

Pursuant to Government Code Section 54953(e), members of the Resources & Infrastructure Standing Committee and staff will participate in this meeting via a teleconference. Members of the public can submit written comments to the Board Secretary at boardcomment@cambriacsd.org.



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Monday, November 8, 2021 - 2:00 PM

AGENDA

Please click the link below to join the webinar:

<https://zoom.us/j/95758017966?pwd=dDIQaHhHT1FJTTRBTE9CbERvdmpmZz09>

Passcode: 327747

Or iPhone one-tap:

US: +16699006833,,95758017966# or +12532158782,,95758017966#

Or Telephone:

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

US: +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799 or +1 301 715 8592 or +1 312
626 6799 or +1 929 205 6099

Webinar ID: 957 5801 7966

International numbers available: <https://zoom.us/j/95758017966>

Copies of the staff reports or other documentation relating to each item of business referred to on the agenda are on file in the Office of the Board Secretary, available for public inspection during District business hours. The agenda and agenda packets are also available on the CCSD website at www.cambriacsd.org. Please call 805-927-6223 if you need any assistance. If requested, the agenda and supporting documents shall be made available in alternative formats to persons with a disability. The Committee Chairperson will answer any questions regarding the agenda.

- A. CALL TO ORDER
- B. ESTABLISH QUORUM
- C. CHAIRMAN'S REPORT
- D. AD HOC COMMITTEE REPORTS
- E. COMMITTEE MEMBER COMMUNICATIONS

Any Committee Member may make an announcement, report briefly on his or her activities, or ask a question for clarification.

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. 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.

2. CONSENT AGENDA

- A. Consideration to Approve the October 18, 2021 Regular Meeting Minutes

3. REGULAR BUSINESS

- A. Receive Update on the P G & E IGA Report
- B. Receive Update from the CIP Ad Hoc Committees

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

RESOURCES & INFRASTRUCTURE COMMITTEE
REGULAR MEETING
Monday, October 18, 2021 - 2:00 PM
MINUTES

A. CALL TO ORDER

Chairperson Dean called the meeting to order at 2:04 p.m.

B. ESTABLISH QUORUM

A quorum was established.

Committee members present via Zoom: Karen Dean, David Pierson, James Webb, Steve Siebuhr, and Michael Thomas.

Staff present: Ossana Terterian, Pamela Duffield & Ray Dienzo.

C. CHAIRMAN'S REPORT

Chairperson Dean had no report this month

D. AD HOC COMMITTEE REPORTS

No reports were received

E. COMMITTEE MEMBER COMMUNICATIONS

1. PUBLIC COMMENT

2. CONSENT AGENDA

A. Consideration to Approve the September 13, 2021
Regular Meeting Minutes

Committee member Thomas motioned to approve the minutes.

Committee member Webb seconded the motion.

The motion was approved 4-eyes (Pierson, Webb, Siebuhr, Thomas),
0-Nays, 0-Abstain

3. REGULAR BUSINESS

A. Update from the Ad Hoc Committee on the General Fund CIP Prioritization for the Strategic Plan Objective

Vice Chair Pierson reviewed the report that was part of the agenda package. A definition of the priorities was discussed, and committee members would all like to see a written set of definitions.

B. Update from the Ad Hoc Committee on the Water, Wastewater, and WRF CIP Prioritization for the Strategic Plan Objectives

Chair Dean reviewed the work to date of this committee. Member Thomas asked for a brief description of the work entailed in each project to be available. The committee will continue to meet on the priorities for WWTP, the Water Plant and the WRF.

C. Update on the SST

An accounting of the savings actually produced by the SST work, both energy and operational, was discussed. Mr. Dienzo stated that an accounting would be done. Mr. Dienzo stated the final IGA report from PG&E is being reviewed and a draft should be ready for the R&I committee to review in a few weeks. Ms. Duffield gave a brief update on the status of financing the SST project.

4. FUTURE AGENDA ITEMS

Chairman Dean asked for any future agenda items and the following were offered.

Update on the outfall

Update on the PG&E IGA Report

Update from the CIP Ad Hoc committees

5. ADJOURN

Chairman Dean adjourned the meeting at 2:50 p.m.

Project Prioritization Metric

- Priority 1 Projects that would impact all of these criteria or would severely and immediately impact Safety and Health
 Priority 2 Projects that would impact most of these criteria
 Priority 3 Projects that would impact at least one of these criteria
 Priority 4 Projects that need to be address but could be deferred; but could move up in priority if conditions change

Safety

Reliability in an emergency
Engineering hazards out of the system
Public contact

Health and Environment

Possible reduction in SSO's
Contact with untreated water
Public contact

Improved/reliability

Reduced maintenance
Access to information and data
SCADA/interface capable

Financial savings

Reduction in energy usage
Reduction in overtime
Reliability in an emergency

State mandates

Ammonia reduction
Nitrate reduction
PFAS reduction
OMMP requirements

Wastewater CIP - Capital Improvement Program DRAFT							
Wastewater Projects					Ranking	FY Project Cost	Notes
FY	Treatment Plant Projects in SST (All SST Cost Estimates Current as of 6/2/2020)						
				Investment Grade Audit (30% Design for all ECMs)	SST/1	\$ 528,000	
ECM 1	20-21	Influent Flow Equalization (ECM 1) - New or refurbished EQ tanks based on Carollo 10% design			SST/1	\$ 1,758,149	
ECM 2	20-21	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/1	\$ 56,561	
ECM 3	20-21	Modified Ludzak-Ettinger Process Upgrade (ECM 3) - MLE conversion based on Carollo 2015 Study minus VFD costs; header repair			SST/1	\$ 1,400,447	
ECM 4	20-21	Blower System Improvements (ECM 4) - Replace 2 blowers; duct replacement			SST/1	\$ 249,548	
ECM 5	20-21	RAS and WAS Pumping Improvements (ECM 5) - RAS pumping system; WAS pumping system; scum pumps replacement; skimming troughs replacement; electrical/I&C			SST/1	\$ 520,349	
ECM 7	20-21	Electrical Upgrades (ECM 7) - Conduits between PG&E transformer and service witchboard, switchboard, connections to existing switchboard, connections to generator)			SST/1	\$ 378,341	
ECM 7	20-21	Pads for electrical upgrade			SST/1	\$ 164,147	
ECM 8	20-21	Backup Power (ECM 8) - 365 kW NG Generator; Demo; Propane backup			SST/1	\$ 358,661	
ECM 9	20-21	SCADA System (ECM 9) - New SCADA system based on Carolla 10% Design			SST/1	\$ 396,097	
ECM 10	20-21	Secondary Water System (3W) Improvements (ECM 10) - Submersible pumps, hydrpneumatic tank, demo, electrical/I&C			SST/1	\$ 360,313	
		Final design/Project duration/GC costs/completion			SST/1	\$ 1,122,816	
					Subtotal	\$ 7,293,429	
Treatment Plant Projects Not in SST							
ECM 6		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	4	\$ 1,393,341		Removed from the SST project/We may want to purchase a new screw press. This press is 12 years old and if it breaks down, we will not be able to process sludge.	
		Roof on lab building	2	\$ 45,000		This will be done after ECM 8 is completed/this roof leaks	
		Roof on blower building	4	\$ 40,000			
		Coat the AC on the plant/resurface the plant asphalt	4	\$ 80,000		After the SST project is finished	
		Paint handrails on aeration basin	4	\$ 15,000		We only need to have the high traffic areas painted	
		Walkway grating on Digester tanks	1	\$ 20,000		This should be taken care of in ECM 1	
		Eastern clarifier - Replace chain drive	4	\$ 40,000			
		Eastern clarifier - Replace drive unit's metallic hubs with non-corrosive hubs	4	\$ 35,000			
		Eastern clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	4	\$ 40,000			
		Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	4	\$ 40,000			
		Fence around WWTP	2	\$ 25,000			
		Cover for Sheltering of Equipment at Plant (50%)	4	\$ 1,500			
		Demolish Old Tanks	4	\$ 60,000			
					Subtotal	\$ 1,834,841	
Collection System Projects							
ECM 12		Sewer Lift Stations (ECM 12) - Lift Station B1, Lift Station B4, Lift Station 4: Electrical/I&C	1	\$ 2,128,564		Removed from the SST project	
		Lift Station 4 (212 DeVault PL.)	1	\$ 150,000		The pumps are no longer supported. The manufacture went out of business long ago. This lift station is not connected to the network.	
		Replace submersable motors and guide rails. Install new controls and connect to SCADA					
		Lift station 8 (1090 HILLCREST)	1	\$ 65,000		The pumps are no longer supported. The manufacture went out of business long ago.	
		Replace submersable motors and guide rails.					
		Lift Station A (Nottingham & Leighton/Park Hill)					
		New Submersible Pumps, MCC, Bypass Piping, Control Panel at Grade Elevation	1	\$ 490,000			
		Lift Station A-1 (Sherwood & Harvey/Marine Terrace)					
		New Submersible Pumps, Bypass Piping /This station also needs a new fence around the generator	1	\$ 265,000			
		Lift Station B - (SR Creek/Behind Park Hill)					
		New Control Panel, Generator, Wet Well, Submersible Pumps, and Valve Vault	3	\$ 435,000		Also a new fence	
		Lift Station B-1				This is a complete removal of the station. This station is well below the flood plain and has been under water. We can reposition the generator to lift station B-2. This removes a confined space, and no energy will be required in the future.	
		Replace the lift station with a gravity line	2	\$ 500,000			
		Lift Station B-2 (Wood Dr./E. Lodge Hill)					
		New Control Panel at Grade Elevation	1	\$ 425,000			
		Lift Station B-3 (Green St./W. Lodge Hill) - design and installation in-house					
		New Control Panel	1	\$ 65,000			
		New Pumps, MCC, Bypass Piping	3	\$ 120,000			
		Lift Station B-4	2	\$ 450,000			
		Generator	1	\$ 75,000		This generator needs to be replaced. We have invested more money on this generator in the last 4 years than any other 3 generators.	
					Subtotal	\$ 5,518,564	
Regulation/Programs							
21-22		Salt and Nutrient Management Plan	1	\$ 10,000		Needed for new permit	
21-22		Fats, Oils, and Grease (FOG) Program Implementation	2	\$ 10,000		This needs to be updated and enforced	
21-22		Asset Management Program Implementation - Inventory and Set-up (50% split with Water)	3	\$ 10,000			
		PFAS Treatment	4	Unknown		Time has not yet been required, the cost will give a year to comply, they do make this a requirement	
21-22		OMMP for the WWTP	2	Unknown			
21-22		Update Hazardous Communication Plan	3	Unknown			
						\$ 30,000	
Operation, Maintenance and Replacement (But under Capital Outlay)							
21-22		Security Improvements - re-keying of all utilities facilities and cameras	1	\$ 15,000		I think it will cost a litte more	
21-22		Replace Tractor	1	\$ 70,000			
21-22		Replace F-150	1	\$ 30,000			
21-22		Replace 1989 step van	1	\$ 55,000			
					Subtotal	\$ 170,000	
GRAND TOTAL							