senior Supervisor, that will cover a basic overview of the District in regard to electrical aspect including SCADA, SCADA radio communications, voice radios and backup generators. The second half of the presentation will cover current facility issues with the Hunters Dam Pump Station, Lake Tulloch's submersible pumps and remote system accessibility. Of significant concern is the Hunters Dam Pump Station that is outdated and in dire need of upgrades. Also, the Lake Tulloch's submersible raw water pumps need to be completed, installed and work off a variable speed control. Remote system accessibility improvements are recommended to help with SCADA control and future asset management programs.

FINANCIAL CONSIDERATIONS

None at this time.

Attachments: N/A

Agenda Item

DATE: October 2, 2018

TO: Engineering Committee
Dave Eggerton, General Manager

FROM: Robert Creamer, Engineering Analyst
Stacey Lollar, Director of HR and Customer Service

SUBJECT: Discussion regarding an Exception to District Policy Regarding Termination of Services for Unbuildable Parcel in Arnold

SUMMARY:

Mr. and Mrs. Cocco, owners of 1141 Sequoia St. in Arnold, CA have requested an exception to Section 21.E. of Article III of the District's Rules and Regulations Governing the Furnishing of Water and/or Wastewater Services which states, "Termination of water and/or wastewater services to a property is not allowable under this policy." As shown on the attached parcel map, the subject properties consists of two parcels APN 026-027-030 & -031. One lot is 0.01 acres and unbuildable. While zoned commercial (C-2-DC), the properties currently have only one single family residential structure. The properties have one active sewer connection and a second non-active connection.

Though the District has Resolution 2002-86 which established a policy relating to "Exceptions to Construction Standards" and "Fee Waivers," staff has determined that this resolution does not apply to this request for an exception to the District's termination of service policy, as the request does not involve the District's construction standards nor is it a request for waiver of fees. The District has other policies to assist customers for temporary suspension of services/billing situations where an event occurs that temporarily interrupts the need for service such as fire damage to a home that must be rebuilt. However, this situation does not fall within these parameters.

Due to the unique circumstances of this situation, which predates the current owners and effectively beyond their control, staff recommends allowing this individual exception to the District's policy regarding termination of service. The proposed exception would eliminate current bi-monthly sewer charges for the non-active sewer connection, but one active sewer connection would continue to be charged for the existing single family residential structure. Staff is taking this opportunity to obtain input from the Committee Members prior to bringing a proposal to the Board of Directors.

FINANCIAL CONSIDERATIONS: None at this time.

Attachments: Section 21.E. of Article III
Resolution 2002-86
Parcel Map: APN 026-027-031 & -031
CCWD System Map

CCWD Rules & Regulations
 Governing the Furnishing of Water and/or Wastewater Services
 Table of Contents

	<u>Article</u>	<u>Page</u>
Section 17.03		
Testing Procedures for Existing Sanitary Sewer Facilities.....	II	11
Section 17.04		
Time Limits for Completion of Testing Procedures.....	II	13
Section 17.05		
Waiver of Testing Requirements.....	II	15
 Article III – Application for Service Rates and Billing		
Section 21		
Distribution of Service Revenues.....	III	1
Section 21.A1		
Application for the Responsibility of Payment of Service	III	1
Section 21.A2		
Temporary Water Service.....	III	1
Section 21.B		
Deposits.....	III	5
Section 21.C		
Notice to Owner of Delinquent and Unpaid Charges re Lien on Property.....	III	6
Section 21.D		
Suspension of Services.....	III	6
Section 21.E		
Termination of Services.....	III	7
Section 21.E.1		
Granting and Accepting Capacity Transfers.....	III	7
Section 21.F		
Foreclosure Abatement.....	III	9
Section 22		
Delinquent Water and/or Wastewater Service Bills and Notification of Discontinuance of Water and/or Wastewater Service.....	III	11
Section 22.A		
Disconnection – Charges.....	III	11
Section 22.B		
Reconnection – Charges.....	III	11
Section 22.C		
Returned Checks.....	III	12
Section 22.D		
Annual Review of Charges.....	III	12
Section 22.E		
Responsibilities and Authorities.....	III	12

CALAVERAS COUNTY WATER DISTRICT
RULES AND REGULATIONS GOVERNING THE FURNISHING OF WATER
AND/OR WASTEWATER SERVICES
ARTICLE III

APPLICATION FOR SERVICE RATES AND BILLING

The owner must notify the District at least forty-eight (48) hours (excluding weekends and Holidays) prior to the reconnection of the services. If an owner does not establish a reconnection within two (2) years, automatic termination of the suspension will occur and monthly service and consumption charges will be reinstated.

If any District facilities are found to be in use during such time as service has been suspended, owner will immediately become liable for the monthly water and wastewater service and consumption charges that would have been billed during the suspension period.

E. Termination of Services. Termination of water and/or wastewater services to a property is not allowable under this policy.

Resolution 2010-78
November 23, 2010

E.1 Granting and Accepting Capacity Transfers.

Owners of two parcels within the same CCWD service area as defined below may request the ability to transfer capacity from one lot to another provided:

- a. Both lots involved must be:
 - i. Owned in fee title per County of Calaveras Recorder's Office by the same owner at the time capacity transference.
 - ii. Located in the same CCWD service area hereby defined as an area served by the same CCWD distribution and/or collection plants.
 - iii. Designated for single family residential construction only. Capacity transfer is not available to multi-unit or commercial properties.

RESOLUTION NO. 2002 - 86

A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE CALAVERAS COUNTY WATER DISTRICT
RESCINDING PROCEDURE RELATING TO "VARIANCES"
AND ESTABLISHING POLICIES RELATING TO "EXCEPTIONS
TO CONSTRUCTION STANDARDS" AND "FEE WAIVERS"

WHEREAS the Calaveras County Water District has in the past allowed consideration of requests for "variances" in the application of its standards, policies and fees based primarily on the alleged financial impact upon individual applicants; and

WHEREAS the past practice is inconsistent with both the District's business and the applicable law.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Calaveras County Water District that the past procedure for consideration of requests for "variances" in standards, policies and fees is hereby rescinded.

BE IT FURTHER RESOLVED that the policies regarding "Exceptions" (Attachment One, incorporated herein by reference) and "Fee Waivers" (Attachment Two, incorporated herein by reference) are hereby adopted and shall be universally applied to all applicants.

BE IT FURTHER RESOLVED that District staff shall develop, and present for Board review, procedures implementing the above-referenced policies.

PASSED AND ADOPTED this 10th day of December, 2002 by the following votes:

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

CALAVERAS COUNTY WATER DISTRICT



President

ATTEST:


Secretary/General Manager

**CALAVERAS COUNTY WATER DISTRICT
POLICY REGARDING EXCEPTIONS TO
STANDARDS, RULES AND POLICIES**

It is the express policy of the Calaveras County Water District that all of its standards, rules and policies be equally and fairly applied to every person or entity affected thereby. Because of the potential for disparity of treatment, exceptions to the standards, rules, and policies are generally disfavored and shall not be granted unless all of the following conditions are satisfied:

1. Granting of an exception shall not discriminate in favor of, or against, any applicant for the exception or any other District customer.
2. An exception shall not be considered for purposes of financial benefit or relief.
3. Exceptions may be considered only for purposes of protecting significant environmental or aesthetic natural features, or for allowing reasonable beneficial use of real property for residential purposes.
4. Exceptions shall not, in any way, have the effect of establishing sub-standard facilities or services, or result in increased District costs.

All applications for an exception to District standards, rules and policies shall be reviewed in accordance with administrative guidelines promulgated by the General Manager.

End of Document

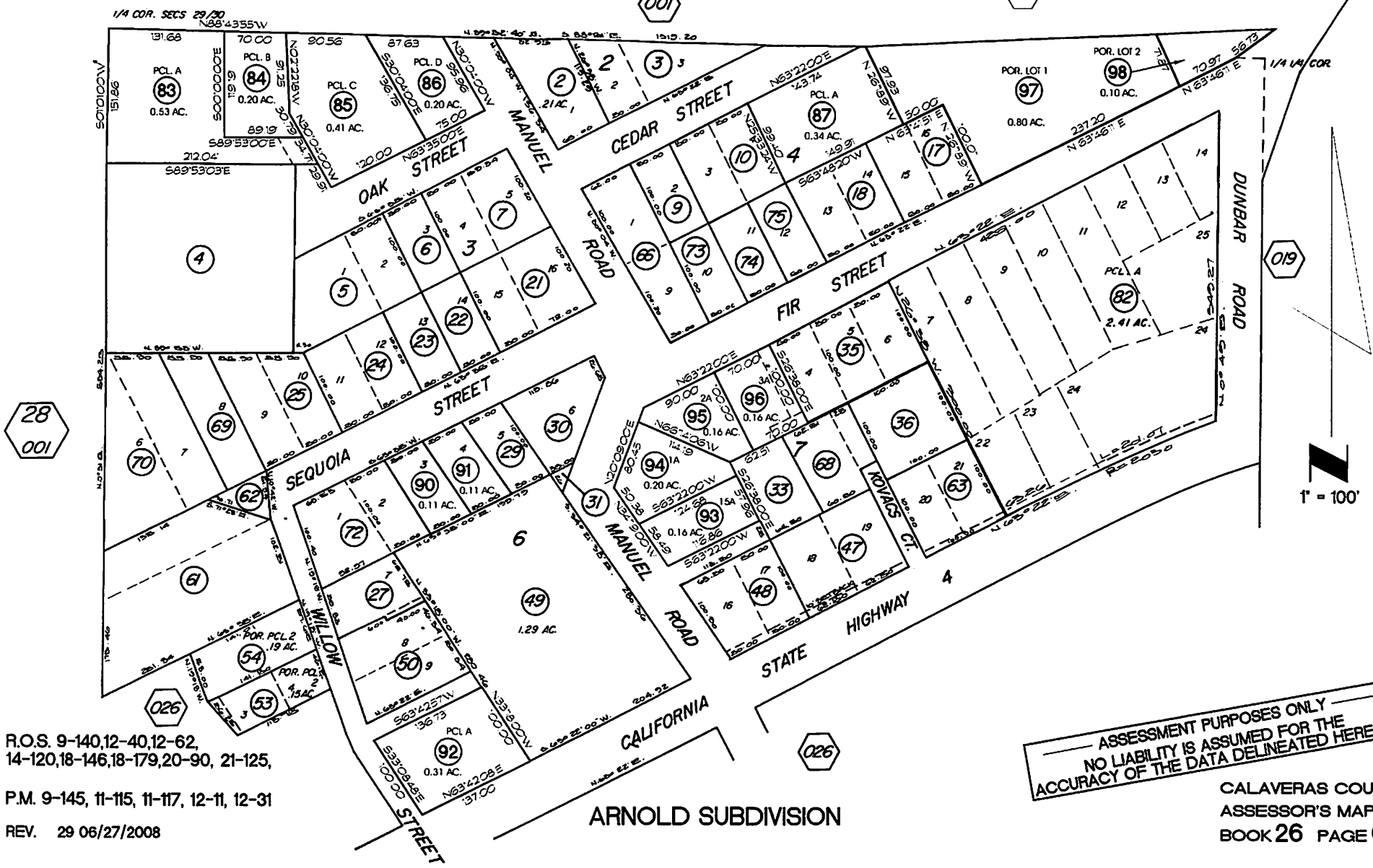
One of Two Attachments

**CALAVERAS COUNTY WATER DISTRICT
POLICY REGARDING WAIVER OF
FEES, RATES AND CHARGES**

It is the express policy of the Calaveras County Water District that all of its fees, rates and charges be equally and fairly applied to every person or entity affected thereby.

End of Document

Second of Two Attachments



R.O.S. 9-140, 12-40, 12-62,
 14-120, 18-146, 18-179, 20-90, 21-125,
 P.M. 9-145, 11-115, 11-117, 12-11, 12-31
 REV. 29 06/27/2008

ASSESSMENT PURPOSES ONLY
 NO LIABILITY IS ASSUMED FOR THE
 ACCURACY OF THE DATA DELINEATED HEREON

CALAVERAS COUNTY
 ASSESSOR'S MAPS -
 BOOK 26 PAGE 027

ARNOLD SUBDIVISION

