INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Tuesday, October 30, 2018 - 10:00 a.m. to 12:00 p.m.
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 Committee on any item of interest within the jurisdiction of the Committee but not on its agenda today. 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. Speaker slips (available at the entry) should be submitted to the District Clerk.

2. CONSENT AGENDA

A. Consideration to Approve the October 9, 2018 Regular Meeting Minutes

3. REGULAR BUSINESS

A. Discussion and Consideration Regarding the Tyler Incode Asset Management Module, Description, Price and Data Set that Supports It

B. Discussion and Consideration to Identify CIP Priorities

4. FUTURE AGENDA ITEMS

5. ADJOURN

INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Tuesday, October 9, 2018 - 10:00 a.m. to 12:00 p.m.
1000 Main Street Cambria, CA 93428

MINUTES

A. CALL TO ORDER

Chairman Bahringer called the meeting to order at 10:03 a.m.

B. ESTABLISH QUORUM

A quorum was established.

Committee members present: Jim Bahringer, Karen Dean, Harry Farmer and Donn Howell.

Committee members absent: Mike Lyons.

Staff present: Acting General Manager Monique Madrid, Finance Manager Pamela Duffield, District Engineer Bob Gresens, Management Analyst Melissa Bland and Deputy District Clerk Haley Dodson.

Public present:
Leslie Richards
Crosby Swartz
Laura Swartz
Tom Laycook
Paul Nugent
Tom Gray
Cindy Steidel

C. CHAIRMAN'S REPORT

There was no Chairman's report.

1. PUBLIC COMMENT

Public Comment: None.

2. CONSENT AGENDA

A. Consideration to Approve the September 11, 2018 Regular Meeting Minutes

Vice Chair Dean thanked Haley Dodson for the minutes.

Vice Chair Dean moved to approve the meeting minutes.

Committee member Howell seconded the motion.

The motion was approved: 4-Ayes (Dean, Howell, Bahringer, Farmer), 0-Nays, 1-Absent (Lyons)

Public Comment:
Leslie Richards: Is the District Engineer retiring in a month?

Mr. Gresens responded that he's looking into his options.

Ms. Madrid introduced Finance Manager Pamela Duffield.

3. REGULAR BUSINESS

A. Discussion and Consideration of Structure of Infrastructure Standing Committee

Chairman Bahringer introduced the item.

Committee member Howell stated there's benefits to a 7-9 member committee. The committee members could talk among themselves and work on issues. The problem is the more people we add, the harder it will be to find people to participate. It's good to have one board member. I don't see a problem with two board members. The three other board members could appoint two people, and it would be a way to preserve the makeup of the committee. A group of 5 is ideal for collaboration but in terms of this discussion, a larger number isn't unreasonable. We need more than what we have.

Vice Chair Dean agrees with Committee member Howell. It's important to have board member on the committee as a liaison to the rest of the board and the board has more information than the rest of the committee.

Committee member Farmer stated Committee member Howell's comments were accurate. If we have more people, they will be able to provide expertise, time and energy. The infrastructure needs are so important at this point and time.

Chairman Bahringer would like to come up with a solution and present it like PROS and BRPCC did. Each director could appoint a person to act as the committee. If you need additional help, you can solicit from the public. If the Infrastructure Committee were a subcommittee of the Finance Committee, you could have 10 people as a subcommittee. It would be easier on Haley and the public.

Public Comment:
Laura Swartz: I sat on the BRPCC for 21 months. It would have been helpful if a board member was on the committee. I don't think the board member should be the chair or vice chair. You need a board member as a liaison and to contribute to what's going on with the board.

Chairman Bahringer stated it would be beneficial to be a liaison and not a voting member of the body. The committee should present this to the board. It could save the district $200 a month.

Committee member Howell stated the committee could have a combination of ex officio members. It leaves us with 5 people subject to the brown act. Another possibility is the board members not on the committee could have two votes, appoint 7 people and the board can approve it. This would allow 3 people to work together on their own.

Chairman Bahringer stated this is a compromise and I like that approach. I like the ex officio option and the smaller group of 7 people.

Vice Chair Dean responded I like the idea. We are tasked with what's on the CIP list. We had a Wastewater Treatment Plant tour. Are we going to be able to do another tour on the lift station? The rule is we can only communicate through the general manager. At the moment we are not allowed to contact staff.

Chairman Bahringer responded special districts are setup like this in California. As a courtesy, the general manager would ensure that staff doesn't have competing proprieties, prior to conducting a tour.

Ms. Madrid responded I'm interested in making that happen. If the entire committee wants to attend, we need to agendize it.

Mr. Gresens stated he's a supervisor over John and Jason and would be happy to accommodate any tours.

Chairman Bahringer will suggest to the board to expand the committee to 7 and a slate of appointees could be presented at the January meeting. If the slate is approved, we move forward. The board needs to discuss board members on the committee. The ex officio is a liaison and more independent.

Committee member Howell agrees with Chairman Bahringer, but with the amendment that the recommendation should include one or two board members as ex officios.

Ms. Madrid asked the committee if anyone be willing to take minutes?

Vice Chair Dean said the BRPCC had Haley taking minutes.

Committee Member Howell stated the person taking the minutes is so busy taking minutes.

Ms. Madrid stated we will provide a staff member.

B. Discussion and Consideration Regarding Naming the Sustainable Water Facility (SWF)

The committee would like to advise the Board that there's no need to make official recommendation at this time.

C. Discussion and Consideration Regarding the Tyler Incode Asset Management Module, Description, Price and Data Set that Supports It

Committee member Howell gave a brief update on the Tyler Incode module. We are looking at the asset tracking issue. I wanted to explore if it was reasonable to continue using KeepTrak. The quote is $1200 to implement and $582 a year to support. It does a great deal. He read the description of the module to the committee.

Mr. Gresens provided KeepTrak information to the committee (attached). I would need to talk to Tyler Incode regarding the work order.

Chairman Bahringer stated Mr. Gresens uses KeepTrak to know when to turn or record valves. This is asset management. We don't have the barcode scanning technology as it states in the module. I like the fact it's cheaper and possibility consider buying it within a year. KeepTrak is working well.

Mr. Gresens stated there are better systems out there.

Committee member Howell stated it will take time and resources to implement new software. I wouldn't recommend going forward with ordering another module, unless we get an idea with how to proceed. Tyler Incode offers interfacing, so data can be imported and exported. It would be nice if work can commence on inventory and we should continue with KeepTrak. If it looks like a good idea after working with Tyler Incode, the board can elect to go forward with it. It's worth continuing.

Public Comment:
Cindy Steidel: Is there an embedded report writer combability?

Ms. Madrid responded that we can investigate it.

Committee Member Howell stated if the committee desires, I can look into it.

The committee agreed.

Public Comment:
Tom Gray: This may be something to refer to the finance committee.

Committee member Howell stated software is infrastructure and it's suitable for this committee to do this.

Chairman Bahringer stated that Committee member Howell will track it.

Committee member Farmer stated this is something I'm totally incompatible of comprehending. I'd like to thank Dave Pierson for appointing Donn Howell.

D. Discussion and Consideration Regarding Adding an Additional Ad Hoc Committee for Water Resourcefulness

Chairman Bahringer stated this item was added by President Rice at the regular board meeting. Director Farmer wants the committee to consider adding these additional Ad Hoc Committees. I recommend we hold off on this item until the 7-member group is formed and then we charter the board to delve into the policy and implementation of water resourcefulness.

Committee member Farmer said the state is focused on efficient use of water available. This is the direction we should go in. Ultimately finding the most efficient way to use water in this community and the way we can get grant funding. If we formed two subcommittees, this would be the best way to move forward.

Ms. Madrid asked what the status of the water use efficiency plan?

Mr. Gresens responded we did complete a water use efficiency plan and it's available on our website.

Chairman Bahringer stated the Infrastructure Committee would like to form a subcommittee and once there's 7 members, we can move things forward.

4. FUTURE AGENDA ITEMS

There were no future agenda items.

5. ADJOURN

Chairman Bahringer adjourned the meeting at 11:26 a.m.

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Incode Fixed Assets

Tyler's Incode Fixed Assets is a comprehensive asset management solution designed specifically for the public sector. It provides organizations a powerful tool for tracking and reporting on all fixed assets throughout the life cycle. As an added convenience, assets acquired through other integrated Incode Financial modules can be automatically posted to Fixed Assets. This module reduces duplicate data entry and sets the standard for complete financial integration with automated tracking, management, accounting, and reporting of assets.

Information & Reports

- Tracks assets for multiple funds, departments, and locations.
- Tracks detailed information for an asset such as insurance policies, acquisition and disposition details, and maintenance-related details such as asset condition, warranty, repairs, and maintenance contracts.
- Tracks improvements or additions to existing assets.
- Offers multiple methods for depreciation reporting (Straight Line, Declining Balance, Double Declining Balance, Modified Accelerated Cost Recovery, and more).
- Generates a range of master file reports through flexible reporting.
- Transfers data selectively to remote users through a mobile device interface for easy location verification and updates asset data using barcode scanning technology.
- Links specified assets to Incode Work Orders for preventative maintenance.

Transaction Efficiency

- Manages assets by their original serial number or through the use of a defined tag number.
- Tracks multiple user-defined asset classes automatically.
- Establishes relationships between individual asset records through the use of asset types.
- Creates a new asset based on an existing record using the built-in copy function.
- Gives users multiple options for selecting assets for depreciation calculation.
- Records the transfer of assets. This process automates the transfer of assets from one fund to another, including the appropriate transfer of Incode General Ledger information.
- Automates the asset disposal process, including calculation of gain or loss on asset sales, and creates all necessary transactions to properly record asset disposal in the Incode General Ledger.

...continued on reverse

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—Debbie Fransen, Heritage Ranch Community Services District, CA

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Incode Fixed Assets

User Friendly

- Provides efficient, comprehensive system integration.
- Gives users the ability to review and evaluate items posted to Fixed Asset G/L accounts in a preliminary asset file to determine proper accounting treatment.
- Delivers code-driven information tracking capabilities, fostering consistency in data entry and greater flexibility in report generation.
- Captures multiple user-defined data elements through use of comment codes.

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Quoted By: Kip Winget
Quote Expiration: 3/12/2019
Quote Name: Cambria CSD- FA
Quote Number: 2018-57290
Quote Description:

Sales Quotation For
Cambria Community Services District
PO Box 65
Cambria , CA 93428-0065
Phone: +1 (805) 927-6223

Tyler Software and Related Services - SaaS		One Time Fees				
Description		Impl. Hours	Impl. Cost	Data Conversion	# Years	Annual Fee
Financial Management Suite						
Fixed Assets		12	$1,200	$0		$582
Tyler Hosted Applications						
Hosting User Fee		0	$0	$0		$0
	Sub-Total:		*$1,200*	*$0*		*$582*
	TOTAL:	**12**	**$1,200**	**$0**	5	**$582**

Summary	One Time Fees	Recurring Fees
Total Tyler SaaS	$0	$582
Total Tyler Services	$1,200	$0
Total Third Party Hardware, Software and Services	$0	$0
Summary Total	**$1,200**	**$582**

CAMBRIA COMMUNITY SERVICES DISTRICT

P.O. Box 65 • Cambria, CA 93428 • Telephone: (805) 927-6223 • Fax: (805) 927-5584

DATE: October 24, 2018

TO: Infrastructure Committee

FROM: Bob Gresens, Cambria Community Services District

RE: CIP Sheets Showing Proposed 2nd Half FY 2018/2019 Project Costs

The attached Wastewater, Water, and SWF CIP summary sheets have been updated based on discussions with each department supervisor on their greatest need, the need to freeze expenditures (per a September 19, 2018 communication to staff), as well as the estimated increase in revenues from November 1, 2018 to June 30, 2019. For increased revenue estimates, we used the attached summary from item 3.C of the October11, 2018 Finance Committee meeting. The target maximum capital expenditures for the remainder of the fiscal year are summarized by department in the following table.

Department	8 months of increased revenue	Existing Deficit	Net 8 month increase in revenue
Wastewater	$240,000	($27,722)	$212,278
Water	$320,000		$320,000
SWF	$76,000	($414,751)	($338,751)

In developing the changes to the attached CIP summary sheets, the following CIP projects and/or major equipment items were identified as priority needs by wastewater.

Project/Equipment Item	2nd Half FY 18/19 Cost
Lift Station 9 power supply	$5,000
Replacement ¾ ton pickup with crane	$6,000
Sewer Cleaning (aka Vactor, or equal) Truck Replacement	$50,000
Sewer Inspection TV camera	$50,000
Painting of digester hand railings	$15,000
Lift Station A1 control panel upgrade	$65,000
Manhole lid replacements	$20,000
Total	**$211,000**

To stay within the $212,278 maximum, loans were assumed for the replacement ¾ ton pickup truck, as well as the sewer cleaning truck. It was also assumed that other wastewater improvements would not be included in the total due to an ongoing PG&E program

assessment of the proposed plant improvements. The PG&E turnkey program may offer financing, which is still to be defined.

The following CIP projects and/or major equipment items were identified as priority needs for the SWF.

Project/Equipment Item	2nd Half FY 18/19 Cost
Consulting services to assist on regular CDP	$10,000
Miscellaneous instrumentation/monitoring upgrades	$10,000
Total	**$20,000**

The following CIP projects and/or major equipment items were identified as priority needs for Water.

Project/Equipment Item	2nd Half FY 18/19 Cost
Water meter replacements & upgrades	$50,000
Rodeo Grounds Pump Station replacement (preliminary engineering)	$25,000
Replacement of Problematic Leimert Service Lines	$10,000
Pressure Zone 2 to Zone 7 Transmission Main @ SR Creek pedestrian bridge	$120,000
Total	**$205,000**

We are hopeful this helps stimulate further discussion as we strive to balance estimated revenue increases against each department's capital expenditure priorities.

Wastewater CIP - Capital Improvement Program (Revised 10/25/2018 - For Discussion Only)

		Expansion [X], Replacement [R] Operations [O]	% X	% R	% O	Priority Ranking	Budget Year 1st Half FY18/19	2nd Half FY18/19	Projected FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	Total	Check of total
	Wastewater Projects																	
	Wastewater Treatment Plant Projects																	
1	Influent screen, support platform design, & installation	R/O	**20**	80		1	$ 164,509										$ 164,509	
2	Design & install switch between WWTP's main incoming power transformer supply & existing MCC		**20**	80		1		$ 75,000									$ 75,000	
3	Neutral wire installation from PG&E-provided delta to wye main replacement transformer to main MCC	**R**	**20**	80		1		$ 20,000									$ 20,000	
4	Replace WWTP main power supply breaker and auto-transfer switch; (or, do project 5B.)	R	**20**	80		1			$ 30,000								$ 30,000	
5	Replace main incoming power Motor Control Center with Y-configuration supply; (or, do project 5A)	**R**	**20**	80		1			$ 300,000								$ 300,000	
6	WWTP Update BNR Modeling Update & Value Engineering (early half of FY)	X/R/O	**20**	20	80	1		$ 40,000									$ 40,000	
7	Aeration tank baffles, anoxic mixers, & ML recirc system (later half of FY)	**R/O**	**20**	80		1		$ 40,000	$ 80,000								$ 120,000	
8	Replace digester catwalk handrailings (painting is not included, & is to be funded from 6032T, WWTP maintenance & repair)	R	**20**	80		1	$ 45,000										$ 45,000	
9	Plant non-potable 3W improvements & non-potable sprays for screw press		**20**	80		1			$ 15,000								$ 15,000	
10	Improve grit tank hydraulic capacity (placeholder, insert approx $10K cost if needed)	**X/R/O**	**20**	20	80	1											$ -	
11	Replace effluent punp (southern pump)		**20**	80		1		$ 25,000									$ 25,000	
12	Effluent P.S. bypass piping		20	**80**		1			$ 20,000								$ 20,000	
13	Miscl WWTP lab upgrades & investment in electronic self-monitoring reporting			20	80	1		$ 10,000	$ 10,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 41,000	
14	Incoming power supply monitoring & conditioning system (8/24/2018 ElSpec Quote + 25K estimate to install)	R	**20**	80		2		$ 61,105									$ 61,105	
15	Automate aeration D.O. control system (CVs at air headers, press control @ main air header, new DO probes)	X/R/O	**20**	20	80	2		$ 50,000	$ 100,000								$ 150,000	
16	Upgrade/replace aeration blowers	**X/R/O**	**20**	20	80	2		$ 30,000	$ 150,000								$ 180,000	
17	Blower electrical room air filtration/conditioning for moisture & corrosion control		**20**	80		2			$ 10,000								$ 10,000	
18	Replace main WWTP backup power generator		**20**	80		2				$ 200,000							$ 200,000	
19	Repair or replace protective surge tank for plant effluent pipeline		**20**	80		2			$ 25,000								$ 25,000	
20	Annual electrical & instrumentation improvements	X/R/O	20	**20**	80	2		$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000				$ 360,000	
21	SCADA System - WWTP - long-term improvements	**X/R/O**	**20**	20	80	2		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 225,000	
22	Cathodic protection replacements at digesters	**R**	**20**	80		3				$ 10,000							$ 10,000	
23	Long-term plant upgrades - new sludge digester, flow equalization improvements, denite/phosphorous removal		**20**	80		3				$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000			$ 1,500,000	
24	Demo and remove old flow equalization tanks in SW corner of plant				100	3			$ 40,000								$ 40,000	
25	Paint Handrails							$ 15,000										
	Collection System Projects																	
26	Manhole raising due to street overlays & roadway work		**20**	80		1		$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 90,000	
27	Lift Station A (Nottingham & Leighton/Park Hill) new control panel at grade el.	X/R/O	20	**20**	80	1		$ 10,000	$ 80,000								$ 90,000	
28	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) new control panel at grade el.	X/R/O	20	**20**	80	1		$ 65,000									$ 65,000	
29	Lift Sation B improvements (SR Creek/behind Park Hill) new control panel	**X/R/O**	**20**	20	80	1											$ -	
30	Lift Station B - new wet well, submersible pumps, and valve vault (placeholder)	X/R/O	20	**20**	80	1						$ 300,000					$ 300,000	
31	Lift Station B-1 (Village Ln/Tin City) relocate away from Feb 2017 landslide area (potential 50% FEMA 406 funding)	X/R/O	20	**20**	80	1			$ 300,000								$ 300,000	
32	Lift Station B-2 (Wood Dr./E. Lodge Hill) new control panel at grade el.	**X/R/O**	**20**	20	80	1			$ 75,000				$ 35,000	$ 315,000			$ 425,000	
33	Lift station 9 - replace corroded main incoming power breaker			**100**		1		$ 5,000									$ 5,000	
34	SCADA System - Collections System - long-term improvements	X/R/O	**20**	20	80	2		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 225,000	
35	Collection System smoke testing				100	2		$ 50,000									$ 50,000	
36	Annual manhole inspections and report on needed corrections (approx. 20% of system/yr)				100	2		$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000					$ 200,000	
37	Collection System Phased televising & cleaning	**R/O**			100	2		$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000					$ 500,000	
38	Collection System Assessment software (E.g, t4 Spatial or other)				100	2		$ 10,000									$ 10,000	
39	Collection System Assessment/engineering for repairs				100	2		$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000					$ 150,000	
40	Collection System Repairs to reduce I/I & damaged pipe sections				100	2		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 450,000	
41	Lift Station A (Nottingham & Leighton/Park Hill) new submsersible pumps, MCC, bypass piping	**X/R/O**	**20**	20	80	2					$ 50,000	$ 350,000					$ 400,000	
42	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) submersible pumps, MCC, bypass piping	**X/R/O**	**20**	20	80	2					$ 40,000	$ 225,000					$ 265,000	
43	Lift Station B - replace existing generator	**X/R/O**	**20**	20	80	2			$ 60,000								$ 60,000	
44	Lift Station B-3 (Green St./W. Lodge Hill) new control panel followed by future submserible pumps, MCC, bypass piping	X/R/O	20	**20**	80	2			$ 90,000			$ 160,000					$ 250,000	
45	Lift Station B-4 (Green & Gleason/W. Lodge Hill) new submserible pumps, bypass piping	**X/R/O**	**20**	20	80	2					$ 20,000	$ 240,000					$ 260,000	
46	Replacement and New PCs for operators			20	80	2		$ 10,000					$ 10,000				$ 20,000	
47	Lift Sation 4 (DeVault Pl/Seaclift Estates) VFDs /new elect panel & 3 phase pump motors	R/O		**20**	80	3			$ 25,000	$ 60,000							$ 85,000	
48	Annual maintenance and upgrading to GIS (moved $5K from capital program to WW acct 6080M)	R/O		**20**	80	3			$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 80,000	
49	Manhole cover replacements							$ 20,000										
	Vehicles and Trailer- Mounted Equipment																	
50	Vactor truck - replace with new $430K truck that meets emssion requirements (7 yr loan @ 4.5%)		**20**	80		2		$ 50,000	$ 74,000	$ 74,000	$ 74,000	$ 74,000	$ 74,000	$ 74,000	$ 24,000		$ 518,000	
51	Vehicle Replacement Program			100		3		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 225,000	
52	Portable equipment replacement program (backhoes, generators and pumps)					4		$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 135,000	
53	F350 or equal service truck with crane & mechanics body ($56K initial cost; 5 yr loan @ 4.25%)							$ 6,000	$ 13,400	$ 13,400	$ 13,400	$ 13,400	$ 6,800					
54	Pearpoint or equal TV inspection camera							$ 50,000										
	Overhead CIP Projects																	
55	Finance/billing software upgrade (wastewater est'd @ 50%)	R/O		**20**	80	3		$ 25,000	$ 50,000								$ 75,000	
56	Contingency/reserves (amount remains TBD)	**X/R/O**	**20**	20	80	4											$ -	

Notes:	Total Per Year (all priorities)					$ 209,509	$ 1,047,105	$ 1,937,400	$ 1,000,400	$ 840,400	$ 2,005,400	$ 598,800	$ 802,000	$ 437,000	$ 163,000	$ 8,889,614	
Department priority projects/ependitures for remaining of FY	Revised to meet projected increase						$ 211,000									$ 211,000	
Shaded to show costs that would be deferred in order to balance remaining FY expenditures with revenue increase	Priority Level 1 projects:					$ 209,509	$ 300,000	$ 920,000	$ 13,000	$ 13,000	$ 313,000	$ 48,000	$ 328,000	$ 13,000	$ 13,000	$ 2,170,509	
Revised timing of project expense	Priority Level 2 projects:					$ -	$ 591,105	$ 839,000	$ 604,000	$ 514,000	$ 1,379,000	$ 244,000	$ 174,000	$ 124,000	$ 100,000	$ 4,569,105	
	Priority Level 3 projects:					$ -	$ 50,000	$ 150,000	$ 355,000	$ 285,000	$ 285,000	$ 285,000	$ 285,000	$ 285,000	$ 35,000	$ 2,015,000	
	Priority Level 4 projects:					$ -	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 135,000	
	Cummulative Total					$ 209,509	$ 1,256,614	$ 2,146,909	$ 3,147,309	$ 3,987,709	$ 5,993,109	$ 6,591,909	$ 7,393,909	$ 7,830,909	$ 7,993,909	$ 8,889,614	

Water Projects (Revised 10/25/2018 - For Discussion Only)

Preliminary costs need to be updated & tied to a an ENR/year basis.

Line/Project No.	Description	Expansion [X], Replacement [R] Operations [O]	% X	% R	% O	Priority Ranking	Mid Year	Budget Year Projected FY 18/19 - 1st half	FY18/19 - 2nd half	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	Check of total
	Water Distribution System Projects																		
1	Pressure zone 2 to zone 7 transmission main @ SR Creek pedestrian bridge		20	80		1			$ 120,000										$ 120,000
2	Subzone metering of distribution system				100	1				$ 50,000	$ 50,000	$ 50,000							$ 150,000
3	Water Meter Replacements & Upgrades	R/O		75	25	1			$ 50,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000					$ 1,050,000
4	Water Master Plan Amendment (revised fire flow modeling/tank sizing check)	R/O/X	20	80		2				$ 35,000									$ 35,000
5	Stuart Street Tank Replacement (125K gallon welded steel tank with new foundation)					2							$ 458,000						$ 458,000
6	Water pipelines, pumps, and PRV repairs and replacements	R/O		100		2			$ 25,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 475,000
7	Valve Replacements					2		$ 10,000	$ 10,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 200,000
8	Inspection & spot repair to water transmission main under S. Parks wetlands area; or do 7B		20	80		3					$ 80,000								$ 80,000
9	Lining of transmission main under S. Parks wetlands area (alt to relocate ~ $612K to $1.16 million), or do 7A		20	80		3					$ 50,000	$ 150,000	$ 816,000						$ 1,016,000
10	Pine Knolls - Iva Court zone 1 pipeline expansion	R/O	20	80		3					$ 40,000	$ 125,000							$ 165,000
11	Piney Way erosion control protection for existing pipeline	O			100	3				$ 10,000									$ 10,000
12	Study & predesign for pipeline in State Parks wetlands					3				$ 30,000									$ 30,000
13	Replacement of problematic service lines within Leimert					3			$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000
14	Annual GIS updating & upgrades	R/O			100	3		$ 10,000		$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000
15	Replacement of problematic service lines within Leimert					3		$ 40,000					$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000
	Water Treatment																		
16	Electonic self monitoring reporting program (yr 1 is software + consulting, yrs 2 + are annual tech support)				100	2			$ 10,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 19,000
	Tank & Booster Pump Station Projects																		
17	Rodeo Grounds Pump Station Replacement (aka Zone 2 Booster pump station)	R/X	20	80		2			$ 25,000	$ 101,000	$ 500,000	$ 400,000							$ 1,026,000
18	Electrical transfer switch and conduit to well SS-3	O			100	2				$ 25,000									$ 25,000
19	San Simeon well field generator replacement	R/O	20	80		2					$ 100,000								$ 100,000
20	SCADA System - Long-term Water Portion	R/O		50	50	3			$ 10,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000						$ 210,000
	Water conservation																		
21	Database for water conservation program/tracking with parcel links & APN file conversion	X/R/O	80		20	3			$ 10,000	$ 10,000									$ 20,000
	Vehicles & Trailer Mounted-Equipment																		
22	Replacement Dump Truck (alternativey, a 76 K purchase with 6 yr loan @ 5% would be 13,000 per yr.)					1		$ 76,000											$ 76,000
23	Trailer Mounted Air Compressor	O		100		2		$ 22,700											$ 22,700
24	Trailer mounted, Vacuum Excavator	O		100		2		$ 48,000											$ 48,000
25	Vehicle Replacement Program					2			$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 250,000
	Overhead Projects																		$ -
26	Finance/billing software upgrade (water est'd @ 50%)	R/O		100		1			$ 50,000	$ 25,000									$ 75,000
27	User Fee study (water rates portion)	O		100		1													$ -
28	Contingency/reserves (amount remains TBD)	R/O		100		4													$ -
							$ -	$ 206,700	$ 345,000	$ 652,000	$ 1,186,000	$ 1,091,000	$ 1,650,000	$ 326,000	$ 126,000	$ 126,000	$ 126,000	$ 126,000	$ 5,960,700
		Revised to meet projected increase							$ 205,000										$ 205,000
		Priority Level 1 projects:					$ -	$ 76,000	$ 220,000	$ 275,000	$ 250,000	$ 250,000	$ 200,000	$ 200,000	$ -	$ -	$ -	$ -	$ 1,471,000
		Priority Level 2 projects:					$ -	$ 80,700	$ 95,000	$ 257,000	$ 696,000	$ 496,000	$ 554,000	$ 96,000	$ 96,000	$ 96,000	$ 96,000	$ 96,000	$ 2,658,700
		Priority Level 3 projects:					$ -	$ 50,000	$ 30,000	$ 120,000	$ 240,000	$ 345,000	$ 896,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 1,831,000
		Priority Level 4 projects:					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
							$ -	$ 206,700	$ 551,700	$ 1,203,700	$ 2,389,700	$ 3,480,700	$ 5,130,700	$ 5,456,700	$ 5,582,700	$ 5,708,700	$ 5,834,700	$ 5,960,700	$ 5,960,700

Notes:

Department priority projects/ependitures for remaining of FY

Shaded to show costs that would be deferred to subsequent year.

SWF Projects (Revised 10/25/2018 - For Discussion Only)

Preliminary costs need to be updated & tied to a an ENR/year basis.

Line/ Project No.	Description	Expansion [X], Replacement [R] Operations [O]	% X	% R	% O	Priority Ranking	First Half FY18/19	2nd Half FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY26/27	FY27/28	Check of total
	SWF Projects																
	Regular Coastal Development Permitting Support																
1	EIR consulting (follow up agency discussions to support the SWF's Regular CDP)		20	80		1		$ 10,000									$ 10,000
2	Section 7 ESA consulting, annual AMP report, & AMP update		20	80		1	$ 125,000										$ 125,000
3	Legal assistance for CEQA support and any subsequent appeals (amounts each year remain to be determined and are not shown)																
	Interim, short-term SWF Modifications																
4	Modifications to facilitate off-hauling RO concentrate, & addition of a flow meter at the AWTP.					1	$ 50,000										$ 50,000
	Advanced Water Treatment Plant Improvements																
5	Miscelaneous instrumentation / monitoring upgrades		20	80		1		$ 10,000									$ 10,000
	Long-Term Improvement Modifications																
6	Consutling assistance for coordination with Army Corps on WRDA grant (meetings, redefine work plan, & update scope of work)					2		$ 20,000	$ 20,000								$ 40,000
7	Sems, Hach WIMS, or custom programmer for logging/reporting software and tablets (yr 1 is software/programming assistance)		20	80		2		$ 6,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 22,000
8	Future permanent mods at SWF for trailer fill station [transfer tanks, piping, & spill contrainment/loading pad] (1,2)		20	80		2			$ 200,000								$ 200,000
9	AWTP pull-barn style covers for outdoor equipment & control panels (1,2)		20	80		2			$ 50,000								$ 50,000
10	Installation of remote sensing instrumentation at SS creek (needs access agreement with State Parks)		20	80		3			$ 10,000								$ 10,000
11	Surface Water Treatment Plant (SWTP) for Holding Basin and Well SS-1 treatment		20		80	3						$ 150,000	$ 600,000	$ 600,000			$ 1,350,000
12	Pipeline from Well SS-1 to surface water treatment plant (SWTP)		20		80	3							$ 75,000	$ 350,000			$ 425,000
13	Impoundment basin conversion to groundwater storage, pump station at storage basin , and connecting pipelines		20		80	3							$ 75,000	$ 350,000			$ 425,000
14	Solar Array System (1,2)					3			$ 375,000								$ 375,000
	2017 Cease & Desist Order Compliance - Non-capitalized Expenses																
15	Short term flood damage/CDO response - consultants for surveying , project mngt assistance& inspection, surface water hydrology & geohydrological		20	80		1											$ -
16	Short term flood damage mitigation - drainage swale construction		20	80		1											$ -
17	Short term flood damage mitigation - temporary closure plan equipment, installation, rentals, and temp power & controls				100	1	$ 10,000										$ 10,000
18	Hauling off the last 18-inches of impoundment water & emptied impoundment cleaning				100	1	$ 35,000										$ 35,000
		Subtotal:					$ 175,000	$ 46,000	$ 222,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 457,000
Notes:		Revised to meet projected increase						$ 20,000									$ 20,000
	Department priority projects/ependitures for remaining of FY	Priority Level 1 projects:					$ 175,000	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 195,000
	Shaded to show costs that would be deferred	Priority Level 2 projects:					$ -	$ 26,000	$ 222,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 262,000
	Estimated operational cost (not includded in total for capital cost)	Priority Level 3 projects:					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		Priority Level 4 projects:					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		Cumulative:					$ 175,000	$ 221,000	$ 397,000	$ 399,000	$ 401,000	$ 403,000	$ 405,000	$ 407,000	$ 409,000	$ 411,000	$ 457,000

Notes:

Red font indicates future projects that may qualify for Army Corps project funding via the existing federal Water Resource Development Act (WRDA) grant. If appoved by Army Corps, costs could become zero due to past local share cost credit (see note 2 below).

1 Solar array estimated at 250 KW, & approximately $1.50 per KW installed. Future candidate for Renewable Energy System Credit Transfer (RESCT), which could conceivably allow applying production towards remote CCSD electrical loads, such as WWTP.

2 Cost shown do not include any reduction from a 75% federally-funded existing WRDA grant with the Army Corps and are subject to the terms of a project cooperative agreement. Costs shown do not include any local share credit of approximately $3 million, which as previously approved by the Army Corps. The grant, as well as proposed cost components, need to be revisited with the Army Corps and incorporated into the Corps project management plan updating process.