



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
 Monday, February 10, 2020 - 2:00 PM
 1000 Main Street Cambria, CA 93428

AGENDA

- A. CALL TO ORDER
- B. ESTABLISH QUORUM
- C. CHAIRMAN'S REPORT

1. PUBLIC COMMENT

Members of the public may now address the Commission on any item of interest within the jurisdiction of the Commission but not on its agenda today. Future agenda items can be suggested at this time. In compliance with the Brown Act, the Commission cannot discuss or act on items not on the agenda. Each speaker has up to three minutes. Speaker slips (available at the entry) should be submitted to the Commission Chairperson.

2. CONSENT AGENDA

- A. Consideration to Approve the January 14, 2020 Special Meeting Minutes

3. REGULAR BUSINESS

- A. Discussion and Presentation Regarding Reading Water Meters Informational Video
- B. Discussion and Consideration to Schedule Public Tours of Wastewater Treatment Plant and Advanced Water Treatment Plant Facilities
- C. Discussion Regarding District Asset List and Future Work on Adding to District Inventory Lists
- D. Discussion Regarding Color Coding of CIP List
- E. Discussion and Review of Ad Hoc Committee Assignments and

Amend as Needed

- 4. FUTURE AGENDA ITEMS**
- 5. ADJOURN**



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING

Tuesday, January 14, 2020 - 2:00 p.m.
1000 Main Street Cambria, CA 93428

DRAFT MINUTES

A. CALL TO ORDER [0:00]*

Chairman Pierson called the meeting to order at 2:01 p.m.

B. ESTABLISH QUORUM [0:00]

Committee members present: David Pierson, Karen Dean, Paul Nugent, Brad Fowles, Tom Gray (arrived at 2:12 p.m.) and James Webb (arrived at 2:44 p.m.).

Staff present: District Engineer & Utilities Manager Ray Dienzo, Finance Manager Pam Duffield, General Manager John Weigold, Management Analyst Melissa Bland.

Public present: Leslie Richards, Tony Church, Cindy Steidel, Harry Farmer.

C. CHAIRMAN'S REPORT [0:00]

D. AD HOC SUB-COMMITTEE REPORTS [0:01]

Vice Chair Dean reported on ad hoc sub-committee for update of the Urban Water Management Plan/Review of RFQ/RFP; Chair Pierson added additional comments.

Public Comment: Tina Dickason, Leslie Richards

1. PUBLIC COMMENT ON NON-AGENDA ITEMS [0:18]

Tina Dickason

2. CONSENT AGENDA [0:21]

- A. Consideration to Approve the December 10, 2019 Regular Meeting Minutes.

Motion to approve the minutes.

Motion by: Vice Chair Dean

Seconded by: Member Fowles

The motion was approved 4-Ayes (Dean, Gray, Fowles, Nugent), 0-Nays, 1-Absent (Webb)

3. REGULAR BUSINESS [0:22]

- A. Discussion and appointment of Committee Vice Chair and Secretary [0:22].

Public Comment: None

Motion to reappoint Karen Dean as Vice-Chair and Tom Gray as Secretary.

Motion by: Member Fowles

Seconded by: Member Gray

The motion was approved 4-Ayes (Dean, Gray, Fowles, Nugent), 0-Nays, 1-Absent (Webb)

- B. Discussion and consideration of establishing 2020 Resources & Infrastructure Standing Committee regular meeting dates [0:22].

Public Comment: Leslie Richards

Motion to hold meetings in 2020 on second Monday of each month at 2:00 p.m. at the Veterans' Hall, except for third Monday at 2 p.m. in September and June. (See Attachment for full schedule.)

Motion by: Vice Chair Dean

Seconded by: Member Nugent

The motion was approved 4-Ayes (Dean, Gray, Fowles, Nugent), 0-Nays, 1-Absent (Webb).

- C. Discuss and review Capital Improvement Project budget reallocations and approve Staff recommendations **[0:26]**.

Public Comment: Tina Dickason, Leslie Richards

Motion to approve the budget reallocations as recommended by Staff.

Motion by: Member Gray

Seconded by: Vice Chair Dean

The motion was approved 4-Ayes (Dean, Gray, Fowles, Nugent), 0-Nays, 1-Absent (Webb).

*Note: Items 3-D through 3-G below were discussed as a single item, starting at **[0:39]**.*

- D. Discussion and consideration of the appointment and tasking of ad hoc committees.
- E. Discussion and consideration to appoint a committee to assist Staff with upgrading of the water distribution system including new water meters for each customer account.
- F. Discussion and consideration to appoint a committee to assist Staff in researching grant opportunities to fund the work being recommended by PG&E and other CIP projects.
- G. Discussion and consideration of methods to improve the communication to the community of work done on the CIP with Proposition 218 funds.

Public Comment: Tina Dickason, Leslie Richards

Staff Comment: Pam Duffield, Ray Dienzo

No action taken.

4. FUTURE AGENDA ITEMS [1:14]

Committee members presented the following proposals for consideration at future meetings:

Producing 3-minute informational videos on topics such as reading water meters (Member Fowles).

Re-starting public tours of Wastewater Treatment Plant and Advanced Water Treatment Plant (Vice Chair Dean).

Conducting an overall assessment of CCSD infrastructure and resources (Member Nugent).

Updating list of CCSD assets (Vice Chair Dean).

5. ADJOURN [1:27]

Chairman Pierson adjourned the meeting at 3:28 p.m.

* **Starting time on recording [hrs:mi**



CAMBRIA COMMUNITY SERVICES DISTRICT
RESOURCES & INFRASTRUCTURE STANDING COMMITTEE
2020 REGULAR MEETING SCHEDULE

January 14, 2020 at 2:00 p.m.

February 10, 2020 at 2:00 p.m.

March 9, 2020 at 2:00 p.m.

April 13, 2020 at 2:00 p.m.

May 11, 2020 at 2:00 p.m.

June 15, 2020 at 2:00 p.m.

July 13, 2020 at 2:00 p.m.

August 10, 2020 at 2:00 p.m.

September 21, 2020 at 2:00 p.m.

October 12, 2020 at 2:00 p.m.

November 9, 2020 at 2:00 p.m.

December 14, 2020 at 2:00 p.m.

Regular meetings are held at the Veterans' Hall Dining Room
1000 Main Street, Cambria CA 93428

RESOURCES & INFRASTRUCTURE COMMITTEE MEETING SIGN-IN SHEET

Meeting Date: January 14, 2020

Name	Name
DAVID PIERSON	
Karen Dea	
Paul Nugent	
Darn Duffield	
BRAD FOWLES	
Ray Dienzo	
L. Richard	
Pina Dickason	
TONY CHORCH	
John Weigold	
Cindy Stordal	
Harry Farmer	
Melissa Bland	
Tom Gray	
Jim WEBB -/ak!	

Welcome: Video 1**Water Meters****Brad:**

Hi My name is Brad Fowles and I am with the Resource and Infrastructure Committee for Your Cambria Community Services District or also known as CCSD.

Welcome to the first of our informational videos designed to keep you informed of important infrastructure and proposition 218 projects as well as some helpful tips on conservation around your home and in the community.

Today we are going to check out water meters.

Prop: Sample Meter on Bench

Brad short walk to Meter on Bench:

Brad:

Here we have a residential water meter for us to take a look at. Now your water meter is located in the ground between the curb and your home. This one is on the bench so we can see it a little easier. We will review locating your water meter a little later in this video and show you how you can find it if needed.

So, let's take a quick look at what we need to know about the water meter. As you can see it has Numbers on it much like the speedometer in a car or a clock face. There is also this odometer looking dial that tells us how much water has gone through the meter over a given period of time.

We will get to the dial, (**Pointing to dial**), in a minute but here is what I consider to be the most important item on this meter, the 'Blue Star'. (**Pointy to blue star**) This little guy will tell you if any water is going through the meter. If you have suspicion that you have water leaking somewhere this little guy will tell you. It will move even if there are just a few drops making it through. The faster it spins the more water is traveling through here.

So simply turn off all water spickets in and around the house. Make sure toilets have not been recently flushed and take a look at the 'Blue Star'. If it's stationary, not moving, then all is good. If it is moving at all, then we need to find the leak.

(Pointing to wire & Cylinder). Now you may have noticed this wire going to this black cylinder. This is how your meter gets read. There is no longer any need to open each box and look at each dial to read the meter. Values are obtained electronically. This is great for saving labor on meter reading but as you will see later in this video. These meters can get covered up by plants or buried by rodents.

Before we go into the field to find a meter let's look at the dial portion again. This is how you can verify or review your water bill. **(Pointing to dial).** The black numbers on the dial right here. Represent the number of billing units that have passed through the meter. 1 unit equals 748 gallons.

The numbers here on the white part of the dial represent the number of times this red hand goes all the way around. One time around equals 1 cubic foot of water or 7.48 gallons. It takes 100 revolutions to impact your water bill. 100 times around equals 748 gallons, or one unit on the black dial.

Show the; 'How to read water meter' flyer:

Brad:

(Show Flyer). Here is a flyer on how to Read Your Water Meter that is available online or at the Cambria Community Service District office. A sample meter just like this one is also available for review in the CCSD Office. The How to read a water meter flyer is available for you to take with you.

So now let's go meter hunting.

Front yard near meter that is partially covered with dirt.

Brad:

Let's look around and see if we can find the meter.

Camera shows regulator at house with mainline going into the ground.

Sometimes it's easier to start at the house and find where the main water supply enters and then work our back to the street. The meter will usually be in a straight line from where the water main goes into the house.

And Here it is. **(Pointing to a pile of dirt and a half cover lid).** Looks like this meter has not been looked at for a while. So, I am going to uncover this and clean off the dial so I can read

it. Now I am looking to see if there is a water leak, so I am interested in finding the 'Blue Star' to see if it's spinning. I have made sure everything is turned off.

Brad clearing off the top of the meter box

Prop: Shovel, rags and hose

Be careful as you lift the lid. Spiders and other critters like to hang out in here, so I recommend wearing gloves. Once you clear out the box You may need to wipe off the glass to be able to see what is going on.

Brad looks and notices the Blue Star is turning, Camera shows Blue Star.

Wow look at that, the Blue Star is spinning so we must have a leak.

Brad Looks around and notices the hose was left on slightly.

Oh, here we go, I thought I turned everything off and I left the hose on slightly. I will just turn this off and check the Blue Star again.

Camera looks at Blue Star not spinning.

That seems to have solved the problem this time. If you are not as lucky and the Blue Star continues to spin you might have to look around the house. Faucets and toilets. Toilet tanks will continue to fill if the flapper valve in the tank is stuck or old. Probably the most common problem. But if the Blue Star won't stop and you cannot find the leak you should call a professional to help you out.

You can also contact the CCSD at 805-927-6223 and they can answer any questions you may have.

Currently not all the meters have the electronic radio systems working. They are outdated so parts are not available. About 500 meters currently are manually read each month. Your proposition 218 dollars will be important for the community to get the water meters updated and on the same remote system for reading the meters as we move forward.

So, I am going to clean up this mess I made and put the hose away. I hope our short informational video was helpful.

Until next time let's all do our part to conserve our resources. I am Brad Fowles and on behalf of the CCSD. Have a great day.

CAMBRIA COMMUNITY SERVICES DISTRICT
 FIXED ASSET LISTING, AS OF 6/30/2018
 REPORT FOR RESOURCES & INFRASTRUCTURE MEETING 2/10/2020

GENERAL FUND**FIRE DEPARTMENT**

Fire Land - 1400	Date	Life	Cost
023-461-007	1/25/94		53,530
023-461-006	1/16/02		52,635
023-461-008	3/1/95		33,745
023-461-009	2/10/95		33,745
023-426-008	6/14/95		27,200
023-426-016	6/26/95		27,200
023-426-021	1/12/95		45,598
023-426-022	1/12/95		45,598
4050 Burton Old Station	pr to 1990		0
Total Land-01 1400 01			319,251

Fire General Plant - 1460	Date	Life	Cost
Electrical 2850 Burton	1/31/00	15	5,722
Hydrant Middle School	8/31/94	20	5,000
Fire Hydrants	6/30/92	20	29,138
Fire Hydrants	2/28/91	20	29,678
Total General Plant-01 1460 01			69,538

Fire Station - 1461	Date	Life	Cost
Fire Station (Design Engineering-\$75,557; Design RRM-\$102,569; Construction-\$1,101,463)	10/1/97	50	1,279,589
Total Fire Station-01 1461 01			1,279,589

Fire Mach & Equip - 1470	Date	Life	Cost
Fuel Card Reader Sys	2/21/13	7	3,233
Strut Rescue System	1/24/12	5	17,463
1000 gal diesel/gas tank	6/30/00	10	11,810
Rescue equipment	10/25/99	7	10,634
Sigma SCBA	11/21/94	5	15,703
GE Base Radio	2/14/94	7	5,220
Motorala VHF Receiver	7/31/92	7	5,196
Motorala VHF Receiver	2/24/92	7	5,614
MAKO Air Fill Station	4/28/92	10	8,000
Morbark Chipper	1/20/05	10	20,997
Total Mach & Equip-01 1470 01			103,869

Fire Vehicles - 1472	Date	Life	Cost
Ford F-150 (Chief's Vehicle)	6/23/13	7	36,272

F-150 (Chief's) Add'l costs	8/14/13	7	1,641
Ford 350 Cmd Vehicle	3/7/03	7	36,138
Upgd to Cmd Veh F-350	8/28/03	7	25,502
Dodge plus Upgrades	10/15/98	7	28,011
10 gal built in	12/31/96	10	11,154
Danko Squad Apparatus	10/29/95	7	58,772
1988 Sentinel Pumper	7/1/88	10	165,506
1989 Starfire Pumper	11/1/88	10	73,120
1962 GMC 2 ladder tank	12/1/61	7	14,120
1962 GMC 2 Ladder Tank Sold	FY 09/10		(14,120)
2017 Ford F-250 (Chief's Vehicle)	10/27/17	7	39,132
2017 F-150 (Chief's) Emerg Buildup	10/27/17	7	7,642
Total Vehicles-01 1472 01			482,890

Fire Computer Equip - 1473	Date	Life	Cost
Ricoh Afcio MPC 2051 Copier	6/27/13	5	7,514
T-1 Line	12/31/06	20	5,326
T-1 Line-Abandoned	4/1/10	20	(5,326)
Total Computer Equipment-01 1473 01			7,514

Station Equip - 1474	Date	Life	Cost
Phone System	10/31/97	7	5,017
Murphy Beds	9/30/97	7	12,075
Motorola Mobile	10/31/97	7	7,485
Vulcan Harness	6/27/02	7	9,438
Gym Equipment	5/21/03	10	6,997
Air Fill Station Bauer Comp	10/14/05	10	48,360
Facepiece/Alarm/Air Fill	12/5/05	10	30,212
Life Fitness Equip	1/9/06	10	4,241
Washer/Extractor	5/4/07	10	9,688
Exhaust System	4/20/07	10	52,938
Total Station Equipment-01 1474 01			186,451

Fire Engines-1476	Date	Life	Cost
Pierce Pumper	6/18/07	10	480,046
Pierce Pumper	10/10/17	10	622,315
Total Fire Engines-01 1476 01			1,102,361

Water Tender - 1477	Date	Life	Cost
Water Tender	11/7/02	10	206,548
Total Water Tender -01 1477 01			206,548

TOTAL FIRE			3,758,012
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FACILITIES AND RESOURCES

Fac & Res General Plant - 1460	Date	Life	Cost
ADA Compliant Ramp	6/3/03	10	12,750
Sprinkler System	6/1/03	20	102,546
Upgrade Chg Order 5/6	9/15/03	20	25,369
Front Door	5/12/03	10	5,437
Pave Park Lot	8/20/96	15	45,906
Seismic #1	3/19/96	15	18,474
Seismic #2	5/1/95	15	14,977
Vet Hall remodel	2/11/91	15	59,305
Street Lghts Conduit	10/3/05	20	44,270
Pub Rstrm East/West Village	6/30/97	25	32,764
Trash Can Recept w/Plants (28)	6/30/16	20	59,837
Total Fac & Res Plant-01 1460 02			421,635

Fac & Res Mach & Equip-1470	Date	Life	Cost
Sound Sys/Music Factory	10/16/04	5	10,499
Electric Lift Gate	4/21/05	20	6,987
Flat Bed Trailer 83 x 20	2/25/16	5	6,823
FOG Enforcer @ Vets Hall Kitchen	7/13/18	5	8,154
Total Fac & Res Mach & Equip-01 1470 02			32,463

Fac & Res Office Equipment-1471	Date	Life	Cost
Xerox Copier from Adm 03/22/05	11/13/96	7	15,449
Fac & Res Office Equipment-01 1471 02			15,449

Fac & Res Vehicles-1472	Date	Life	Cost
2013 Ford F-350 & Assessories	11/26/12	7	25,825
JD 4120 Tractorw/400CX & AY11E	7/31/13	7	34,850
Utility Tractor J Deere	3/16/06	5	54,025
2016 Ford F 250 Truck	3/2/16	7	33,157
Total Fac & Res Vehicles-01 1472 02			147,857

Fac & Res Computer Equip-1473	Date	Life	Cost
T-1 Line	3/16/06	20	4,994
Write-Off T-1 Line Abandoned	4/1/10		(4,994)
Total Fac & Res Computer Equip-01 1473 02			-

TOTAL FACILITIES & RESOURCES			617,403
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ADMINISTRATION

Admin Land 1400	Date	Life	Cost
EW Ranch (Fiscalini Ranch)	11/16/00		11,070,985
Bahringer 013-151-045	8/17/04		1,000,892

Bianchini	4/12/01	25,000
Unknown audit aje		57,365
Phillip Property	11/24/03	195,950
AJE #26		25,000
Total Admin Land-01 1400 09		12,375,192

Leasehold Improv -1405	Date	Life	Cost
Leasehold Improv	2/1/99	25	32,889
Leasehold Improv	12/2/02	25	9,456
Total Admin Leasehold Impr-01 1405 09			42,345

Admin Mach/Equip - 1470	Date	Life	Cost
Stuart St Comm Ctr	6/28/95	10	15,499
Bd Meeting Furniture	8/17/05	10	11,470
Total Admin Mach/Equip-01 1470 09			26,969

Admin Office Equip - 1471	Date	Life	Cost
Savin MPC3503	1/13/14	7	7,983
Ricoh Aficio MP 6002SP	9/5/12	7	16,879
Ricoh Printer	7/30/02	7	11,806
Savin 4060 copier/printer	3/22/05	7	15,307
Savin 9955 Copier	7/31/99	7	15,542
Lucent Phone Sys	10/7/99	7	8,255
Xerox copier(to VH 03/22/05	11/13/96		-
Total Admin Office Equip-01 1471 09			75,772

Admin Vehicles - 1472	Date	Life	Cost
2013 Ford Fusion	6/11/13	7	18,383
Total Admin Vehicles-01 1472 09			18,383

Admin Computer Equip - 1473	Date	Life	Cost
3 Servers & Rack	6/1/10	5	22,435
Laserfiche Imaging System	10/25/06	5	33,051
T-1 Line*	12/31/06	20	3,483
Write-Off T-1 Line Abandoned	4/1/10		(3,483)
Acct Software	7/1/02	7	86,299
Gateway Computers	12/1/02	5	89,938
Gateway Computers-Write off	7/1/10	5	(89,938)
Server & Software	2/28/18	5	45,282
Total Computer-01 1473 09			187,067

Total Administration	12,725,727
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PROS

PROS Trails-1401	Date	Life	Cost
Cross Town Trail			1,476,957

Connector Trail	6/30/12	26,669
Marine Terrace Trail	12/31/06	217,047
Bluff Trail	1/31/07	306,626
Total PROS Trails-01 1401 16		2,027,299

PROS Streambank Restoration-1402	Date	Life	Cost
Santa Rosa Creek	9/1/10		248,571
Total PROS Trails-01 1402 16			248,571

COMMUNITY & DOG PARK

Community & Dog Park-1479	Date	Life	Cost
Community & Dog Park	2/28/18	20	610,556
Total -01 1479 16			610,556

Total PROS			2,886,426
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RANCH HOUSE (Van Gordon House)

Ranch House Land-1400	Date	Life	Cost
Land-Old Ranch House (Previously Fund 20)			20,420
Total Ranch House-01 1400 20		N/A	20,420

WATER FUND

WATER	Date	Life	Cost
Land	various		812,416
Total LAND Acct 1400			812,416

Supply System-1410	Date	Life	Cost
Pine Knolls Tank	10/24/08	30	3,347,159
Water Tank Top Of World	07/01/93	30	855,565
Leimert Water Tank	09/01/88	40	99,307
Orig 3 Wells & Addtn's	60-63	20	15,079
Water Tanks	01/01/81	20	47,700
System Improvements	01/01/82	20	22,369
S/R Creek Filtration	01/01/85	20	103,489
S/R Booster Pump	06/28/88	15	28,216
S/S Standby Gen Well 1&2	01/01/89	15	33,802
Total SUPPLY SYSTEM Acct 1410			4,552,685

MTBE Well SR4-1411	Date	Life	Cost
SR4 Automation	05/14	10	135,602
SR-4 Well High School	01/01/02	20	1,462,148
SR-4 Well High School	07/01/02	20	205,771
Total MTBE WELL SR4 Acct 1411			1,803,521

Distribution System -1420	Date	Life	Cost
Valve Raising	07/01/93	20	28,200

Water Lines Unit 1,3A,4A	05/01/81	40	6,801,845
Additions	63-75	20	248,421
Water Lines Unit5	81-82	40	369,633
Water Lines Unit 4A/6	82-83	40	460,717
Water Lines Unit 7	83-84	40	422,966
Water Line Unit 8 Lodge Hill	01/01/85	40	353,588
Water Line Unit 9 Lodge Hill	01/01/87	40	105,669
Water Line Unit 10 Lodge Hill	01/01/88	40	214,149
Pumping Plant	01/01/69	20	19,363
Trans & Dist Plant	01/01/60	50	44,419
Valve Raising 92	07/01/91	20	73,485
Pineridge Main	06/30/99	20	55,481
SS Well Raising	5/31/00	20	154,921
99 Valve Raising	6/30/00	20	31,195
Warren Agreement Pipeline	4/15/08	40	72,065
Leffingwell Bridge Pipes	04/01/10	40	32,590
Fiscalini Tank Replacement	6/30/17	40	92,825
Total DISTRIBUTION SYSTEM Acct 1420			9,581,532

Waterline Fiscalini -1421	Date	Life	Cost
Fiscalini Waterline	7/1/05	50	732,024
Total WATERLINE FISCALINI Acct 1421			732,024

AMR Meter Replacement -1422	Date	Life	Cost
Radio Meters (AMR)	11/1/05	10	710,342
Radio Meters (AMR)	10/26/16	10	19,447
Total AMR METER REPLACEMENT Acct 1422			729,789

Santa Rosa Creek Restoration -1434	Date	Life	Cost
SR Creek Restoration	6/30/16	20	354,917
Total SANTA ROSA CREEK RESTORATION Acct 1434			354,917

Santa Rosa Creek Restoration -1434	Date	Life	Cost
SR Creek Restoration-NON DEPRECIABLE			86,533
Total SANTA ROSA CREEK RESORTATION Acct 1436			86,533

General Plant -1460	Date	Life	Cost
Radio Stuart St	07/01/93	10	7,856
Pine St Water Main	05/01/95	20	29,213
General Plant Equip	01/01/65	10	24,893
General Plant Vehicle & Equip	01/01/62	10	152,965
6/82 WP H-14	01/01/80	10	37,789
	01/01/80	5	5,036
Equip Acq Acct 117	01/01/82	10	9,262
General Plant Bldg	01/01/83	20	36,464
Charing Lane Pressure Reg	01/01/88	15	10,817

Chemical Feed Unit	08/31/99	10	9,295
Water Yard Bank Protection	05/31/00	20	208,713
SS Well Trnf Switch	13/14	10	5,497
Stuart St. Trnf Switch	13/14	10	5,497
Upgrade Alarm System	13/14	10	6,167
SCADA Radio Infrastructure	13/14	10	51,325
Non-Potable Water Tank @ SR3	16/17	10	18,348
2840 ft RC Water Line(Purple)	06/30/04	40	139,169
Total GENERAL PLANT Acct 1460			758,305

Machinery & Equipment -1470	Date	Life	Cost
S/S Standby Gen Well 1&2	1/1/89	15	33,802
1981 Ford 1 ton PU	03/01/84	5	8,671
Water Meters	01/01/83	5	12,018
Ditch Witch	11/09/84	5	8,874
Ditch Witch	01/22/85	5	8,680
John Deere 850 Tractor	10/05/87	5	8,110
Various studies	7/1/90	5	42,687
Misc(ULD Adj)		5	9,815
Misc(94/95 Adj)	94/95	5	25,957
Leimert Generator	6/30/99	15	32,685
Stuart Street Generator	6/30/99	15	29,739
John Deere Tractor	10/26/99	5	25,652
Diesel Fuel tank	10/31/99	5	15,601
Genset Portable Generator	12/7/99	15	37,374
Total MACHINERY & EQUIPMENT Acct 1470			299,665

Vehicles-1472	Date	Life	Cost
2 Ford F-250s & Radios	11/26/12	7	44,814
Ford F250	6/30/18	7	35,265
Vehicles(93/94 Adj)	93/94	5	67,677
Vehicles(95/96 Adj)	95/96	5	10,909
Vehicle	10/6/98	5	17,960
2000 Ford PickUp	11/22/99	5	20,447
Ford F-350 PickUp	3/18/03	5	35,575
Ford 2005 F150 PickUp	2/20/05	5	19,198
Total VEHICLES Acct 1472			251,845

Computer Equipment-1473	Date	Life	Cost
Orion Laptop	3/7/13	5	6,558
Total COMPUTER EQUIPMENT Acct 1473			6,558

SUSTAINABLE WATER FACILITY (SWF)

GENERAL PLANT-1460	Date	Life	Cost
Sustainable Water Facility (SWF)	1/1/15	20	10,957,006
SWF Drainage Swale	2/26/18	10	49,321

Total GENERAL PLANT-1460	11,006,327
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Total WATER	30,976,118
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WASTEWATER FUND

WASTEWATER FUND

LAND-1400	Date	Life	Cost
Land	10/30/98		968,993
Heath Lane	11/02/04		40,017
Total LAND Acct 1400			1,009,010

COLLECTION SYSTEM-1430	Date	Life	Cost
Manhole Raising	07/01/93	20	135,382
Station 9 Moonstone Beach	01/01/93	20	49,514
Station B-4 Green St	01/01/93	20	56,587
Station A-1 Sherwood/Harvey	01/01/93	20	38,904
Station B-1 Burton Dr	01/01/93	20	31,830
Collection Facility	01/01/74	40	1,800,247
Collection Facility -WP h12	01/01/81	40	7,238,140
Additional Costs	01/01/82	38	13,296
Lift Sta # 1	01/01/82	40	48,075
Lift Sta #4	01/01/83	40	55,440
Lift Sta #9	09/01/86	15	71,370
Resorvior Van Gordon/Ranch	01/01/83	40	158,439
Additional cost AD 2	01/01/83	38	42,985
Manhole Raising 92	07/01/91	20	84,906
Flow Equal Basins	07/01/90	30	562,496
Force Main Modification	07/01/91	10	30,950
ULD Adj		10	13,561
Force Main Eng		10	10,397
99 Manhole Raising	06/30/00	20	41,626
Lift Sta B-9 Force Main Upg	06/30/00	40	174,685
Force Main	06/30/00	40	84,988
Move Sewer Line-Santa Rosa Creek*	09/01/02	40	145,894
L/S 8 Control Panel	06/27/14	20	31,641
Leffingwell Bridge Pipes	04/01/10	40	41,545
Lift Station 8	06/30/15	40	1,848
Lift Station 9	06/30/15	40	42,112
Lift Station A1	06/30/15	40	105,795
Lift Station B4	06/30/15	40	70,334

Total COLLECTION SYSTEM Acct 1430	11,182,985
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DISPOSAL/EFFLUENT-1435	Date	Life	Cost
Bio-Solids Screw Press	09/01/08	20	1,046,151
Effluent Disp Pond	08/01/95	25	862,188

Total DISPOSAL/EFFLUENT Acct 1435	1,908,339
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SR CREEK RESTORATION-1436	Date	Life	Cost
Bank Protection	06/30/00		99,967
Pond E & Berms			266,451
Total SR CREEK RESTORATION Acct 1436			366,418

TREATMENT PLANT SEWER #1-1440	Date	Life	Cost
Original Treat/Plant	01/01/74	40	243,519
Assm't Dist #2	01/01/81	40	318,507
New Plant	05/01/81	40	4,293,392
Addl Costs- New Plant	01/01/81	40	10,316
Lift Station WP 11-13	01/01/82	40	44,258
Total TREATMENT PLANT SEWER#1 Acct 1440			4,909,992

TREATMENT PLANT UPGRADE 94/96-1442	Date	Life	Cost
W/W Treatment Pl Upg 94	1994	30	5,498,434
Total TREATMENT PLANT UPGRADE Acct 1442			5,498,434

GENERAL PLANT-1460	Date	Life	Cost
Vehicle Storage/Office Bldg	10/01/92	25	188,659
Various	01/01/72	10	7,751
Various	01/01/79	10	6,776
Various per WP H-14	01/01/81	10	18,724
Equipment	01/01/82	10	10,413
Building Steel	01/01/83	15	18,248
Bonomi Ranch Well-SS Cr	02/01/90	10	12,550
Yard Sealcoat	06/30/99	10	7,533
Various	06/30/99	10	43,949
Aeration Tank Meters	08/31/99	10	12,587
Aeration Basin Sleeve Replcmt	06/30/15	10	33,640
Handrails	08/30/17	10	29,185
Total GENERAL PLANT Acct 1460			390,015

MACHINERY & EQUIPMENT-1470	Date	Life	Cost
Computer Prog & Printer	11/01/83	5	8,745
Equipment	01/01/84	5	10,521
MD 118 Hydroconstant	08/31/86	7	5,606
MPGB Hydroconstant	11/30/86	7	7,934
Multi-Quip Pump	02/28/87	7	5,092
ULD		5	256,394
Hydraulic Pump	06/28/99	5	31,501
Vehicle Hoist	08/31/99	5	5,813
John Deere Tractor/Boom Mow	11/23/99	5	76,887
Portable Generator	11/03/99	15	37,814
Non-Potable P7P well	06/30/04	5	2,637
P7P Pump & Components	05/13/05	5	6,115

A-1 Generator	03/01/12	15	32,603
Emergency Generator	09/25/08	5	24,716
Camera, Self-Leveling, Color	07/31/09	5	7,364
Effluent Pump	09/20/17	5	15,254
Influent Station Covers	09/21/17	5	6,022
Portable Pump	10/24/17	7	53,204
Total MACHINERY & EQUIPMENT Acct 1470			594,222

OFFICE EQUIPMENT-1471	Date	Life	Cost
Office Equipment-Phone Sys	06/30/99	5	9,182
Total OFFICE EQUIPMENT Acct 1471			9,182

VEHICLES-1472	Date	Life	Cost
Vehicles (94/95 Adj)	94/95	5	245,176
Vehicles (95/96 Adj)	95/96	5	5,294
Vehicles (96/97 Adj)	96/97	5	23,489
Ford F-350 PickUp	03/18/03	5	39,229
Dump Trailer	06/03/09	5	14,224
2012 Ford F250 w/Crane	12/28/12	7	33,855
2005 Ford F150 PickUp	02/20/05	5	19,198
Total VEHICLES Acct 1472			380,465

COMPUTER EQUIPMENT-1473	Date	Life	Cost
T-I Line(Put in service FY 07/08)	12/31/06	20	4,994
T-I Line-Abandoned	4/1/10		(4,994)
Computer Equipment (96/97)	96/97	5	8,296
Computer Equip	6/30/99	5	9,508
Gateway Computers - 7	1/1/03	5	19,834
Total COMPUTER EQUIPMENT Acct 1473			37,638

LAB EQUIPMENT-1478	Date	Life	Cost
Sterilizer Lab	09/04/02	5	6,623
Spectrophotometer	09/17/02	5	9,690
Total LAB EQUIPMENT Acct 1478			16,313

Total WASTEWATER			26,303,014
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Water CIP - Capital Improvement Program (Revised 5/6/2019 - For Discussion Only)				
		Ranking	Project Cost	10 yr Cost
Water Distribution System Projects				
1	Pressure Zone 2 to Zone 7 transmission main replacement @ SR Creek pedestrian bridge	1	\$ 120,000	\$ 120,000
2	Water Meter Replacements & Upgrades	1	\$ 1,050,000	\$ 1,050,000
3	Annual GIS updating & upgrades	1	\$ 10,000	\$ 100,000
4	Piney Way erosion control inspection report and follow-up protection efforts for existing pipeline	1	\$ 10,000	\$ 10,000
Priority 1 Subtotal			\$ 1,190,000	\$ 1,280,000
5	Subzone metering of distribution system	2	\$ 150,000	\$ 150,000
6	Stuart Street Tank Replacement (125K gallon welded steel tank with new foundation)	2	\$ 458,000	\$ 458,000
Priority 2 Subtotal			\$ 608,000	\$ 608,000
7	Replacement of problematic service lines within Leimert	3	\$ 130,000	\$ 130,000
8	Water Master Plan Amendment (revised fire flow modeling/tank sizing check)	3	\$ 35,000	\$ 35,000
9	Annual Water pipelines, pumps, and PRV repairs and replacements	3	\$ 50,000	\$ 500,000
10	Valve Replacements	3	\$ 20,000	\$ 20,000
Priority 3 Subtotal			\$ 235,000	\$ 685,000
11	Inspection & spot repair to water transmission main under S. Parks wetlands area; or lining of transmission main plus study & predesign	4	\$ 80,000	\$ 80,000
12	Pine Knolls - Iva Court zone 1 pipeline expansion	4	\$ 165,000	\$ 165,000
Priority 4 Subtotal			\$ 245,000	\$ 245,000
Tank & Booster Pump Station Projects				
1	SCADA System - Long-term Water Portion	1	\$ 250,000	\$ 250,000
2	Electrical transfer switch and conduit to well SS-3	2	\$ 25,000	\$ 25,000
3	San Simeon well field generator replacement	2	\$ 100,000	\$ 100,000
Priority 2 Subtotal			\$ 125,000	\$ 125,000
4	Rodeo Grounds Pump Station Replacement (aka Zone 2 Booster pump station)	3	\$ 1,016,000	\$ 1,016,000
Water conservation				
1	Database for water conservation program/tracking with parcel links & APN file conversion	1	\$ 10,000	\$ 10,000
Vehicles & Trailer Mounted-Equipment				
1	Vehicle Replacement Program Reserves (Accumulate Funds)	1	\$ 25,000	\$ 250,000
Overhead Projects				
1	Contingency/reserves (Accumulate Funds)	1	\$ 15,000	\$ 150,000
Grand Total			\$ 4,619,000	
			Priority 1 Total	\$ 1,940,000
			Priority 2 Total	\$ 733,000
			Priority 3 Total	\$ 1,701,000
			Priority 4 Total	\$ 245,000
SWF CIP - Capital Improvement Program (Revised 4/30/2019 - For Discussion Only)				
		Ranking	Project Cost	10 yr Cost
Permitting				
1	EIR consulting (follow up agency discussions to support the SWF's Regular CDP)	1	\$ 10,000	\$ 10,000
2	Section 7 ESA consulting, annual AMP report, & AMP update	1	\$ 100,000	\$ 100,000
Priority 1 Subtotal			\$ 110,000	\$ 110,000
Interim, short-term SWF Modifications				
1	Modifications to facilitate off-hauling RO waste (secondary containment, grading, rock, purchase tanks)			
	a) Secondary Containment, Grading, Rock	1	\$ 20,000	\$ 20,000
	b) Tank purchase	1	\$ 80,000	\$ 80,000
Priority 1 Subtotal			\$ 100,000	\$ 100,000
Advanced Water Treatment Plant				
1	Miscellaneous instrumentation / monitoring upgrades	2	\$ 10,000	\$ 10,000
2	Filters / membrane replacements (or build reserves for future)	2		\$ -
Priority 2 Subtotal			\$ 10,000	\$ 10,000
Long-Term Improvement Modifications				
1	Consulting assistance for coordination with Army Corps on WRDA grant (meetings, redefine work plan, & update scope of work)	1	\$ 40,000	\$ 40,000
2	Future permanent mods at SWF for trailer fill station [transfer tanks, piping, & spill containment/loading pad] (1,2)	2	\$ 200,000	\$ 200,000
3	AWTP pull-barn style covers for outdoor equipment & control panels (1,2)	2	\$ 50,000	\$ 50,000
Priority 2 Subtotal			\$ 250,000	\$ 250,000
4	Sems, Hach WIMS, or custom programmer for logging/reporting software and tablets (yr 1 is software/programming assistance)	3	\$ 25,000	\$ 25,000
5	Installation of remote sensing instrumentation at SS creek (needs access agreement with State Parks)	3	\$ 10,000	\$ 10,000
6	Solar Array System (1,2)	3	\$ 375,000	\$ 375,000
Priority 3 Subtotal			\$ 410,000	\$ 410,000
Grand Total			\$ 920,000	
			Priority 1 Total	\$ 250,000
			Priority 2 Total	\$ 260,000
			Priority 3 Total	\$ 410,000
			Priority 4 Total	-

Wastewater CIP - Capital Improvement Program (Revised 5/6/2019 - For Discussion Only)				
	Wastewater Projects	Ranking	Project Cost	10-Yr Cost
	Wastewater Treatment Plant Projects in SST			
1	Electrical Upgrades (ECM 7) - Conduits between PG&E transformer and service witchboard, switchboard, connections to existing switchboard, connections to generator)	SST	\$ 232,500	\$ 232,500
2	Secondary Water System (3W) Improvements (ECM 10) - Submersible pumps, hydrpneumatic tank, demo, electrical/I&C	SST	\$ 185,000	\$ 185,000
3	Sewer Lift Stations (ECM 12) - Lift Station B1, Lift Station B4, Electrical/I&C	SST	\$ 3,945,000	\$ 3,945,000
4	Influent Lift Station Modifications (ECM 2) - Bypassing; VFDs; Equipment & Material Demo; Pumps, guiderails, valves, and piping installation; upper concrete wet well deck & hatches (installation); electrical/I&C; new concrete and repair coatings	SST	\$ 846,250	\$ 846,250
5	Modified Ludzak-Ettinger Process Upgrade (ECM 3) - MLE conversion based on Carollo 2015 Study minus VFD costs; header repair	SST	\$ 853,750	\$ 853,750
6	Influent Flow Equalization (ECM 1) - New or refurbished EQ tanks based on Carollo 10% design	SST	\$ 1,060,000	\$ 1,060,000
7	Effluent Pump Station Improvements (ECM 11) - Demo; surge tank replacement; pump replacement; install new VFDs; flowmeter; discharge manifold piping; instrumentation; replace air release valves; pipeline cleaning and flushing; electrical/I&C	SST	\$ 733,750	\$ 733,750
8	RAS and WAS Pumping Improvements (ECM 5) - RAS pumping system; WAS pumping system; scum pumps replacement; skimming troughs replacement; electrical/I&C	SST	\$ 496,250	\$ 496,250
9	SCADA System (ECM 9) - New SCADA system based on Carolla 10% Design	SST	\$ 721,250	\$ 721,250
10	Backup Power (ECM 8) - 365 kW NG Generator; Demo; Propane backup	SST	\$ 497,500	\$ 497,500
11	Blower System Improvements (ECM 4) - Replace 2 blowers; duct replacement	SST	\$ 1,345,000	\$ 1,345,000
12	Sludge Thickening (ECM 6) - Rehabilitate rotary drum thickener and screw press; new transfer pumps; stabilization tanks; aeration system and control valve; demo of clarifiers; rolloff area with roof; electrical/I&C	SST	\$ 961,250	\$ 961,250
	Subtotal		\$ 11,877,500	\$ 11,877,500
	Treatment Plant Projects Not in SST			
1	Clarifier Repairs (replace eastern drive unit's metallic hubs with non-corrosive hubs)	1	\$ 35,000	\$ 35,000
	Collection System Projects			
1	Lift Station B-2 (Wood Dr./E. Lodge Hill) new control panel at grade el.	1	\$ 425,000	\$ 425,000
2	Lift Station B-3 (Green St./W. Lodge Hill) new control panel	1	\$ 250,000	\$ 250,000
3	Lift Station 4 (DeVault Pl/Seaclift Estates) VFDs /new elect panel & 3 phase pump motors	1	\$ 85,000	\$ 85,000
4	Five-Year Replacement and New PCs for operators	1	\$ 10,000	\$ 20,000
5	Annual manhole inspections and report on needed corrections (approx. 20% of system/yr)	1	\$ 40,000	\$ 400,000
6	Annual Collection System Phased televising & cleaning (revised 11/20/18 reduced cost by 50% & extended number of years - SSMP has this over 10 yrs,)	1	\$ 50,000	\$ 500,000
7	Lift Station A (Nottingham & Leighton/Park Hill) new submersible pumps, MCC, bypass piping	1	\$ 400,000	\$ 400,000
8	Lift Station A (Nottingham & Leighton/Park Hill) control panel at grade el	1	\$ 90,000	\$ 90,000
9	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) submersible pumps, MCC, bypass piping	1	\$ 265,000	\$ 265,000
	Subtotal		\$ 1,615,000	\$ 2,435,000
1	Lift Station B improvements (SR Creek/behind Park Hill) new control panel	2	\$ 75,000	\$ 75,000
2	Annual manhole raising due to street overlays & roadway work/Manhole cover replacements	2	\$ 10,000	\$ 100,000
	Subtotal		\$ 85,000	\$ 175,000
1	Annual Collection System Repairs to reduce I/I & damaged pipe sections	3	\$ 50,000	\$ 500,000
2	Lift Station B - new wet well, submersible pumps, and valve vault (placeholder)	3	\$ 300,000	\$ 300,000
3	Collection System Assessment software (E.g, t4 Spatial or other)	3	\$ 10,000	\$ 10,000
4	Annual Collection System Assessment/engineering for repairs (extended number of years - SSMP has this occurring over 10 yrs)	3	\$ 30,000	\$ 300,000
5	Lift Station B-3 (Green St./W. Lodge Hill) submersible pumps, MCC, bypass piping	3	\$ 250,000	\$ 250,000
6	Lift Station B - replace existing generator	3	\$ 60,000	\$ 60,000
	Subtotal		\$ 700,000	\$ 1,420,000
1	Annual SCADA System Maintenance or Upgrades - Collections System	4	\$ 25,000	\$ 25,000
2	Collection System smoke testing	4	\$ 50,000	\$ 50,000
	Subtotal		\$ 75,000	\$ 75,000
	Vehicles and Trailer- Mounted Equipment			
1	Pearpoint or equal TV inspection camera (removed cost from mid year total to meet reduced funding balance, 11/20/2018.)	1	\$ 50,000	\$ 50,000
2	Vactor truck - replace with new \$430K truck that meets emssion requirements (7 yr loan @ 4.5%)	1	\$ 518,000	\$ 518,000
	Subtotal		\$ 568,000	\$ 568,000
3	Vehicle Replacement Program (Annual reserves)	3	\$ 25,000	\$ 250,000
4	Portable equipment replacement program - backhoes, generators and pumps (Annual reserves)	4	\$ 15,000	\$ 150,000
	Deferred Major Maintenance			
1	Cleaning of aeration basins (after screen installation)	1	\$ 20,000	\$ 20,000
2	Cleaning of pipelines from headworks to aeration tanks (after screen installation), including cleanout additions	1	\$ 10,000	\$ 10,000
	Subtotal		\$ 30,000	\$ 30,000
3	Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2	\$ 40,000	\$ 40,000
4	Eastern clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2	\$ 40,000	\$ 40,000

1 **Wastewater CIP - Capital Improvement Program (Revised 5/6/2019 - For Discussion Only)**

2	Wastewater Projects	Ranking	Project Cost	10-Yr Cost
61	5 Repainting of WWTP	2	\$ 30,000	\$ 30,000
62	6 Repainting of lift station facilities	2	\$ 10,000	\$ 10,000
63		Subtotal	\$ 40,000	\$ 40,000
64				
65	7 Seal coat AC pavement at WWTP	4	\$ 65,000	\$ 65,000
66			Grand Total	\$ 17,120,500
67			Priority 1 Total	\$ 3,068,000
68			Priority 2 Total	\$ 215,000
69			Priority 3 Total	\$ 1,670,000
70			Priority 4 Total	\$ 290,000
71			SST Total	\$ 11,877,500

**RESOURCES & INFRASTRUCTURE STANDING COMMITTEE
AD HOC COMMITTEES**

BYLAWS

Committee Members: Karen Dean and Paul Nugent

Assignment: Review PROS bylaws and develop Resources & Infrastructure bylaws for review at the next meeting.

Date Formation Approved: February 5, 2019 – R & I Committee Meeting

WATER DEMAND MANAGEMENT AND OFFSET MEASURES

Committee Members: Brad Fowles, Karen Dean, Tom Gray

Assignment: Evaluate the effectiveness of CCSD's water demand management and offset measures.

Date Formation Approved: March 19, 2019 – R & I Committee Meeting

DEVELOP A MISSION STATEMENT

Committee Members: Jim Webb and Paul Nugent

Assignment: Develop a mission statement and also be tasked with developing goals and objectives.

Date Formation Approved: June 18, 2019 – R & I Committee Meeting

REVIEW THE CURRENT UWMP

Committee Members: Karen Dean, Tom Gray and David Pierson

Assignment: Review the current Urban Water Management Plan (UWMP) and recommend areas for updating the plan.

Date Formation Approved: October 22, 2019 – R & I Committee Meeting

WATER CONSERVATION AND GRAY WATER USE

Committee Members: Harry Farmer, James Webb and Brad Fowler

Assignment: Investigate potential conservation and retrofit measures, as well as gray water use.

Date Formation Approved: November 19, 2019 – R & I Committee Meeting

UPGRADING OF THE WATER DISTRIBUTION SYSTEM

Committee Members: Pending review of 1/14/2020 meeting minutes

Assignment: Pending review of 1/14/2020 meeting minutes

Date Formation Approved: Pending review of 1/14/2020 meeting minutes

RESEARCHING GRANT OPPORTUNITIES TO FUND WORK BEING RECOMMENDED BY PG&E AND OTHER CIP PROJECTS

Committee Members: Pending review of 1/14/2020 meeting minutes

Assignment: Pending review of 1/14/2020 meeting minutes

Date Formation Approved: Pending review of 1/14/2020 meeting minutes