

Pursuant to Governor Newsom's Executive Order N-29-20, 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@cambridcsd.org](mailto:boardcomment@cambridcsd.org).



## RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING  
Monday, May 10, 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.cambridcsd.org](http://www.cambridcsd.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

#### 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 April 19, 2021 Regular Meeting Minutes

**3. REGULAR BUSINESS**

- A. Discuss and Consider the Updated CIP List
- B. Receive Update on CDP Process

**4. FUTURE AGENDA ITEMS**

**5. ADJOURN**

## RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING  
Monday, April 19, 2021 - 2:00 PM

### MINUTES

#### A. CALL TO ORDER

Chairperson Dean called the meeting to order at 2:00 p.m.

#### B. ESTABLISH QUORUM

A quorum was established.

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

Staff present: John Weigold, Ossana Terterian & Ray Dienzo.

#### C. CHAIRMAN'S REPORT

Karen Dean reported: May 4<sup>th</sup> @ 2:00 pm will be an R&I special meeting

#### D. AD HOC COMMITTEE REPORTS

### 1. PUBLIC COMMENT

### 2. CONSENT AGENDA

#### A. Consideration to Approve the March 15, 2021 Regular Meeting Minutes;

Committee member: James Webb motioned to approve the minutes.

Committee member: Brad Fowles seconded the motion.

The motion was approved 5-ayes (Pierson, Webb, Fowles, Siebuhr, Thomas), 0-Nays, 0-Abstain

### 3. REGULAR BUSINESS

#### A. Discuss and Consider the Updated CIP List: John Wiegold, We will have 3<sup>rd</sup> quarter update for review. CIP list was not yet ready and discussion was postponed to a later meeting.

- B. Discuss and Consider Presenting Ad Hoc Report to the Board on the Strategic Objective to Identify Additional Resources for Water.

Discussion: Crosby & Laura Swartz  
Ted Key  
Dr. Elizabeth Bettenhausen  
Tina Dickason  
David Pierson  
Karen Dean

Motion was made to present report to the board by David Pierson, second by James Webb. Passed unanimously.

- C. Discuss and Consider Presenting Ad Hoc Report to the Board on the Strategic Objective to Identify Public Water Conservation Measures and Best Practices

Discussion: James Webb reviewed the report  
Ted Key  
Laura Swartz  
Dr. Elizabeth Bettenhausen  
Michael Thomas

Motion was made to present the report to the Board: By David Pierson, Second by James Webb, Passed unanimously.

#### **4. FUTURE AGENDA ITEMS**

Chairman Dean asked for any future agenda items. Reminder of May 4<sup>th</sup> meeting regarding Six stages of drought, UMWP & Update on CIP.

#### **5. ADJOURN**

Chairman Dean adjourned the meeting at 3:11 p.m.

	B	C	D	E	F	G
1	General Fund CIP (For Discussion Only - Modified 5/6/2021)					
2	General Fund Projects	Ranking	FY Project Cost	10-Yr Cost	Notes	
3	<b>Administration Department Projects</b>					
4	Tyler Incode	1	\$ 71,773	\$ 76,050		
5	Replace District Car	3	\$ -	\$ 30,000		
6						
7		Subtotal	\$ 71,773	\$ 106,050		
8	<b>Facilities &amp; Resources/PROS Projects</b>					
9	F350 Truck - Replace 1999 F150 Truck	1	\$ 40,000	\$ 40,000		
10	Electric Vehicle Charging Station (Vets Hall)	1	\$ 22,272	\$ 22,272		
11	Electric Vehicle Charging Station (East Village Parking Lot)	1	\$ -	\$ 17,000		
12	Skate Park Improvements	1	\$ -	\$ -		
13	Restroom Facilities @ Fiscalini Ranch Preserve	1	\$ 20,000	\$ 20,000		
14	Vets Hall Sewer Line	1	\$ -	\$ 40,000		
15	Vets Hall Electrical Emergency (Generator & Equipment)	1	\$ -	\$ 80,000		
16	Re-Roof Entire Vets Hall Building & American Legion Kitchen Area	1	\$ -	\$ 55,000		
17	Vets Hall Water Line	2	\$ -	\$ 10,000		
18	Vets Hall Kitchen Improvements (Replace cabinets, countertops, sinks)	3	\$ -	\$ 20,000		
19	Vets Hall Restroom Improvements (Replace particians, countertops, sinks & flooring)	3	\$ -	\$ 17,500		
20		Subtotal	\$ 82,272	\$ 321,772		
21	<b>Fire Department Projects</b>					
22	Radio System Upgrade Phase 2	1	\$ 30,000	\$ 40,729		
23	Fire Department Station Security	2	\$ -	\$ 80,000		
24	Zoll X Series EKG	2	\$ -	\$ 40,000		
25	Extrication Tool	2	\$ -	\$ 60,000		
26	Utility Truck	2	\$ -	\$ 50,000		
27	Fuel Station Computer Replacement	3	\$ -	\$ 14,000	50% cost paid by CCHD	
28	Replace Fire Truck - Engine Type 1	3	\$ -	\$ 700,000	FY 2027	
29	Purchase New Fire Truck - Engine Type 3	3	\$ -	\$ 400,000	FY 2022	
30	Replace Water Tender	3	\$ -	\$ 250,000	FY 2024	
31	Facility Training Center (Sea Train Container)	3	\$ -	\$ 100,000		
32	Fire Station Expansion	3	\$ -	\$ 3,000,000	Includes Admin Office	
33		Subtotal	\$ 30,000	\$ 4,734,729		
34			<b>GRAND TOTAL</b>	<b>\$ 5,162,551</b>		
35			Priority 1 Total	\$ 391,051		
36			Priority 2 Total	\$ 240,000		
37			Priority 3 Total	\$ 4,531,500		
38			Priority 4 Total	\$ -		
39				\$ -		

	B	C	D	E	F	G
1	<b>Wastewater CIP (Revised 5/6/2021 - For Discussion Only)</b>					
2	<b>Wastewater Projects</b>	Ranking	FY Project Cost	10-Yr Cost	Notes	
3	<b>Treatment Plant Projects in SST (All SST Cost Estimates Current as of 6/2/2020)</b>					
4	Investment Grade Audit (30% Design for all ECMs)	SST	\$ 528,404	\$ 688,404		
5	Electrical Upgrades (ECM 7) - Conduits between PG&E transformer and service witchboard, switchboard, connections to existing switchboard, connections to generator)	SST	\$ 232,500	\$ 337,963		
6	Secondary Water System (3W) Improvements (ECM 10) - Submersible pumps, hydrpneumatic tank, demo, electrical/I&C	SST		\$ 218,985		
7	Sewer Lift Stations (ECM 12) - Lift Station B1, Lift Station B4, Lift Station 4: Electrical/I&C	SST		\$ 2,739,235		
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		\$ 1,025,772		
9	Modified Ludzak-Ettinger Process Upgrade (ECM 3) - MLE conversion based on Carollo 2015 Study minus VFD costs; header repair	SST		\$ 1,012,326		
10	Influent Flow Equalization (ECM 1) - New or refurbished EQ tanks based on Carollo 10% design	SST		\$ 922,043		
11	Effluent Pump Station Improvements (ECM 11) - Demo; surge tank replacement; instrumentation; replace air release valves; pipeline cleaning and flushing; electrical/I&C	SST		\$ 374,580		
12	RAS and WAS Pumping Improvements (ECM 5) - RAS pumping system; WAS pumping system; scum pumps replacement; skimming troughs replacement; electrical/I&C	SST		\$ 733,792		
13	SCADA System (ECM 9) - New SCADA system based on Carolla 10% Design	SST		\$ 455,259		
14	Backup Power (ECM 8) - 365 kW NG Generator; Demo; Propane backup	SST	\$ 99,500	\$ 479,327		
15	Blower System Improvements (ECM 4) - Replace 2 blowers; duct replacement	SST		\$ 457,179		
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		\$ 971,987		
17		Subtotal	\$ 860,404	\$ 10,416,852		
18	<b>Treatment Plant Projects Not in SST</b>					
19	Security Improvements	1	\$ 15,000	\$ 15,000		
20	Replace Tractor	1		\$ 40,000		
21	Replace Van - Transport of Sewer Video Camera System	1		\$ 55,000		
22	Replace F150	1		\$ 30,000		
23	Walkway Grating on Digester Tanks			\$ 20,000		
24	Clarifier Improvements					
25	Eastern clarifier - Replace chain drive	1		\$ 40,000		
26	Eastern clarifier - Replace drive unit's metallic hubs with non-corrosive hubs	1		\$ 35,000		
27	Eastern clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2		\$ 40,000		
28	Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2		\$ 40,000		
29	Cover for Sheltering of Equipment @ Plant ( 50%)	2		\$ 15,000		
30		Subtotal	\$ 15,000	\$ 330,000		
31	<b>Collection System Projects</b>					
32	Lift Station A (Nottingham & Leighton/Park Hill)					
33	New Submersible Pumps, MCC, Bypass Piping, Control Panel at Grade Elevation	1		\$ 490,000		
34	Lift Station A-1 (Sherwood & Harvey/Marine Terrace)					
35	New Submersible Pumps, Bypass Piping	1		\$ 265,000		
36	Lift Station B - (SR Creek/Behind Park Hill)					
37	New Control Panel, Generator, Wet Well, Submersible Pumps, and Valve Vault	3		\$ 435,000		
38	Lift Station B-2 (Wood Dr./E. Lodge Hill)					
39	New Control Panel at Grade Elevation	1		\$ 425,000		
40	Lift Station B-3 (Green St./W. Lodge Hill)					
41	New Control Panel	1		\$ 250,000		
42	New Submersible Pumps, MCC, Bypass Piping	3		\$ 250,000		
43	Collection System Assessment software (E.g, t4 Spatial or other)	3		\$ 10,000		
44		Subtotal	\$ -	\$ 2,125,000		
45	<b>GRAND TOTAL</b>					
46				\$ 12,871,852		
48			Priority 1 Total	\$ 1,665,000		
49			Priority 2 Total	\$ 95,000		
50			Priority 3 Total	\$ 695,000		
51			Priority 4 Total	-		
52			SST Total	\$ 10,416,852	\$ -	
54	<b>Completed Projects</b>	Ranking	FY Project Cost	10-Yr Cost	Actual Cost	Notes
55	<b>Vehicles and Trailer- Mounted Equipment</b>					
56	Pearpoint or equal TV inspection camera (removed cost from mid year total to meet reduced funding balance, 11/20/2018.)	1		\$ 75,000	\$ 75,000	
57	F-350 Service Truck with Crane Body	1		\$ 57,040	\$ 56,540	
58	Vactor truck - replace with new \$430K truck that meets emssion requirements (7 yr loan @ 4.5%)	1		\$ 518,000	\$ 402,435	
59	Replacement Rack Truck (F-150)	-	\$ -	\$ 24,193	\$ 24,193	
60	<b>Treatment Plant Projects Not in SST</b>					
61	Influent screen, support platform design, & installation	1		\$ 164,509	\$ 156,675	

	B	C	D	E	F	G
1	<b>Wastewater CIP (Revised 5/6/2021 - For Discussion Only)</b>					
2	<b>Wastewater Projects</b>	<b>Ranking</b>	<b>FY Project Cost</b>	<b>10-Yr Cost</b>	<b>Notes</b>	
62	<b>Collection System Projects</b>					
63	Lift Station A-1 MCC, SCADA Improvements	1		\$ 45,000	\$ 50,835	
65					<b>GRAND TOTAL</b>	<b>\$ 765,678</b>
68						

	A	C	D	E	F	G
1	<b>Water CIP (Revised 5/6/2021 - For Discussion Only)</b>					
2		<b>Ranking</b>	<b>FY Project Cost</b>	<b>10-Yr Cost</b>	<b>Notes</b>	
3	<b>Water Distribution System Projects</b>					
4	Pressure Zone 2 to Zone 7 transmission main replacement @ SR Creek pedestrian bridge	1	\$ 50,000	\$ 215,527		
5	Water Meter Replacements & Upgrades (phased)	1	\$ 332,500	\$ 1,050,000		
6	Piney Way erosion control inspection report and follow-up protection efforts for existing pipeline	1		\$ 10,000		
7	SS2 Electrical Panel Upgrade	1		\$ 15,000		
8	Subzone metering of distribution system	2		\$ 150,000		
9	Cover for Sheltering of Equipment @ Plant (50%)	2		\$ 15,000		
10	Modular Office Building @ Plant	2		\$ 10,000		
11	Replacement of problematic service lines within Leimert	3		\$ 130,000		
12	Water Master Plan Amendment (revised fire flow modeling/tank sizing check)	3		\$ 35,000		
13	Inspection & spot repair to water transmission main under S. Parks wetlands area; or lining of transmission main plus study & predesign	4		\$ 80,000		
14	Pine Knolls - Iva Court zone 1 pipeline expansion	4		\$ 165,000		
15		<b>Subtotal</b>	<b>\$ 382,500</b>	<b>\$ 1,875,527</b>		
16	<b>Tank &amp; Booster Pump Station Projects</b>					
17	SCADA System - Phased Upgrades (Adding historian, reporting, etc)	1	\$ 240,351	\$ 250,000		
18	Stuart Street Tank Replacement (125K gallon welded steel tank with new foundation)	2		\$ 458,000		
19	Electrical transfer switch and conduit to well SS-3	2		\$ 25,000		
20	Rodeo Grounds Pump Station Replacement (aka Zone 2 Booster pump station)	3	\$ 62,000	\$ 1,016,000		
21		<b>Subtotal</b>	<b>\$ 302,351</b>	<b>\$ 1,749,000</b>		
22	<b>Vehicles and Trailer-Mounted Equipment</b>					
23	Replacement 2005 F-150 Truck with F-250 (for towing Ditch Witch)	1	\$ 35,000	\$ 35,000		
24		<b>Subtotal</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>		
25	<b>Water conservation</b>					
26	Database for water conservation program/tracking with parcel links & APN file conversion	1	\$ 10,000	\$ 10,000		
27		<b>Subtotal</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>		
29			<b>GRAND TOTAL</b>	<b>\$ 3,669,527</b>		
31			Priority 1 Total	\$ 1,585,527		
32			Priority 2 Total	\$ 658,000		
33			Priority 3 Total	\$ 1,181,000		
34			Priority 4 Total	\$ 245,000		
36	<b>Completed Projects</b>					
37	<b>Vehicles and Trailer- Mounted Equipment</b>					
38	Replacement Dump Truck	1		\$ 74,871	\$ 74,871	
39	Trailer-Mounted Air Compressor	2		\$ 22,557	\$ 22,557	
40	Trailer-Mounted Vacuum Extractor	2		\$ 46,169	\$ 46,169	
41	<b>Tank &amp; Booster Pump Station Projects</b>					
42	San Simeon well field generator replacement	2		\$ 50,449	\$ 50,449	
44				<b>194,046</b>	<b>194,046</b>	
47	<b>WRF CIP (Revised 5/6/2021 - For Discussion Only)</b>					
48		<b>Ranking</b>	<b>FY Project Cost</b>	<b>10 yr Cost</b>	<b>Notes</b>	
49	<b>Permitting &amp; Planning</b>					
50	Urban Water Management Plan - CDP Portion	1	\$ 20,463	\$ 20,463		
51	Groundwater modeling/piezometer installation/monitoring	1	\$ -	\$ 75,758		
52	EIR consulting (follow up agency discussions to support the WRF's Regular CDP)	1		\$ 28,609		
53	Section 7 ESA consulting, annual AMP report, & AMP update	1	\$ 80,592	\$ 100,000		
54		<b>Subtotal</b>	<b>\$ 80,592</b>	<b>\$ 128,609</b>		
55	<b>Interim, short-term SWF Modifications</b>					
56	Brine Tank Secondary Containment, Grading, Rock	1	\$ -	\$ 20,000		
57		<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 20,000</b>		
58	<b>Advanced Water Treatment Plant</b>					
59	Miscellaneous instrumentation / monitoring upgrades	2		\$ 10,000		
60		<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 10,000</b>		
61	<b>Long-Term Improvement Modifications</b>					
62	Consulting assistance for coordination with Army Corps on WRDA grant (meetings, redefine work plan, & update scope of work)	1		\$ 40,000		
63	Future permanent mods at WRF for trailer fill station (transfer tanks, piping, & spill containment/loading pad) (1,2)	2		\$ 200,000		
64	AWTP pull-barn style covers for outdoor equipment & control panels (1,2)	2		\$ 50,000		
65	Sems, Hach WIMS, or custom programmer for logging/reporting software and tablets	3		\$ 25,000		
66	Installation of remote sensing instrumentation at SS creek (needs ROE agreement with State Parks)	3		\$ 10,000		
67	Solar Array System (1,2)	3		\$ 375,000		
68		<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 700,000</b>		
70			<b>GRAND TOTAL</b>	<b>\$ 858,609</b>		
72			Priority 1 Total	\$ 188,609		
73			Priority 2 Total	\$ 260,000		
74			Priority 3 Total	\$ 410,000		
75			Priority 4 Total	-		
77	<b>Completed Projects</b>					
78	<b>Advanced Water Treatment Plant</b>					
79	Filters / membrane replacements and build reserves for future	2		\$ 59,639	\$ 59,639	
80	<b>Interim, short-term SWF Modifications</b>					
81	Short-term flood damage mitigation	1		\$ 12,566	\$ 12,566	
82	Hauling of last 18" of water and cleaning impoundment	1		\$ 94,515	\$ 94,515	
84				<b>166,720</b>	<b>166,720</b>	