



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Monday, April 13, 2020 - 2:00 PM

Pursuant to Governor Newsom's Executive Order N-29-20, members of the Resources & Infrastructure Standing Committee or staff will participate in this meeting via a teleconference. Members of the public can submit written comments to the Deputy District Clerk at boardcomment@cambriacsd.org.

AGENDA

Please click the link below to join the webinar:

<https://zoom.us/j/619051181?pwd=TXZOUU9QWHV/LWHU3NGIXZIRKY3VEZz09>

Password: 027269

Or iPhone one-tap:

US: +16699006833,,619051181# or +13462487799,,619051181#

Or Telephone:

Dial (for higher quality, dial a number based on your current location):

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Webinar ID: 619 051 181

1. Teleconference

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

2. PUBLIC COMMENT

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

3. CONSENT AGENDA

- A. Consideration to Approve the March 9, 2020 Regular Meeting Minutes

4. REGULAR BUSINESS

- A. Discussion and Consideration to Amend the Resources & Infrastructure Committee Bylaws to Change the Regular Meeting Date and Time
- B. Receive Update from All Ad Hoc Committees
 - 1. Water Demand Management and Offset Measures Ad Hoc Committee
 - 2. Review the Current UWMP Ad Hoc Committee
 - 3. Water Conservation and Gray Water Use Ad Hoc Committee
 - 4. Produce Informational Videos on Water Meter Reading and Other Topics Ad Hoc Committee
 - 5. Research Offsite Water Storage Possibilities Ad Hoc Committee
- C. Receive Progress Report on the Investment Grade Audit (IGA)
- D. Receive Report from Ray Dienzo on the Orange County Facility Tour
- E. Discussion and Consideration Regarding Reviewing and revising the CIP List and Forwarding to the Board of Directors
- F. Receive Update on the Urban Water Management Plan (UWMP) Consultant
- G. Receive Update on the Conservation Program Efforts

5. FUTURE AGENDA ITEMS

6. ADJOURN



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
 Monday, March 9, 2020 - 2:00 PM
 1000 Main Street Cambria, CA 93428

MINUTES

A. CALL TO ORDER [0:00]*

Chairman Pierson called the meeting to order at 2:00 PM.

B. ESTABLISH QUORUM [0:00]

A quorum was established.

Committee members present: David Pierson, Karen Dean, Paul Nugent, Tom Gray and James Webb. Absent: Brad Fowles

Staff present: Finance Manager Pam Duffield and General Manager John Weigold

Public present: Cindy Steidel, Harry Farmer and Tina Dickason

C. CHAIRMAN'S REPORT [0:00]

1. PUBLIC COMMENT [0:00]

Public Comment: None.

2. CONSENT AGENDA [0:01]

A. Consideration to approve the February 10, 2020 Regular Meeting Minutes

Motion to approve the minutes.

Motion by: Vice-Chair Dean
 Seconded by: Member Gray

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

3. REGULAR BUSINESS [0:01]

Note: Consideration of Item 3A was moved to end of Regular Business; Item 3F was moved to start of Regular Business.

3A. Discussion and consideration of forming an ad hoc committee to research offsite water storage possibilities [0:35]

Public Comment: Tina Dickason

Motion to appoint an ad hoc committee to research water storage possibilities, consisting of David Pierson, James Webb and Paul Nugent.

Motion by: Member Webb
Seconded by: Vice Chair Dean

The motion was approved 3-eyes (Dean, Nugent, Webb), 1-Nay (Gray), 1-Absent (Fowles).

3B. Report from the Video Ad Hoc Committee. **[0:04]**

Public Comment: None.

No Committee action taken.

3C. Review of updated CIP list with color codes. **[0:10]**

Public Comment: None

General Manager John Weigold agrees to direct Staff to do quarterly color-code updates on progress of capital projects.

No Committee action taken.

3D. Report on consultant for Urban Water Management Plan update. **[0:22]**

Public Comment: None

General Manager Weigold reports that RFP/RFQ process has produced only one bid, which was above the amount budgeted for the update of the UWMP. Staff will return to Resources & Infrastructure Committee with recommendation on this matter.

No Committee action taken.

3E. Review of updated ad hoc committee list. **[0:26]**

Public Comment: None

No committee action taken.

3F. Discuss and review Capital Improvement Project budget of Vector truck and approve staff recommendation. **[0:01]**

Staff reporting: Finance Manager Pam Duffield

Public Comment: None.

Motion to make a recommendation to the Finance Committee to approve placing \$95,000 in unused funds from the Capital Improvement Project budget to Wastewater Fund reserves at fiscal year-end.

Motion by: Vice Chair Dean

Seconded by: Member Webb

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

3G. Discussion regarding reimbursement of standing committee travel expenses.
[0:29]

Public Comment: Cindy Steidel

No committee action taken.

Chair Pierson will propose to CCSD Board of Directors that this matter be clarified via Board bylaws.

4. FUTURE AGENDA ITEMS [0:53]

Member Gray noted need for revision of regular meeting date and time in Committee bylaws.

5. ADJOURN [0:55]

Chairman Pierson adjourned the meeting at 2:55 p.m.

*** Starting time on recording [hrs:mins]**

RESOURCES & INFRASTRUCTURE COMMITTEE MEETING SIGN-IN SHEET**Meeting Date: March 9, 2020**

Name	Name
DAVID PETERSON	
Paul Nugent	
Karen Dean	
JIM WEBB	
Tom Gray	
HARRY FARMER	
John Weigold	
Tina Dickason	
Gandy Steidel	
Sam Duffield	

CAMBRIA COMMUNITY SERVICES DISTRICT

RESOURCES AND INFRASTRUCTURE STANDING COMMITTEE BYLAWS

I. Statement of Purpose and Authority

The purpose of the Resources and Infrastructure Standing Committee (“Committee”) is to serve the Cambria Community Services District (“CCSD”) with respect to infrastructure and resources as follows:

- A. Assess existing resources and gather information regarding infrastructure and resource needs of the community.
- B. Establish a collaborative working relationship with the public and the CCSD Board of Directors.
- C. Create plans for meeting the needs of the community within the bounds of current and potential resources and priorities of the CCSD.
- D. Recommend plans of action to the Directors of the CCSD regarding actions to meet the community infrastructure and resources needs

II. Statement of Responsibilities

- A. Members of the Committee and their activities are bound by all applicable provisions of the Brown Act (Government Code Sections 54950 et seq.).
- B. Members of the Committee shall not participate in discussion of, or vote on, issues constituting conflicts of interest – “no public official shall make, participate in making, or in any way attempt to use his official position to influence a governmental decision in which he knows or has reason to know he has a financial interest.” (Government Code Section 87100).
- C. Members of the Committee are charged with protecting and upholding the public interest and with exhibiting the highest level of ethics in all actions.

III. Terms of Appointments and Offices

- A. The Committee shall consist of five community members with full voting privileges and one ex officio board director as chairperson. Committee members shall be appointed by the CCSD Board of Directors with a majority vote.
- B. Each Committee member shall serve a two-year term. Upon the request of a retiring Committee member, at the end of a completed term of office, with the recommendation of the Committee, and at the discretion of the CCSD Board of

Directors, a Committee member may be appointed for an additional term of up to two years.

- C. Each Committee member shall live within the CCSD boundaries, hold no other public office within the CCSD, and shall serve at the pleasure of the CCSD Board.
- D. The members of the Committee shall elect a Vice-Chairperson and Secretary, and the Chairperson shall be appointed by the CCSD Board of Directors. The Chairperson shall preside over meetings, appoint appropriate committees, sign reports, establish meeting agendas, and represent the Committee at the regular Board meeting. In the absence of the Chairperson, the duties of this office shall be performed by the Vice Chairperson. The terms of these offices shall be one year with elections occurring at the first regular meeting of each year.

IV. Duties of Committee Officers

- A. The Chairperson shall:
 - 1. Chair Committee meetings.
 - 2. Chair the Resources and Infrastructure Executive Committee to include the Chairperson and Vice Chairperson.
 - 3. Vote only in the event of a tied vote of the community members of the Committee.
 - 4. Coordinate input for agenda topics for the monthly Resources and Infrastructure meetings with CCSD staff.
 - 5. Develop an Annual Calendar of Events that includes Resources and Infrastructure priorities, workshops as needed, and joint meetings with the CCSD Board of Directors.
 - 6. Appoint ad hoc committees as needed.
 - 7. Act as liaison to CCSD standing committees, and appoint representatives to act as liaison other committees.
- B. The Vice Chairperson shall:
 - 1. Perform the duties of the Chairperson in his or her absence.
 - 2. Coordinate preparation of Resources and Infrastructure priorities with the Chairperson to be submitted to the CCSD staff.
 - 3. Attend Executive Committee meetings as needed.
- C. The Secretary shall:
 - 1. Record the minutes of the meetings, ensuring the accuracy of when, how and by whom the Committee's business was conducted. Minutes are recorded in written form as well as by audio recording.
 - 2. Include at a minimum: The date, time and location of the meeting; a list of the Committee members present and absent; a record of reports presented and by whom; the text of motions presented and description of any action taken; list of items being considered for future agenda; time of meeting adjournment. Minutes

should have enough information to enable absent Committee members, and the public, to understand what issues were discussed and the decisions made.

3. Submit the draft written minutes and audio recording to the CCSD staff for the record.

V. Agenda Procedure

A. Resources and Infrastructure Regular Meetings:

1. The Resources and Infrastructure Committee shall meet within the jurisdictional boundaries of the CCSD except in an emergency.
2. Members of the Committee shall provide input on the agenda to the Chairperson.
3. Chairperson and Vice Chair shall develop the draft agenda with the CCSD staff.
4. CCSD staff shall prepare the final agenda, attachments, and emails to all Resources and Infrastructure Committee members. Agendas are distributed to an agenda distribution list.
5. CCSD staff shall post agendas at the CCSD Administrative Office, Veteran's Memorial Hall, and the Cambria Public Library.

VI. Ad Hoc Committees

The Committee shall appoint Ad Hoc committees as may be deemed necessary or advisable. The duties of an Ad Hoc committee shall be outlined at the time of the appointment, and an Ad Hoc committee shall be considered dissolved when its final report has been made.

VII. Committee Procedures

- A. The Committee shall meet on the third Tuesday of each month unless otherwise publicly noticed 72 hours in advance. The Committee may call public-noticed special meetings as needed.
- B. A majority of the Committee members shall constitute a quorum.
- C. All Committee meetings shall be conducted by laws governing open meetings and public participation.

- D. The CCSD Board shall appoint Staff liaison to the Committee for the purpose of improving the flow of communication between the entities.
- E. The CCSD General Manager, or his/har designated representative(s), shall assist the Committee as Staff to the Committee.
- F. After two consecutive unexcused absences of a committee member, the Committee, by a majority vote, may recommend to the CCSD Board the dismissal of said Committee member.
- G. Should a Committee member disrupt Committee meetings, or participate in behavior contrary to the charges and responsibilities of the Committee, the Committee, by a majority vote, may recommend to the CCSD Board the removal of said Committee member.
- H. Committee members desiring to resign shall submit a letter of resignation to the Committee Chairperson and this shall be forwarded to the CCSD Board.
- I. Each committee member shall be appointed for a two-year term in concurrence with the CCSD Board of Director elections. Committee members shall be asked to declare their intent to continue service yearly. When committee members decide to terminate service the remaining committee members shall recommend community members to be voted on by the CCSD Board of Directors.

VIII. Parliamentary Authority

The rules contained in the current edition of ROBERT'S RULES OF ORDER, *Newly Revised*, shall govern the Committee in all cases to which they are applicable and in which they are not consistent with these Bylaws, any special rules of order the Committee may adopt and statutes applicable to this Committee that do not authorize the provisions of these laws to take precedence.

IX. Amendments to Bylaws

The Bylaws may be amended by majority vote at any regular meeting of the Committee provided that written notice of the proposed changes is mailed to each member of the Committee no less than one week in advance. Changes must be approved by the CCSD Board.

Zoom Meeting

+Agenda 3/30/20 Meeting with Supervisor Gibson, CCSD Director R&I Chairperson Dave Pierson, Cambria Resources and Infrastructure Ad Hoc committee members

Paul Nugent and Jim Webb.

Offsite Water Storage -The Cambria Community Services District has formed an ad hoc sub-committee , as part of the Resources and Infrastructure standing committee to investigate off site water storage concepts for Cambria, CA.

1. Review regional projects: water and wastewater
 - a. San Simeon joint meeting take away
 1. status of Cambria WWTP, Emergency Water Project
 2. San Simeon WWTP, CCC mandate
 3. Regional WWTP proposal
2. Off site storage concepts
 - a. Warren reservoir
 - b. Whale Rock/ Nacimiento exchange
 1. Is there a Cambria allocation from Nacimiento?
 2. Diablo Canyon deSal potential
 - c. Roughing up the watershed
 1. Santa Rosa creek project status
 - d. Tanks
 - e. Laguna Estrada
 - f. Forest Management

Dear Tom,

The Resources and Infrastructure ad hoc sub-committee recently met with SLO county supervisor Bruce Gibson to discuss “off site water storage” concepts for Cambria. I will attempt to summarize some of those discussions to follow.

Mr. Gibson noted that ranking water storage concepts must be predicated upon the answer to the question of how much water is to be stored. His impression was that the need in Cambria, post Emergency Water Supply efforts, is small; concepts that involved lengthy piping runs were prohibitively expensive for the quantities of water being considered. This characterized the Lake Nacimiento ‘allocation’, Whale Rock reservoir and Diablo Canyon desal operation as applied to Cambria.

Mr. Gibson also noted that the current number of acre feet Cambria is allowed to pump from both Santa Rosa and San Simeon Creeks is more than its typical annual use. If the “wait list” of people wanting to build in Cambria was built out, at current water use levels, the total use would still be within the creek allowances. However, future needs may vary, due to climate change or varying use patterns, and systemic “resilience” in light of these fluctuations is sought. Projects that might further this goal were discussed briefly.

The Warren reservoir site was discussed as was the possibility of adding some tanks to the CCSD’s San Simeon operations. Sizing considerations were vague due to many unknown factors, not the least of which was the expected yield of water from Cambria’s Emergency Water systems operation. The travel time requirement for treated wastewater introduces a yield uncertainty as the final product water is injected into the San Simeon aquifer where some of it should migrate towards municipal well fields. The original specifications for yield supposed that a unit capable of pumping 250 af/yr would be sufficient to meet anticipated needs when added to current water allocations. This assumed that 60% of the injected water would be accessible to municipal wells.

The Emergency Water system has only publicly been run to verify tracer travel times and only during traditionally higher well levels. It would take accurate water production yield information to begin planning for storage needs and capabilities.

Mr. Gibson commented on the regional possibility of combining San Simeon and Cambria’s Waste Water Treatment plants noting recent CCC rulings, lack of siting availability in San Simeon, sea level rise and benefits of a ‘water recycling plant’ for treated wastewater adding system resiliency. Timing was not imminent. Mr. Gibson also noted that he saw few if any alternatives to a BRP (Build Out Reduction Plan) when Cambria begins to grow. He offered his continued help in analyzing local issues and offered to meet again.

It would seem that running the EWF during what are typical seasonal dry months would allow assessment of both yield and impacts on the San Simeon creek lagoon under typical

running operations. The data generated could inform seasonal storage needs which this sub-committee continues to investigate.

Your thoughts and guidance are appreciated. Best regards,

JIM WEBB

Jim Webb

A	B	C	D	E	F	G
1	Wastewater CIP - Capital Improvement Program (Revised 4/1/2020 - For Discussion Only)					
2	Wastewater Projects	Ranking	Project Cost	10-Yr Cost	Actual Cost	Notes
3	FY	Wastewater Treatment Plant Projects in SST				
4	19-20	Investment Grade Audit (30% Design for all ECMs)	SST	\$ 160,000	\$ 688,404	Added 2/26
5		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	
6		Secondary Water System (3W) Improvements (ECM 10) - Submersible pumps, hydrpneumatic tank, demo, electrical/I&C	SST	\$ 185,000	\$ 185,000	
7		Sewer Lift Stations (ECM 12) - Lift Station B1, Lift Station B4, Electrical/I&C	SST	\$ 3,945,000	\$ 3,945,000	
8		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	
9		Modified Ludzak-Ettinger Process Upgrade (ECM 3) - MLE conversion based on Carollo 2015 Study minus VFD costs; header repair	SST	\$ 853,750	\$ 853,750	
10		Influent Flow Equalization (ECM 1) - New or refurbished EQ tanks based on Carollo 10% design	SST	\$ 1,060,000	\$ 1,060,000	
11		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	
12		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	
13		SCADA System (ECM 9) - New SCADA system based on Carolla 10% Design	SST	\$ 721,250	\$ 721,250	
14		Backup Power (ECM 8) - 365 kW NG Generator; Demo; Propane backup	SST	\$ 497,500	\$ 497,500	
15		Blower System Improvements (ECM 4) - Replace 2 blowers; duct replacement	SST	\$ 1,345,000	\$ 1,345,000	
16		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	
17		Subtotal		\$ 12,037,500	\$ 12,565,904	
18		Treatment Plant Projects Not in SST				
19	18-19	Replace Digester Catwalks	1	\$ 45,000	\$ 45,000	\$ 43,720
20	18-19	Influent screen, support platform design, & installation	1	\$ 164,509	\$ 164,509	\$ 156,675
21		Clarifier Repairs (replace eastern drive unit's metallic hubs with non-corrosive hubs)	1	\$ 35,000	\$ 35,000	
22		Subtotal		\$ 244,509	\$ 244,509	\$ 200,395
23		Collection System Projects				
24		Lift Station B-2 (Wood Dr./E. Lodge Hill) new control panel at grade el.	1	\$ 425,000	\$ 425,000	
25		Lift Station B-3 (Green St./W. Lodge Hill) new control panel	1	\$ 250,000	\$ 250,000	
26		Lift Station 4 (DeVault Pl/Seaclift Estates) VFDs /new elect panel & 3 phase pump motors	1	\$ 85,000	\$ 85,000	
27		Lift Station A (Nottingham & Leighton/Park Hill) new submersible pumps, MCC, bypass piping	1	\$ 400,000	\$ 400,000	
28		Lift Station A (Nottingham & Leighton/Park Hill) control panel at grade el	1	\$ 90,000	\$ 90,000	
29		Lift Station A-1 (Sherwood & Harvey/Marine Terrace) submersible pumps, bypass piping	1	\$ 265,000	\$ 265,000	
30	19-20	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) MCC, SCADA improvements	1	\$ 45,000	\$ 45,000	\$ 50,835
31		Subtotal		\$ 1,560,000	\$ 1,560,000	\$ 50,835
32		Lift Station B improvements (SR Creek/behind Park Hill) new control panel	2	\$ 75,000	\$ 75,000	
33		Lift Station B - new wet well, submersible pumps, and valve vault (placeholder	3	\$ 300,000	\$ 300,000	
34		Collection System Assessment software (E.g, t4 Spatial or other)	3	\$ 10,000	\$ 10,000	
35		Annual Collection System Assessment/engineering for repairs (extended number of years - SSMP has this occurring over 10 yrs)	3	\$ 30,000	\$ 300,000	
36		Lift Station B-3 (Green St./W. Lodge Hill) submersible pumps, MCC, bypass piping	3	\$ 250,000	\$ 250,000	
37		Lift Station B - replace existing generator	3	\$ 60,000	\$ 60,000	
38		Subtotal		\$ 650,000	\$ 920,000	
39		Annual SCADA System Maintenance or Upgrades - Collections System	4	\$ 25,000	\$ 25,000	
40		Collection System smoke testing	4	\$ 50,000	\$ 50,000	
41		Subtotal		\$ 75,000	\$ 75,000	

A	B	C	D	E	F	G
1	Wastewater CIP - Capital Improvement Program (Revised 4/1/2020 - For Discussion Only)					
2	Wastewater Projects	Ranking	Project Cost	10-Yr Cost	Actual Cost	Notes
42	Vehicles and Trailer- Mounted Equipment					
43	19-20	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	
44	18-19	F-350 Service Truck with Crane Body	1	\$ 57,040	\$ 57,040	\$ 56,540
45	19-20	Vactor truck - replace with new \$430K truck that meets emission requirements (7 yr loan @ 4.5%)	1	\$ 518,000	\$ 518,000	\$ 402,435
46	19-20	Replacement Rack Truck (F-150)	-	\$ -	\$ -	\$ 24,193
47		Subtotal		\$ 625,040	\$ 625,040	\$ 483,168
48	Non-CIP Wastewater Projects					
49	Major Maintenance					
50	18-19	Paint Digester Handrails	1	\$ 15,000	\$ 15,000	\$ 17,000
51		Cleaning of aeration basins (after screen installation)	1	\$ 20,000	\$ 20,000	
52		Cleaning of pipelines from headworks to aeration tanks (after screen installation), including cleanout additions	1	\$ 10,000	\$ 10,000	
53		Annual Collection System Repairs to reduce I/I & damaged pipe sections	1	\$ 50,000	\$ 500,000	
54		Annual manhole raising due to street overlays & roadway work/Manhole cover replacements	1	\$ 10,000	\$ 100,000	
55		Subtotal		\$ 105,000	\$ 645,000	\$ 17,000
56		Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2	\$ 40,000	\$ 40,000	
57		Eastern clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2	\$ 40,000	\$ 40,000	
58		Repainting of WWTP	2	\$ 30,000	\$ 30,000	
59		Repainting of lift station facilities	2	\$ 10,000	\$ 10,000	
60		Subtotal		\$ 120,000	\$ 120,000	
61		Seal coat AC pavement at WWTP	4	\$ 65,000	\$ 65,000	
62	Annual Inspections and Reserves					
63		Annual manhole inspections and report on needed corrections (approx. 20% of system/yr)	1	\$ 40,000	\$ 400,000	
64		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	
65		Five-Year Replacement and New PCs for operators (Initial purchase and then build reserves)	1	\$ 10,000	\$ 20,000	
66		Vehicle Replacement Program (Annual reserves)	1	\$ 25,000	\$ 250,000	
67		Portable equipment replacement program - backhoes, generators and pumps (Annual reserves)	1	\$ 15,000	\$ 150,000	
68		Subtotal		\$ 140,000	\$ 1,320,000	
69				Grand Total	\$ 18,215,453	\$ 751,398
70	Budgeted for FY 2019-2020			Priority 1 Total	\$ 4,394,549	\$ 751,398
71	Completed			Priority 2 Total	\$ 195,000	
72	In Progress			Priority 3 Total	\$ 920,000	
73	Not Started			Priority 4 Total	\$ 140,000	
74				SST Total	\$ 12,565,904	

A	B	D	E	F	G	H
Water CIP - Capital Improvement Program (Revised 4/1/2020 - For Discussion Only)						
		Ranking	Project Cost	10 yr Cost	Actual Cost	Notes
FY	Water Distribution System Projects					
19-20	Pressure Zone 2 to Zone 7 transmission main replacement @ SR Creek pedestrian bridge	1	\$ 120,000	\$ 120,000	\$ 4,471	In Permitting
19-20	Water Meter Replacements & Upgrades (phased)	1	\$ 186,000	\$ 1,050,000	\$ 500	Developing RFP
6	Piney Way erosion control inspection report and follow-up protection efforts for existing pipeline	1	\$ 10,000	\$ 10,000		
	Priority 1 Subtotal		\$ 316,000	\$ 1,180,000	\$ 4,971	
	Subzone metering of distribution system	2	\$ 150,000	\$ 150,000		
	Replacement of problematic service lines within Leimert	3	\$ 130,000	\$ 130,000		
	Water Master Plan Amendment (revised fire flow modeling/tank sizing check)	3	\$ 35,000	\$ 35,000		
	Priority 3 Subtotal		\$ 165,000	\$ 165,000		
	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		
	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					
19-20	SCADA System - Long-term Water Portion	1	\$ 250,000	\$ 250,000	\$ 49,457	Phase 1 Done
	Stuart Street Tank Replacement (125K gallon welded steel tank with new foundation)	2	\$ 458,000	\$ 458,000		Recategorized 2/26
	Electrical transfer switch and conduit to well SS-3	2	\$ 25,000	\$ 25,000		
19-20	San Simeon well field generator replacement	2	\$ 100,000	\$ 100,000	\$ 50,449	
	Priority 2 Subtotal		\$ 583,000	\$ 583,000	\$ 50,449	
	Rodeo Grounds Pump Station Replacement (aka Zone 2 Booster pump station)	3	\$ 1,016,000	\$ 1,016,000		
	Vehicles and Trailer-Mounted Equipment					
18-19	Replacement Dump Truck	1	\$ 76,000	\$ 76,000	\$ 74,871	
18-19	Trailer-Mounted Air Compressor	2	\$ 15,000	\$ 15,000	\$ 22,557	
18-19	Trailer-Mounted Vacuum Extractor	2	\$ 48,000	\$ 48,000	\$ 46,169	
	Priority 2 Subtotal		\$ 63,000	\$ 63,000	\$ 68,726	
	Non-CIP Projects					New Section 2/26
	Major Maintenance					
	Annual Water pipelines, pumps, and PRV repairs and replacements	3	\$ 50,000	\$ 500,000	\$ 19,126	Recategorized 2/26
	Valve Replacements	3	\$ 20,000	\$ 20,000		Recategorized 2/26
	Priority 3 Subtotal		\$ 70,000	\$ 520,000	\$ 19,126	
	Water conservation					
	Database for water conservation program/tracking with parcel links & APN file conversion	1	\$ 10,000	\$ 10,000		
	Annual Inspections & Reserves					
	Annual GIS updating & upgrades	1	\$ 10,000	\$ 100,000		Recategorized 2/26
	Vehicle Replacement Program Reserves (Accumulate Funds)	1	\$ 25,000	\$ 250,000		
	Contingency/reserves (Accumulate Funds)	1	\$ 15,000	\$ 150,000		
	Priority 1 Subtotal		\$ 60,000	\$ 510,000		
	Grand Total		\$ 4,619,000	\$ 267,600		
			Priority 1 Total	\$ 1,940,000	\$ 129,299	
			Priority 2 Total	\$ 733,000	\$ 119,175	
			Priority 3 Total	\$ 1,701,000	\$ 19,126	
			Priority 4 Total	\$ 245,000		
SWF CIP - Capital Improvement Program (Revised 4/30/2019 - For Discussion Only)						
		Ranking	Project Cost	10 yr Cost	Actual Cost	
	Permitting					
	EIR consulting (follow up agency discussions to support the SWF's Regular CDP)	1	\$ 28,609	\$ 28,609		Increased cost 2/26
19-20	Section 7 ESA consulting, annual AMP report, & AMP update	1	\$ 100,000	\$ 100,000	\$ 40,487	
	Priority 1 Subtotal		\$ 128,609	\$ 128,609	\$ 40,487	
	Interim, short-term SWF Modifications					
18-19	Short-term flood damage mitigation	1	\$ 10,000	\$ 10,000	\$ 12,566	Recorded as M&R
18-19	Hauling of last 18" of water and cleaning impoundment	1	\$ 35,000	\$ 35,000	\$ 94,515	
	Modifications to facilitate off-hauling RO waste (secondary containment, grading, rock, purchase tanks)					
19-20	a) Secondary Containment, Grading, Rock	1	\$ 20,000	\$ 20,000	\$ 473	Recorded as M&R
19-20	b) Tank purchase	1	\$ 80,000	\$ 80,000	\$ 27,563	
	Priority 1 Subtotal		\$ 145,000	\$ 145,000	\$ 135,118	
	Advanced Water Treatment Plant					
	Miscellaneous instrumentation / monitoring upgrades	2	\$ 10,000	\$ 10,000		
19-20	Filters / membrane replacements and build reserves for future	2	\$ 60,000	\$ 120,000	\$ 59,639	Revised 2/26
	Priority 2 Subtotal		\$ 70,000	\$ 130,000	\$ 59,639	
	Long-Term Improvement Modifications					
	Consulting assistance for coordination with Army Corps on WRDA grant (meetings, redefine work plan, & update scope of work)	1	\$ 40,000	\$ 40,000		
	Future permanent mods at SWF for trailer fill station [transfer tanks, piping, & spill containment/loading pad] (1,2)	2	\$ 200,000	\$ 200,000		
	AWTP pull-barn style covers for outdoor equipment & control panels (1,2)	2	\$ 50,000	\$ 50,000		
	Priority 2 Subtotal		\$ 250,000	\$ 250,000		
	Sems, Hach WIMS, or custom programmer for logging/reporting software and tablets (yr 1 is software/programming assistance)	3	\$ 25,000	\$ 25,000		
	Installation of remote sensing instrumentation at SS creek (needs access agreement with State Parks)	3	\$ 10,000	\$ 10,000		
	Solar Array System (1,2)	3	\$ 375,000	\$ 375,000		
	Priority 3 Subtotal		\$ 410,000	\$ 410,000		
	Grand Total		\$ 1,103,609	\$ 235,244		
	Budgeted for FY 2020					
	Completed		Priority 1 Total	\$ 313,609	\$ 175,605	
	In Progress		Priority 2 Total	\$ 380,000	\$ 59,639	
	Not Started		Priority 3 Total	\$ 410,000		
			Priority 4 Total	-		