



CAMBRIA COMMUNITY SERVICES DISTRICT

Amanda Rice, President of the Cambria Community Services District Board of Directors, David Pierson, Chair of the Finance Committee, and Jim Bahringer, Chair of the Infrastructure Committee, hereby call a Special Meeting pursuant to California Government Code Section 54956. The Special Meeting will be held: **Wednesday, July 11, 2018, 10:00 AM, 1000 Main Street, Cambria, CA 93428**. The purpose of the Special Meeting is to discuss or transact the following business:

NOTICE OF SPECIAL MEETING

CAMBRIA COMMUNITY SERVICES DISTRICT BOARD OF DIRECTORS FINANCE COMMITTEE INFRASTRUCTURE COMMITTEE

**WEDNESDAY, JULY 11, 2018
10:00 AM
1000 Main Street, Cambria, CA 93428**

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 District Clerk, available for public inspection during District business hours. The agenda and agenda packets are also available on the CCSD website at www.cambriacsd.org. The District Office hours are Monday - Thursday, and every other Friday from 9:00 a.m. through 4:00 p.m. 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 District Clerk will answer any questions regarding the agenda.

1. OPENING
 - A. Call to Order
 - B. Pledge of Allegiance
 - C. Establishment of Quorums
2. PUBLIC COMMENT ON AGENDA ITEMS (LIMITED TO 30 MINUTES)
3. REGULAR BUSINESS
 - A. Finance Committee Leads Discussion on Process and Policies to Set in Place for the Implementation of the Capital Improvement Program
 - B. Infrastructure Committee Reviews Capital Improvement Program and Provides Recommendations of their last Meeting and Discusses the Status and Need for the Capital Improvement Program Individual Line Items.
 - C. Finance Committee Reviews Rate Study Alternative B.
 - D. The Committees Summarize Rate Recommendations for the July 12, 2018 Special Board Meeting.

E. ADJOURN

Wastewater CIP - Capital Improvement Program

6/18/2018 revision 11:41am

DRAFT - For Discussion Only

Line/Project No.	Expansion [X], Replacement [R], Operations [O]	% X	% R	% O	Priority Ranking	Total Project Estimate	Outside Funding	GrarOps Budget Account #	Projected										Check of total
									1st Half FY18/19	2nd Half FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	
Wastewater Projects																			
Wastewater Treatment Plant Projects																			
1	Influent screen, support platform design, & installation	R/O	20	80	1	\$ 150,000										\$ 150,000			
2	Electrical engineering design & cost estimate for WWTP's main incoming power breaker & MCC work		20	80	1				\$ 50,000							\$ 50,000			
3	Incoming power supply monitoring system	R	20	80	2				\$ 25,000							\$ 25,000			
4	Neutral wire installation from PG&E-provided delta to wye main replacement transformer to main MCC	R	20	80	1				\$ 20,000							\$ 20,000			
5A	Replace WWTP main power supply breaker and auto-transfer switch; (or, do project 5B.)	R	20	80	1				\$ 30,000							\$ 30,000			
5B	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	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			
9	Upgrade/replace aeration blowers	X/R/O	20	20	80	2			\$ 30,000	\$ 150,000						\$ 180,000			
10	Blower electrical room air filtration/conditioning for moisture & corrosion control		20	80	2				\$ 10,000							\$ 10,000			
11	Replace main WWTP backup power generator		20	80	2					\$ 200,000						\$ 200,000			
12	Replace digester catwalk handrailings, clean, and paint	R	20	80	1	\$ 45,000										\$ 45,000			
13	Cathodic protection replacements at digesters	R	20	80	3				\$ 10,000							\$ 10,000			
14	Plant non-potable 3W improvements & non-potable sprays for screw press		20	80	1				\$ 15,000							\$ 15,000			
15	Improve grit tank hydraulic capacity (placeholder, insert approx \$10K cost if needed)	X/R/O	20	20	80	1										\$ -			
16	Repair or replace protective surge tank for plant effluent pipeline		20	80	2				\$ 25,000							\$ 25,000			
17	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	\$ 250,000	\$ 250,000	\$ 1,500,000			
18	Demo and remove old flow equalization tanks in SW corner of plant				100	3			\$ 40,000							\$ 40,000			
19	Replace effluent pump (southern pump)		20	80	1				\$ 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	\$ 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	\$ 225,000			
22	Effluent P.S. bypass piping		20	80	1				\$ 20,000							\$ 20,000			
23	Misc 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	\$ 41,000			
Collection System Projects																			
24	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	\$ 225,000			
25	Collection System smoke testing				100	2			\$ 50,000							\$ 50,000			
26	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			
27	Collection System Phased televising & cleaning	R/O			100	2			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000			\$ 500,000			
28	Collection System Assessment software (E.g, t4 Spatial or other)				6044	2			\$ 10,000							\$ 10,000			
29	Collection System Assessment/engineering for repairs				100	2			\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000			\$ 150,000			
30	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	\$ 450,000			
31	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	\$ 90,000			
32	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			
33	Lift Station A (Nottingham & Leighton/Park Hill) new submersible pumps, MCC, bypass piping	X/R/O	20	20	80	2				\$ 50,000	\$ 350,000					\$ 400,000			
34	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) new control panel at grade el.	X/R/O	20	20	80	1			\$ 60,000							\$ 60,000			
35	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			
36	Lift Station 4 (DeVault PI/Seacliff Estates) VFDs /new elect panel & 3 phase pump motors	R/O		20	80	3		6170	\$ 25,000	\$ 60,000						\$ 85,000			
37	Lift Station B improvements (SR Creek/behind Park Hill) new control panel	X/R/O	20	20	80	1		6170	\$ 30,000							\$ 30,000			
38	Lift Station B - new wet well, submersible pumps, and valve vault (placeholder)	X/R/O	20	20	80	1				\$ 300,000						\$ 300,000			
39	Lift Station B - replace existing generator	X/R/O	20	20	80	2			\$ 60,000							\$ 60,000			
40	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			
41	Lift Station B-2 (Wood Dr./E. Lodge Hill) new control panel at grade el.	X/R/O	20	20	80	1		6170	\$ 75,000				\$ 35,000	\$ 315,000		\$ 425,000			
42	Lift Station B-3 (Green St./W. Lodge Hill) new control panel followed by future submersible pumps, MCC, bypass piping	X/R/O	20	20	80	2			\$ 90,000			\$ 160,000				\$ 250,000			
43	Lift Station B-4 (Green & Gleason/W. Lodge Hill) new submersible pumps, bypass piping	X/R/O	20	20	80	2				\$ 20,000	\$ 240,000					\$ 260,000			
44	Lift station 9 - replace corroded main incoming power breaker			100	1				\$ 8,000							\$ 8,000			
45	Replacement and New PCs for operators			20	80	2			\$ 10,000				\$ 10,000			\$ 20,000			
46	Annual maintenance and upgrading to GIS	R/O	20	80	3				\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 95,000			
Vehicles and Trailer- Mounted Equipment																			
47	Vector truck - replace with new \$450K truck that meets emssion requirements (10 yr loan @ 4.5%)		20	80	2				\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 504,000			
48	Vehicle Replacement Program				100	3			\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 250,000			
49	Portable equipment replacement program (backhos, generators and pumps)					4			\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000			
Overhead CIP Projects																			
50	Finance/billing software upgrade (wastewater est'd @ 50%)	R/O		20	80	3		6045	\$ 25,000	\$ 50,000						\$ 75,000			
51	Contingency/reserves (amount remains TBD)	X/R/O	20	20	80	4										\$ -			

Total Per Year (all priorities)

\$ 195,000	\$ 864,000	\$ 1,981,000	\$ 969,000	\$ 809,000	\$ 1,974,000	\$ 574,000	\$ 784,000	\$ 469,000	\$ 219,000	\$ 8,883,000
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Priority Level 1 projects:	\$ 195,000	\$ 253,000	\$ 970,000	\$ 13,000	\$ 13,000	\$ 313,000	\$ 48,000	\$ 328,000	\$ 13,000	\$ 13,000	\$ 2,159,000
Priority Level 2 projects:	\$ -	\$ 536,000	\$ 846,000	\$ 586,000	\$ 496,000	\$ 1,361,000	\$ 226,000	\$ 156,000	\$ 156,000	\$ 156,000	\$ 4,519,000
Priority Level 3 projects:	\$ -	\$ 60,000	\$ 150,000	\$ 355,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 35,000	\$ 2,055,000
Priority Level 4 projects:	\$ -	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000

Cummulative Total

\$ 240,000	\$ 1,104,000	\$ 2,221,000	\$ 3,190,000	\$ 3,999,000	\$ 5,973,000	\$ 6,547,000	\$ 7,331,000	\$ 7,800,000	\$ 8,019,000	\$ 8,883,000
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Water Projects

Revised 6/18/2018

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

Line/Project No.	Description	Total Project Estimate	Outside Grant Funding	Ops Budget Account #	Expansion [X] Replacement [R] Operations [O]	% X	% R	% O	Priority Ranking	FY 18/19 -		FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	Check of total	
										1st half	2nd half											
	Annual Inflation (Percentage)																					
	Cumulative Inflation (Percentage)																					
	Water Distribution System Projects																					
1	Water Master Plan Amendment (revised fire flow modeling/tank sizing check)			6080M	R/O/X	20	80		2			\$ 35,000									\$ 35,000	
2	Stuart Street Tank Replacement (125K gallon welded steel tank with new foundation)								2						\$ 458,000						\$ 458,000	
3	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	\$ 475,000	
4	Piney Way erosion control protection for existing pipeline			6035	O			100	3			\$ 10,000									\$ 10,000	
6	Study & predesign for pipeline in State Parks wetlands								3			\$ 30,000									\$ 30,000	
7A	Inspection & spot repair to water transmission main under S. Parks wetlands area; or do 7B					20	80		3			\$ 80,000									\$ 80,000	
7B	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	
8	Pressure zone 2 to zone 7 transmission main @ SR Creek pedestrian bridge					20	80		1	\$ 50,000	\$ 70,000										\$ 120,000	
9	Subzone metering of distribution system							100	1			\$ 50,000	\$ 50,000	\$ 50,000							\$ 150,000	
10	Pine Knolls - Iva Court zone 1 pipeline expansion				R/O	20	80		3			\$ 40,000	\$ 125,000								\$ 165,000	
11	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	\$ 10,000	\$ 100,000	
12	Water Meter Replacements & Upgrades				R/O		75	25	1	\$ 50,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000					\$ 1,050,000	
13	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	\$ 10,000	\$ 100,000	
14	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	
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	Electronic 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	\$ 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	\$ 15,000	\$ 10,000	\$ 101,000	\$ 500,000	\$ 400,000							\$ 1,026,000	
18	SCADA System - Long-term Water Portion				R/O		50	50	3	\$ 10,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000							\$ 210,000	
19	Electrical transfer switch and conduit to well SS-3				O			100	2	\$ 25,000											\$ 25,000	
20	San Simeon well field generator replacement				R/O	20	80		2			\$ 100,000									\$ 100,000	
	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 (76 K purchase with 6 yr loan @ 5% assumed)								1	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000						\$ 78,000	
24	Trailer Mounted Air Compressor			6170	O		100		2	\$ 22,700											\$ 22,700	
23	Trailer mounted, small capacity vactor			6170	O		100		2	\$ 48,000											\$ 48,000	
24	Vehicle Replacement Program								2	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 250,000	
	Overhead Projects																				\$ -	
25	Finance/billing software upgrade (water est'd @ 50%)				R/O		100		1	\$ 50,000	\$ 25,000										\$ 75,000	
26	Contingency/reserves (amount remains TBD)				R/O		100		4												\$ -	
27	User Fee study (water rates portion)			6080M	O		100		1												\$ -	
Subtotal water projects - noninflated \$/yr										\$ 248,700	\$ 253,000	\$ 665,000	\$ 1,199,000	\$ 1,104,000	\$ 1,663,000	\$ 326,000	\$ 126,000	\$ 126,000	\$ 126,000	\$ 126,000	\$ 5,962,700	
Priority Level 1 projects:										\$ 113,000	\$ 133,000	\$ 288,000	\$ 263,000	\$ 263,000	\$ 213,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,473,000
Priority Level 2 projects:										\$ 95,700	\$ 80,000	\$ 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:										\$ 40,000	\$ 40,000	\$ 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:										\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Cummulative water projects \$ (all priority levels)										\$ 248,700	\$ 501,700	\$ 1,166,700	\$ 2,365,700	\$ 3,469,700	\$ 5,132,700	\$ 5,458,700	\$ 5,584,700	\$ 5,710,700	\$ 5,836,700	\$ 5,962,700	\$ 5,962,700	

SWF Projects

Revised 6/19/2018

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

Line/ Project No.	Description	Total Project Estimate	Outside Grant Funding	Ops Budget Account #	Expansion [X], Replacement [R] Operations [O]	% X	% R	% O	Priority Ranking	First Half		2nd Half		FY21/22	FY22/23	FY23/24	FY24/25	FY26/27	FY27/28	Check of total	
										FY18/19	FY18/19	FY19/20	FY20/21								
										\$	\$	\$	\$								
Annual Inflation (Percentage)										3.0%	3.0%	3.0%	3.0%	3.0%							
Cumulative Inflation (Percentage)										112.55%	112.55%	115.93%	119.41%	122.99%							
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								\$ 20,000	
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)																				
Off-Site RO Concentrate Disposal Mods																					
4	Interim Mods at SWF for trailer fill station (portable pump, rented spill containment/loading pad, reuse rented Baker tanks)								1	\$ 50,000										\$ 50,000	
5	Future permanent mods at SWF for trailer fill station [piping & spill containment/loading pad] (1,2)					20	80		2			\$ 200,000								\$ 200,000	
Advanced Water Treatment Plant Improvements																					
6	AWTP pull-barn style covers for outdoor equipment & control panels (1,2)					20	80		2			\$ 50,000								\$ 50,000	
7	Miscellaneous instrumentation - monitoring upgrades, added effluent flow meter					20	80		1	\$ 10,000										\$ 10,000	
8	Sems, Hach WIMS, or custom programmer for logging/reporting software and tablets (yr 1 is software/programming assistance)					20	80		2	\$ 4,000	\$ 6,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 26,000	
9	Installation of remote sensing instrumentation at SS creek (needs access agreement with State Parks)					20	80		3			\$ 10,000								\$ 10,000	
Long-Term Improvement Modifications																					
10	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	
11	Pipeline from Well SS-1 to surface water treatment plant (SWTP)					20		80	3						\$ 75,000	\$ 350,000				\$ 425,000	
12	Impoundment basin conversion to groundwater storage, pump station at storage basin , and connecting pipelines					20		80	3						\$ 75,000	\$ 350,000				\$ 425,000	
13	Solar Array System(1,2)								3			\$ 375,000								\$ 375,000	
2017 Cease & Desist Order Compliance - Non-capitalized Expenses																					
14	Short term flood damage/CDO response - consultants for surveying , project mngt assistance& inspection, surface water hydrology & geohydrological					20	80		1											\$ -	
15	Short term flood damage mitigation - drainage swale construction					20	80		1											\$ -	
16	Short term flood damage mitigation - closure plan equipment, installation, rentals, and temp power & controls							100	1	\$ 10,000										\$ 10,000	
17	Hauling off the last 18-inches of impoundment water & emptied impoundment cleaning							100	1	\$ 35,000										\$ 35,000	
Subtotal SWF CIP projects - noninflated \$/yr										\$ 244,000	\$ 6,000	\$ 647,000	\$ 2,000	\$ 2,000	\$ 152,000	\$ 752,000	\$ 1,302,000	\$ 2,000	\$ 2,000	\$ 3,111,000	
Priority Level 1 projects:										\$ 240,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Priority Level 2 projects:										\$ 4,000	\$ 6,000	\$ 252,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 276,000
Priority Level 3 projects:										\$ -	\$ -	\$ 385,000	\$ -	\$ -	\$ 150,000	\$ 750,000	\$ 1,300,000	\$ -	\$ -	\$ 2,585,000	
Priority Level 4 projects:										\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Cumulative SWF projects \$ (CIP projects, levels 1 through 4)										\$ 244,000	\$ 250,000	\$ 891,000	\$ 893,000	\$ 895,000	\$ 1,047,000	\$ 1,799,000	\$ 3,101,000	\$ 3,103,000	\$ 3,105,000	\$ 3,111,000	

- 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 approved 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.

Capital improvement plan

A **capital improvement plan** (CIP), or **capital improvement program**, is a short-range plan, usually four to ten years, which identifies capital projects and equipment purchases, provides a planning schedule and identifies options for financing the plan. Essentially, the plan provides a link between a municipality, and/or other local government entity and a comprehensive and strategic plan and the entity's annual budget.

Contents

Benefits
Features
Overall process
Specific steps

Benefits

A CIP provides many benefits including:

- Allows for a systematic evaluation of all potential projects at the same time.
- The ability to stabilize debt and consolidate projects to reduce borrowing costs.
- Serve as a public relations and economic development tool.
- A focus on preserving a governmental entity's infrastructure while ensuring the efficient use of public funds.
- An opportunity to foster cooperation among departments and an ability to inform other units of government of the entity's priorities.

Features

The CIP typically includes the following information:

- A listing of the capital projects or equipment to be purchased
- The projects ranked in order of preference
- The plan for financing the projects
- A timetable for the construction or completion of the project
- Justification for the project
- Explanation of expenses for the project

Overall process

Prior to undertaking the development of the CIP, the government entity will want to define the criteria for what kind of projects or equipment are to be included and organize a process for developing the plan. What is defined as a capital project or capital purchase may vary from city to county to district to state depending on the size of the local government provisioning the plan. Generally, they will be tangible items that have a life expectancy greater than one year.

A local government will also need to forecast where it believes it will face future demands and growth, which will involve an inventory of existing facilities, infrastructure and equipment. In addition, a local government will want to develop basic policies for implementing the plan. Because the CIP includes financing issues, the municipality may want to seek advice from their financial advisor and/or bond counsel. A review of the municipality's current finances is also vital.

Once the CIP is finalized, the local government may be required to hold a public hearing before the plan is adopted by a governing board and/or a bond review commission.

Specific steps

- 1 Establish a capital planning committee with bylaws
- 2 Take inventory and prepare an assessment of existing capital assets
- 3 Determine projected life of existing and proposed assets.
- 4 Create an asset decommission policy and procedure.
- 5 Develop an asset maintenance procedure and procedure.
- 6 Develop an asset replacement policy and procedure.
- 7 Evaluate previously approved, unimplemented or incomplete projects
- 8 Assess financial capacity
- 9 Solicit, compile and evaluate new project requests
- 10 Prioritize projects
- 11 Develop a financing plan with a focus on creating a reserve account for asset replacement.
- 12 Adopt a capital improvement program.
- 13 Monitor and manage approved projects within the CIP
- 14 Update existing/ongoing capital programs

Recommendations Regarding CIP Policy/Practices and Traceability of Incurred Cost

Request that CIP Definition, Assessment, Estimate and Financial Recording processes be discussed at the upcoming Joint Infrastructure/Financial Subcommittee Meeting.

General Observations

The community continuously focuses on financial data, challenging individual incurred cost, and equates their lack of visibility to an expectation of inappropriate expenditure by CCSD. In some cases, lack of individual understanding of business financial structures/practices is the hurdle to overcome. In others, lack of the underlying decision-making process drives the challenges heard. Unfortunately, it manifests itself as a lack of visibility and lack of trust.

Watching the current CIP review, I believe there is a real opportunity to strengthen CCSD in its operating disciplines and decision making.

Snapshot of Suggested CIP Policy/Practices

1. Write and Establish Policies/Procedures for CIP Initiation and Execution relative to Budget Reviews, Incurred Cost, and Close-Out/Historic Records
2. Identify CIP using a Capital Improvement Project Request document (Assign CIP Project Number)
 - a. Define project need, assign priority, describe purchase/activity, timeline to execute, define potential risk if delayed, estimated cost, basis of estimate
 - b. During FY budget formulation, review by Subcommittees
 - c. By incorporation to finalized budget, move project request from preliminary to approved, assign a segregated account designation in the accounting system to allow for discrete cost tracking.
 - d. Additional procedures would be defined for emergency or priority shifts.
3. Manage CIP
 - a. Maintain a master list of all approved in-process CIP's as well as lower priority or future need projects. Review periodically for priority assignment or timeline changes
 - b. Document revisions to the approved CIP (recorded on the Initial Project Request form), including associated cost estimates.
4. Close out of completed CIP
 - a. Perform a review of the project including summary of any issues and total completed cost.
 - b. Consider a close out procedure for the accounting project so that costs won't inadvertently hit a completed Project.

Effective Implementation assumes:

1. Commitment to writing and establishing policies and procedures relative to CIP for Budget, Tracking and Completion
2. The new accounting system can accommodate assignment of cost segregation on a by project basis.
3. The CCSD is willing to assign the upfront definition and commitment to review, as well as assign appropriate responsibility for the periodic validation of the process (e.g., financial committee member review would be a possible method)
4. Project revisions and historic information is maintained within established procedures.

Benefits

Takes steps toward establishing community trust in decisions and practices

Less manual intense practices in data gathering and status related to CIP

Establishes an easily assessable point of record for awarded Grants to project

Provides estimating/incurred cost history for future CIP

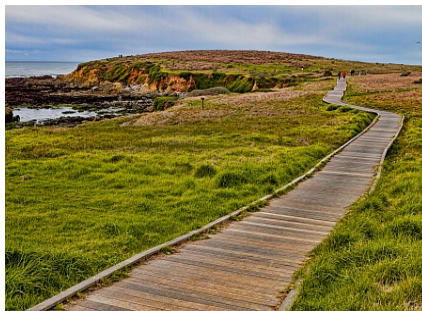
Establishes a more rigorous decision making/change approval process

Establishes an historic reference and timeline for initial project definitions and evolution of changes

Provides immediate traceability and tracking of incurred cost against a CIP line item

Provides historic record of approved revisions and estimates of cost relative to revisions

Cambria Community Services District



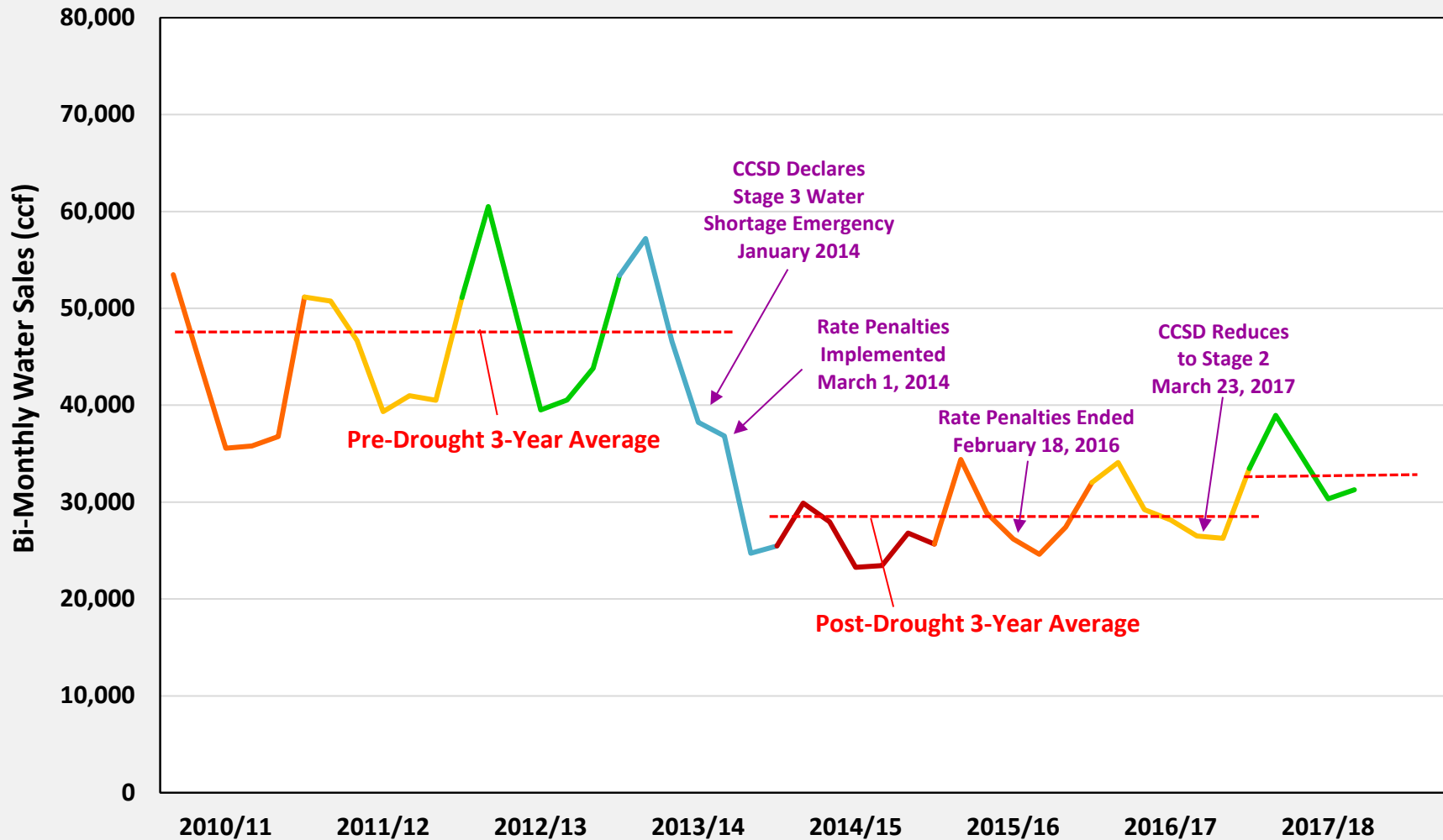
Water Rate Study Tables & Charts

Revised Draft 7/5/18

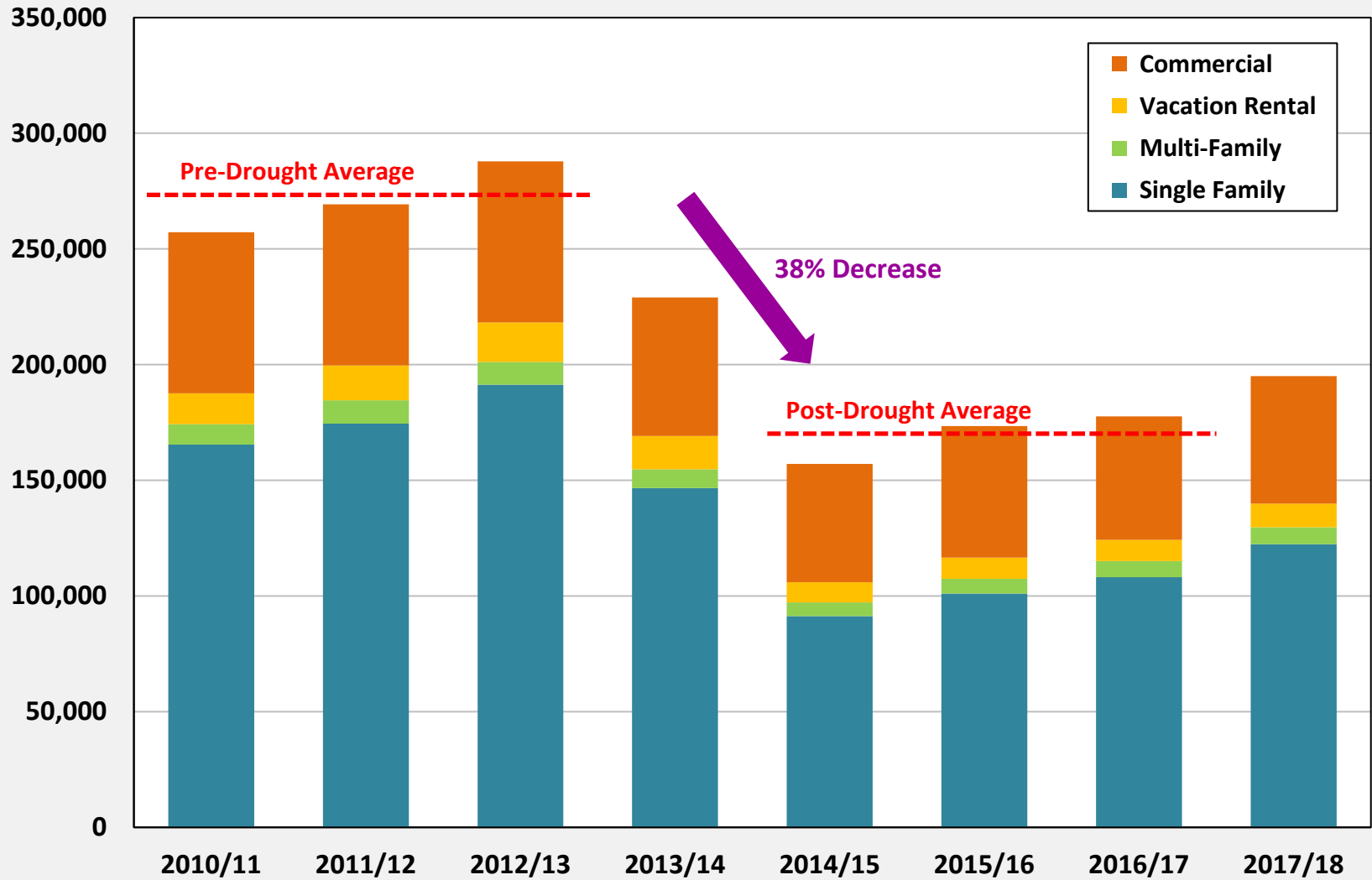


BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Cambria Community Services District Historical Use per Bi-Monthly Billing Period



Cambria Community Services District Annual Water Sales (hcf)



Cambria Community Services District Annual Water Rate Revenues

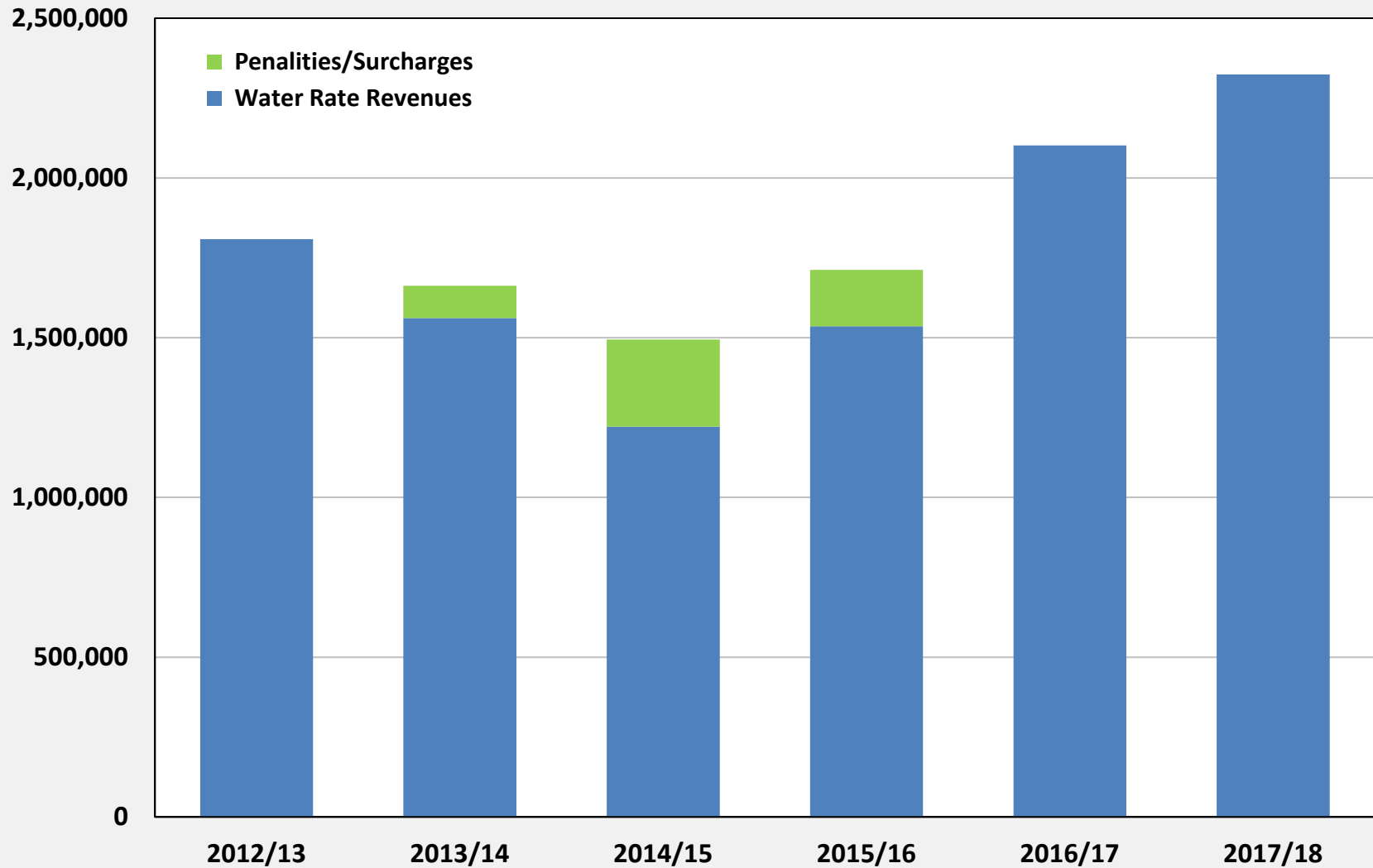


Table 1
Cambria Community Services District
Current Water Rates

FIXED BI-MONTHLY SERVICE CHARGES			Equivalent Rate per	
<i>Fixed charge billed regardless of use</i>			<u>Month</u>	<u>Day</u>
Residential (fixed charge per account)	\$27.58		\$13.79	\$0.45
Commercial (fixed charge per meter size)				
<u>Meter Size</u>				
5/8" or 3/4"	\$27.58		\$13.79	\$0.45
1"	68.95		34.48	1.13
1-1/2"	137.90		68.95	2.27
2" & Larger	275.80		137.90	4.53
WATER QUANTITY CHARGES			Equivalent Rate Per	
<i>Billed based on metered water use (\$/ccf)</i>			<u>100 gallons</u>	<u>1 gallon</u>
Residential Charges				
<u>Tier</u>	<u>Bi-Monthly Use</u>	<u>Rate per ccf</u>		
Tier 1	1 - 4 ccf	\$7.03	\$0.94	\$0.009
Tier 2	5 - 16 ccf	9.19	1.23	0.012
Tier 3	> 16 ccf	10.25	1.37	0.014
Commercial Charges				
Rate for All Water Use		\$9.19	\$1.23	\$0.012

1 ccf = 100 cubic feet, or approximately 748 gallons

Note: Fixed Service Charges currently recover roughly 30% of total rate revenues and Water Quantity Charges recover about 70% of total rate revenues.

Table 2
Cambria Community Services District
Water Accounts

Accounts by Customer Class		
Customer Class	Accounts	Dwelling Units
Residential		
Single Family Residential	3,367	3,367
Multi-Family Residential	135	228
Vacation Rental Units	<u>264</u>	<u>264</u>
Subtotal Residential	3,766	3,859
Commercial		
5/8" or 3/4"	153	
1"	23	
1-1/2"	0	
2" or larger	<u>55</u>	
Subtotal	231	
Total	3,997	

Table 3
Cambria Community Services District
Historical Water Sales

	JUL/AUG	SEPT/OCT	NOV/DEC	JAN/FEB	MAR/APR	MAY/JUN	TOTAL	% of Total
2012/13								
Single Family Residential	39,245	33,670	26,508	27,062	28,921	35,973	191,379	66.5%
Multi-Family Residential	1,747	1,547	1,441	1,643	1,637	1,787	9,802	3.4%
Vacation Rental	4,123	2,909	2,168	2,293	2,368	3,163	17,024	5.9%
<u>Commercial</u>	<u>15,393</u>	<u>11,969</u>	<u>9,398</u>	<u>9,552</u>	<u>10,881</u>	<u>12,464</u>	<u>69,657</u>	<u>24.2%</u>
Total	60,508	50,095	39,515	40,550	43,807	53,387	287,862	100.0%
<i>Change from prior year</i>	19.2%	7.4%	0.4%	-1.1%	8.1%	4.5%	6.9%	
2013/14								
Single Family Residential	39,814	29,734	25,664	22,727	14,206	14,560	146,705	64.1%
Multi-Family Residential	1,812	1,504	1,316	1,311	859	1,231	8,033	3.5%
Vacation Rental	4,459	2,831	2,301	2,114	1,316	1,396	14,417	6.3%
<u>Commercial</u>	<u>11,123</u>	<u>12,523</u>	<u>8,948</u>	<u>10,659</u>	<u>8,340</u>	<u>8,292</u>	<u>59,885</u>	<u>26.1%</u>
Total	57,208	46,592	38,229	36,811	24,721	25,479	229,040	100.0%
<i>Change from prior year</i>	-5.5%	-7.0%	-3.3%	-9.2%	-43.6%	-52.3%	-20.4%	
2014/15								
Single Family Residential	16,556	15,042	14,339	14,274	16,283	14,820	91,314	58.1%
Multi-Family Residential	1,034	973	943	931	1,033	1,011	5,925	3.8%
Vacation Rental	2,143	1,402	1,266	1,233	1,317	1,376	8,737	5.6%
<u>Commercial</u>	<u>10,160</u>	<u>10,553</u>	<u>6,719</u>	<u>7,021</u>	<u>8,166</u>	<u>8,456</u>	<u>51,075</u>	<u>32.5%</u>
Total	29,893	27,970	23,267	23,459	26,799	25,663	157,051	100.0%
<i>Change from prior year</i>	-47.7%	-40.0%	-39.1%	-36.3%	8.4%	0.7%	-31.4%	
2015/16								
Single Family Residential	16,896	17,060	15,902	15,244	16,590	19,307	100,999	58.2%
Multi-Family Residential	1,128	1,101	1,043	984	1,062	1,102	6,420	3.7%
Vacation Rental	1,870	1,676	1,312	1,262	1,313	1,706	9,139	5.3%
<u>Commercial/Internal</u>	<u>14,506</u>	<u>9,018</u>	<u>7,928</u>	<u>7,123</u>	<u>8,454</u>	<u>9,897</u>	<u>56,926</u>	<u>32.8%</u>
Total	34,400	28,855	26,185	24,613	27,419	32,012	173,484	100.0%
<i>Change from prior year</i>	15.1%	3.2%	12.5%	4.9%	2.3%	24.7%	10.5%	
2016/17								
Single Family Residential	20,531	17,436	17,182	15,905	16,194	20,829	108,077	60.8%
Multi-Family Residential	1,239	1,307	1,094	1,041	1,081	1,295	7,057	4.0%
Vacation Rental	2,207	1,541	1,312	1,236	1,160	1,699	9,155	5.2%
<u>Commercial/Internal</u>	<u>10,109</u>	<u>8,938</u>	<u>8,568</u>	<u>8,310</u>	<u>7,828</u>	<u>9,643</u>	<u>53,396</u>	<u>30.1%</u>
Total	34,086	29,222	28,156	26,492	26,263	33,466	177,685	100.0%
<i>Change from prior year</i>	-0.9%	1.3%	7.5%	7.6%	-4.2%	4.5%	2.4%	
2017/18								
Single Family Residential	23,860	22,226	19,430	20,045	16,811	20,068	122,440	62.8%
Multi-Family Residential	1,330	1,201	1,140	1,282	1,068	1,199	7,220	3.7%
Vacation Rental	2,326	1,878	1,524	1,533	1,248	1,703	10,212	5.2%
<u>Commercial/Internal</u>	<u>11,436</u>	<u>9,381</u>	<u>8,243</u>	<u>8,399</u>	<u>7,891</u>	<u>9,770</u>	<u>55,120</u>	<u>28.3%</u>
Total	38,952	34,686	30,337	31,259	27,018	32,739	194,991	100.0%
<i>Change from prior year</i>	14.3%	18.7%	7.7%	18.0%	2.9%	-2.2%	9.7%	

Table 4
Cambria Community Services District
Water Use per Class & Meter Size

Meter Size	Number of Accounts	Number of Dwelling Units	Water Use 2015/16	Bi-Mnthly Use Per Account	Water Use 2016/17	Bi-Mnthly Use Per Account	Water Use Est. 2017/18	Bi-Mnthly Use Per Account
Residential								
Single Family	3,367	3,367	100,999	5.0	108,077	5.3	122,440	6.1
Multi-Family	135	228	6,420	4.7	7,057	5.2	7,220	5.3
Vacation Rental Units	<u>264</u>	<u>264</u>	<u>9,139</u>	<u>5.8</u>	<u>9,155</u>	<u>5.8</u>	<u>10,212</u>	<u>6.4</u>
Total	3,766	3,859	116,558	5.0	124,289	5.4	139,871	6.0

Table 5
Cambria Community Services District
Water Rate Revenues by Billing Period

	Jul/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/Apr	May/Jun	Total	F/V %
2015/16								
Water Rate Revenues								
Fixed Service Charges	\$102,937	\$102,730	\$102,828	\$102,864	\$115,314	\$115,127	\$641,800	41.7%
Water Quantity Charges	124,569	116,095	101,617	92,773	211,292	249,393	895,739	58.3%
Adjustments	<u>(24)</u>	<u>(56)</u>	<u>(27)</u>	<u>(122)</u>	<u>(332)</u>	<u>(1,378)</u>	<u>(1,939)</u>	
Total	227,482	218,769	204,418	195,515	326,274	363,142	1,535,600	
Penalty/Surcharge								
Adjustments	<u>(4,299)</u>	<u>(51,049)</u>	<u>(22,850)</u>	<u>(33,962)</u>	<u>(28,716)</u>	<u>(9,617)</u>	<u>(150,493)</u>	
Total	122,991	31,535	27,824	32,651	(28,716)	(9,617)	176,668	
Combined Total	350,473	250,304	232,242	228,166	297,558	353,525	1,712,268	
2016/17								
Water Rate Revenues								
Fixed Service Charges	115,161	115,252	115,479	115,539	119,875	119,721	701,027	33.3%
Water Quantity Charges	271,877	226,322	217,595	203,642	210,247	272,132	1,401,815	66.7%
Adjustments	<u>(606)</u>	<u>(7)</u>	<u>(8)</u>	<u>0</u>	<u>(171)</u>	<u>(14)</u>	<u>(806)</u>	
Total	386,432	341,567	333,066	319,181	329,951	391,839	2,102,036	
Increase: Rates Only	69.9%	56.1%	62.9%	63.3%	1.1%	7.9%	36.9%	
2017/18								
Water Rate Revenues								
Fixed Service Charges	119,750	119,758	120,002	119,988	124,708	Estimated 120,000	724,206	31.1%
Water Quantity Charges	319,637	282,878	244,809	253,233	224,615	280,000	1,605,172	68.9%
Adjustments	<u>(1,063)</u>	<u>(741)</u>	<u>(3,288)</u>	<u>(539)</u>	<u>0</u>	<u>0</u>	<u>(5,631)</u>	
Total	438,324	401,895	361,523	372,682	349,323	400,000	2,323,747	
Increase: Rates Only	13.4%	17.7%	8.5%	16.8%	5.9%	2.1%	10.5%	

Source: CCSD Bi-Monthly Billing Summaries.

Table 6
 Cambria Community Services District
 Water Capital Improvement Projects

5-Year CIP Average (With Inflation): \$953,000
 10-Year CIP Average (With Inflation): 716,000

	1	2	3	4	5	6	7	8	9	10	Total
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	
Capital Improvement Projects (Jan 2018 \$)											
Priority 1	234,000	239,000	294,000	214,000	214,000	214,000	-	-	-	-	1,409,000
Priority 2	220,000	272,000	746,000	546,000	554,000	96,000	96,000	96,000	96,000	96,000	2,818,000
Priority 3*	50,000	100,000	150,000	280,000	155,000	80,000	180,000	846,000	30,000	30,000	1,901,000
Priority 4	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Total	514,000	621,000	1,200,000	1,050,000	933,000	400,000	286,000	952,000	136,000	136,000	6,228,000
Capital Improvement Projects (With Cost Inflation)											
Cost Inflation	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	
Cost Inflation	1.030	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344	
Priority 1	241,000	254,000	321,000	241,000	248,000	256,000	-	-	-	-	1,561,000
Priority 2	227,000	289,000	815,000	615,000	642,000	115,000	118,000	122,000	125,000	129,000	3,197,000
Priority 3	52,000	106,000	164,000	315,000	180,000	96,000	221,000	1,072,000	39,000	40,000	2,285,000
Priority 4	10,000	11,000	11,000	11,000	12,000	12,000	12,000	13,000	13,000	13,000	118,000
Total	530,000	660,000	1,311,000	1,182,000	1,082,000	479,000	351,000	1,207,000	177,000	182,000	7,161,000

* Potential future relining or replacement of water transmission main under S. Parks wetlands area deferred until years 6 - 8.

Table 7
Cambria Community Services District
New Staff Positions & Staffing Re-Allocations

	FTEs	Start Date	Salaries & Benefits	Allocation %				Allocation \$			
				Water	SWF	Sewer	Admin	Water	SWF	Sewer	Admin
New Staff Positions											
Wastewater Collection Syst. Operators	2	1/1/19	169,900	0%	0%	100%	0%	0	0	169,900	0
Water Operator II	1	1/1/19	91,900	100%	0%	0%	0%	91,900	0	0	0
Utility Manager	1	7/1/18	127,600	25%	25%	50%	0%	31,900	31,900	63,800	0
Clerical Assistant	1	7/1/18	47,100	0%	0%	0%	100%	0	0	0	47,100
Subtotal	5		436,500	28.4%	7.3%	53.5%	10.8%	123,800	31,900	233,700	47,100
Staffing Re-Allocations											
SWF Chief Plant Operator			128,500	20%	80%	0%	0%	25,700	102,800	0	0
<i>Less Costs Included in FY18 Budget</i>			(130,000)	0%	100%	0%	0%	0	(130,000)	0	0
Administrative Technician IV			100,500	30%	50%	20%	0%	30,150	50,250	20,100	0
<i>Less Costs Included in FY18 Budget</i>			(100,500)	0%	0%	0%	100%	0	0	0	(100,500)
Subtotal			(1,500)					55,850	23,050	20,100	(100,500)
Net Staffing Cost Increases			435,000	41.3%	12.6%	58.3%	-12.3%	179,650	54,950	253,800	(53,400)

Table 8A
Cambria Community Services District
Water Financial Projections

Scenario A: Front-Load Rate Increase

	0 2017/18	1 2018/19	2 2019/20	3 2020/21	4 2021/22	5 2022/23
Effective Date of Rate Increases	Jan-1	Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	32%	0%	0%	4%	4%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Water Sales %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning Water Fund Reserves	\$1,325,000	\$1,588,000	\$1,624,000	\$1,728,000	\$1,754,000	\$1,771,000
REVENUES						
Fixed Water Service Charges	728,000	907,000	980,000	987,000	1,020,000	1,061,000
Water Quantity Charges	<u>1,620,000</u>	<u>1,986,000</u>	<u>2,173,000</u>	<u>2,196,000</u>	<u>2,269,000</u>	<u>2,360,000</u>
Subtotal	2,348,000	2,893,000	3,153,000	3,183,000	3,289,000	3,421,000
Standby Availability	178,000	178,000	178,000	178,000	178,000	178,000
Interest Income	17,000	24,000	32,000	35,000	35,000	35,000
Wait List Fees	62,000	62,000	62,000	62,000	62,000	62,000
Capacity Charges from Growth	20,000	0	0	0	0	0
Resource Conserv/Remodel Fees	70,000	70,000	70,000	70,000	70,000	70,000
Other: Acct Svcs/Admin/Late Fees	<u>78,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	2,773,000	3,297,000	3,565,000	3,598,000	3,704,000	3,836,000
EXPENSES						
<u>Water System Operations</u>						
Salaries & Benefits	847,000	789,000	871,000	906,000	942,000	980,000
Additional Staffing Needs	0	135,000	187,000	194,000	202,000	210,000
Maintenance & Repair	255,000	279,000	290,000	302,000	314,000	327,000
Utilities	176,000	163,000	170,000	177,000	184,000	191,000
Professional Services	101,000	95,000	99,000	103,000	107,000	111,000
Services & Supplies/Other	59,000	91,000	95,000	99,000	103,000	107,000
Government Fees & Dues	60,000	60,000	62,000	64,000	67,000	70,000
Well Site Lease	39,000	40,000	42,000	44,000	46,000	48,000
Admin Overhead	<u>909,000</u>	<u>909,000</u>	<u>945,000</u>	<u>983,000</u>	<u>1,022,000</u>	<u>1,063,000</u>
Subtotal	2,446,000	2,561,000	2,761,000	2,872,000	2,987,000	3,107,000
Capital Improvement Projects	64,000	700,000	700,000	700,000	700,000	700,000
Total Expenses	2,510,000	3,261,000	3,461,000	3,572,000	3,687,000	3,807,000
Revenues Less Expenses	263,000	36,000	104,000	26,000	17,000	29,000
Ending Fund Reserves	1,588,000	1,624,000	1,728,000	1,754,000	1,771,000	1,800,000
Fund Rsrvs as % of O&M	65%	63%	63%	61%	59%	58%

Table 8A
Cambria Community Services District
Water Financial Projections

Scenario A: Front-Load Rate Increase

	6 2023/24	7 2024/25	8 2025/26	9 2026/27	10 2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	4%	4%	4%	3%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Water Sales %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning Water Fund Reserves	\$1,800,000	\$1,817,000	\$1,821,000	\$1,839,000	\$1,873,000
REVENUES					
Fixed Water Service Charges	1,103,000	1,147,000	1,193,000	1,241,000	1,280,000
Water Quantity Charges	<u>2,454,000</u>	<u>2,552,000</u>	<u>2,654,000</u>	<u>2,761,000</u>	<u>2,848,000</u>
<i>Subtotal</i>	<i>3,557,000</i>	<i>3,699,000</i>	<i>3,847,000</i>	<i>4,002,000</i>	<i>4,128,000</i>
Standby Availability	178,000	178,000	178,000	178,000	178,000
Interest Income	36,000	36,000	36,000	37,000	37,000
Wait List Fees	62,000	62,000	62,000	62,000	62,000
Capacity Charges from Growth	0	0	0	0	0
Resource Conserv/Remodel Fees	70,000	70,000	70,000	70,000	70,000
Other: Acct Svcs/Admin/Late Fees	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	3,973,000	4,115,000	4,263,000	4,419,000	4,545,000
EXPENSES					
<u>Water System Operations</u>					
Salaries & Benefits	1,019,000	1,060,000	1,102,000	1,146,000	1,192,000
Additional Staffing Needs	218,000	227,000	236,000	245,000	255,000
Maintenance & Repair	340,000	354,000	368,000	383,000	398,000
Utilities	199,000	207,000	215,000	224,000	233,000
Professional Services	115,000	120,000	125,000	130,000	135,000
Services & Supplies/Other	111,000	115,000	120,000	125,000	130,000
Government Fees & Dues	73,000	76,000	79,000	82,000	85,000
Well Site Lease	50,000	52,000	54,000	56,000	58,000
Admin Overhead	<u>1,106,000</u>	<u>1,150,000</u>	<u>1,196,000</u>	<u>1,244,000</u>	<u>1,294,000</u>
<i>Subtotal</i>	<i>3,231,000</i>	<i>3,361,000</i>	<i>3,495,000</i>	<i>3,635,000</i>	<i>3,780,000</i>
Capital Improvement Projects	725,000	750,000	750,000	750,000	750,000
Total Expenses	3,956,000	4,111,000	4,245,000	4,385,000	4,530,000
Revenues Less Expenses	17,000	4,000	18,000	34,000	15,000
Ending Fund Reserves	1,817,000	1,821,000	1,839,000	1,873,000	1,888,000
Fund Rsrvs as % of O&M	56%	54%	53%	52%	50%

Table 9A
Cambria Community Services District
Proposed Water Rates

Scenario A: Front-Load Rate Increase
No Change to Rate Structure

	Current Water Rates	Proposed Water Rates Effective On or After						
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022		
Rate Increase %		32%	0%	0%	4%	4%		
FIXED WATER SERVICE CHARGES								
Residential								
Monthly Charge	\$13.79	\$18.20	\$18.20	\$18.20	\$18.93	\$19.69		
<i>Bi-Monthly Charge</i>	27.58	36.40	36.40	36.40	37.86	39.38		
Commercial								
<u>Monthly Charge per Meter Size</u>								
5/8" or 3/4"	\$13.79	\$18.20	\$18.20	\$18.20	\$18.93	\$19.69		
1"	34.48	45.50	45.50	45.50	47.33	49.23		
1-1/2"	68.95	91.00	91.00	91.00	94.65	98.45		
2" & Larger	137.90	182.00	182.00	182.00	189.30	196.90		
WATER QUANTITY CHARGES								
<i>Billed based on metered water use (\$/ccf)</i>								
Residential Charges								
<u>Tier</u>	<u>Bi-Monthly</u>	<u>Monthly</u>						
Tier 1	First 4 ccf	First 2 ccf	\$7.03	\$9.28	\$9.28	\$9.28	\$9.65	\$10.04
Tier 2	4.01 - 16 ccf	2.01 - 8 ccf	9.19	12.13	12.13	12.13	12.62	13.12
Tier 3	> 16 ccf	> 8 ccf	10.25	13.53	13.53	13.52	14.05	14.60
Commercial Charges								
Rate for All Water Use	\$9.19	\$12.13	\$12.13	\$12.13	\$12.62	\$13.12		

* Note: Fixed charge currently applies per account, not per residential dwelling unit.

1 ccf = 100 cubic feet, or approximately 748 gallons

Table 10A
Cambria Community Services District
Water Rate Impacts

Scenario A: Front-Load Rate Increase

	Bi-Monthly Water Use (ccf)	Est % of Bills at or Below	Current Bi-Monthly Water Bill	Projected Bi-Monthly Water Bills				
				Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Single Family Residential Rate Impacts								
Very Low Use <i>Monthly Equivalent</i>	2	30%	\$41.64 20.82	\$54.96 27.48	\$54.96 27.48	\$54.96 27.48	\$57.16 28.58	\$59.46 29.73
Low Use (Median) <i>Monthly Equivalent</i>	4	50%	55.70 27.85	73.52 36.76	73.52 36.76	73.52 36.76	76.46 38.23	79.54 39.77
Moderate Use <i>Monthly Equivalent</i>	6	70%	74.08 37.04	97.78 48.89	97.78 48.89	97.78 48.89	101.70 50.85	105.78 52.89
Mod-High Use <i>Monthly Equivalent</i>	10	90%	110.84 55.42	146.30 73.15	146.30 73.15	146.30 73.15	152.18 76.09	158.26 79.13
Very High Use <i>Monthly Equivalent</i>	20	99%	202.74 101.37	267.60 133.80	267.60 133.80	267.60 133.80	278.38 139.19	289.46 144.73
Sample Commercial Rate Impacts								
Meter Size 5/8" or 3/4"								
Very Low Use <i>Monthly Equivalent</i>	2		\$45.96 22.98	\$60.66 30.33	\$60.66 30.33	\$60.66 30.33	\$63.10 31.55	\$65.62 32.81
Low Use <i>Monthly Equivalent</i>	4		64.34 32.17	84.92 42.46	84.92 42.46	84.92 42.46	88.34 44.17	91.86 45.93
Moderate Use <i>Monthly Equivalent</i>	10		119.48 59.74	157.70 78.85	157.70 78.85	157.70 78.85	164.06 82.03	170.58 85.29
Mod-High Use <i>Monthly Equivalent</i>	20		211.38 105.69	279.00 139.50	279.00 139.50	279.00 139.50	290.26 145.13	301.78 150.89
High Use <i>Monthly Equivalent</i>	40		395.18 197.59	521.60 260.80	521.60 260.80	521.60 260.80	542.66 271.33	564.18 282.09
Large Commercial, Meter Size 2"+								
Mod-Low Use <i>Monthly Equivalent</i>	50		735.30 367.65	\$970.50 485.25	\$970.50 485.25	\$970.50 485.25	\$1,009.60 504.80	\$1,049.80 524.90
Mod-High Use <i>Monthly Equivalent</i>	100		1,194.80 597.40	1,577.00 788.50	1,577.00 788.50	1,577.00 788.50	1,640.60 820.30	1,705.80 852.90
High Use <i>Monthly Equivalent</i>	200		2,113.80 1,056.90	2,790.00 1,395.00	2,790.00 1,395.00	2,790.00 1,395.00	2,902.60 1,451.30	3,017.80 1,508.90

Table 8B
Cambria Community Services District
Water Financial Projections

Scenario B: Phased Approach
3-Year Phase-In to \$700K Annual CIP Funding

	0 2017/18	1 2018/19	2 2019/20	3 2020/21	4 2021/22	5 2022/23
Effective Date of Rate Increases	Jan-1	Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	15%	10%	5%	4%	4%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Water Sales %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning Water Fund Reserves	\$1,325,000	\$1,502,000	\$1,567,000	\$1,606,000	\$1,623,000	\$1,657,000
REVENUES						
Fixed Water Service Charges	728,000	818,000	928,000	985,000	1,026,000	1,067,000
Water Quantity Charges	<u>1,620,000</u>	<u>1,805,000</u>	<u>2,061,000</u>	<u>2,192,000</u>	<u>2,283,000</u>	<u>2,375,000</u>
Subtotal	2,348,000	2,623,000	2,989,000	3,177,000	3,309,000	3,442,000
Standby Availability	178,000	178,000	178,000	178,000	178,000	178,000
Interest Income	17,000	23,000	31,000	32,000	32,000	33,000
Wait List Fees	62,000	62,000	62,000	62,000	62,000	62,000
Capacity Charges from Growth	20,000	0	0	0	0	0
Resource Conserv/Remodel Fees	70,000	70,000	70,000	70,000	70,000	70,000
Other: Acct Svcs/Admin/Late Fees	<u>78,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	2,773,000	3,026,000	3,400,000	3,589,000	3,721,000	3,855,000
EXPENSES						
<u>Water System Operations</u>						
Salaries & Benefits	847,000	789,000	871,000	906,000	942,000	980,000
Additional Staffing Needs	0	135,000	187,000	194,000	202,000	210,000
Maintenance & Repair	255,000	279,000	290,000	302,000	314,000	327,000
Utilities	176,000	163,000	170,000	177,000	184,000	191,000
Professional Services	101,000	95,000	99,000	103,000	107,000	111,000
Services & Supplies/Other	59,000	91,000	95,000	99,000	103,000	107,000
Government Fees & Dues	60,000	60,000	62,000	64,000	67,000	70,000
Well Site Lease	39,000	40,000	42,000	44,000	46,000	48,000
Admin Overhead	<u>909,000</u>	<u>909,000</u>	<u>945,000</u>	<u>983,000</u>	<u>1,022,000</u>	<u>1,063,000</u>
Subtotal	2,446,000	2,561,000	2,761,000	2,872,000	2,987,000	3,107,000
Capital Improvement Projects	150,000	400,000	600,000	700,000	700,000	700,000
Total Expenses	2,596,000	2,961,000	3,361,000	3,572,000	3,687,000	3,807,000
Revenues Less Expenses	177,000	65,000	39,000	17,000	34,000	48,000
Ending Fund Reserves	1,502,000	1,567,000	1,606,000	1,623,000	1,657,000	1,705,000
Fund Rsrvs as % of O&M	61%	61%	58%	57%	55%	55%

Table 8B
Cambria Community Services District
Water Financial Projections

Scenario B: Phased Approach
3-Year Phase-In to \$700K Annual CIP Funding

	6 2023/24	7 2024/25	8 2025/26	9 2026/27	10 2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	4%	4%	4%	3%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Water Sales %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning Water Fund Reserves	\$1,705,000	\$1,718,000	\$1,744,000	\$1,786,000	\$1,844,000
REVENUES					
Fixed Water Service Charges	1,110,000	1,155,000	1,201,000	1,249,000	1,288,000
Water Quantity Charges	<u>2,470,000</u>	<u>2,568,000</u>	<u>2,671,000</u>	<u>2,778,000</u>	<u>2,866,000</u>
<i>Subtotal</i>	<i>3,580,000</i>	<i>3,723,000</i>	<i>3,872,000</i>	<i>4,027,000</i>	<i>4,154,000</i>
Standby Availability	178,000	178,000	178,000	178,000	178,000
Interest Income	34,000	34,000	35,000	36,000	37,000
Wait List Fees	62,000	62,000	62,000	62,000	62,000
Capacity Charges from Growth	0	0	0	0	0
Resource Conserv/Remodel Fees	70,000	70,000	70,000	70,000	70,000
Other: Acct Svcs/Admin/Late Fees	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	3,994,000	4,137,000	4,287,000	4,443,000	4,571,000
EXPENSES					
<u>Water System Operations</u>					
Salaries & Benefits	1,019,000	1,060,000	1,102,000	1,146,000	1,192,000
Additional Staffing Needs	218,000	227,000	236,000	245,000	255,000
Maintenance & Repair	340,000	354,000	368,000	383,000	398,000
Utilities	199,000	207,000	215,000	224,000	233,000
Professional Services	115,000	120,000	125,000	130,000	135,000
Services & Supplies/Other	111,000	115,000	120,000	125,000	130,000
Government Fees & Dues	73,000	76,000	79,000	82,000	85,000
Well Site Lease	50,000	52,000	54,000	56,000	58,000
Admin Overhead	<u>1,106,000</u>	<u>1,150,000</u>	<u>1,196,000</u>	<u>1,244,000</u>	<u>1,294,000</u>
<i>Subtotal</i>	<i>3,231,000</i>	<i>3,361,000</i>	<i>3,495,000</i>	<i>3,635,000</i>	<i>3,780,000</i>
Capital Improvement Projects	750,000	750,000	750,000	750,000	750,000
Total Expenses	3,981,000	4,111,000	4,245,000	4,385,000	4,530,000
Revenues Less Expenses	13,000	26,000	42,000	58,000	41,000
Ending Fund Reserves	1,718,000	1,744,000	1,786,000	1,844,000	1,885,000
Fund Rsrvs as % of O&M	53%	52%	51%	51%	50%

Table 9B
Cambria Community Services District
Proposed Water Rates

Scenario B: Phased Approach
3-Year Phase-In to \$700K Annual CIP Funding
No Change to Rate Structure

	Current Water Rates	Proposed Water Rates Effective On or After						
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022		
Rate Increase %		15%	10%	5%	4%	4%		
FIXED WATER SERVICE CHARGES								
Residential								
Monthly Charge	\$13.79	\$15.86	\$17.45	\$18.32	\$19.05	\$19.81		
<i>Bi-Monthly Charge</i>	<i>27.58</i>	<i>31.72</i>	<i>34.90</i>	<i>36.64</i>	<i>38.10</i>	<i>39.62</i>		
Commercial								
<u>Monthly Charge per Meter Size</u>								
5/8" or 3/4"	\$13.79	\$15.86	\$17.45	\$18.32	\$19.05	\$19.81		
1"	34.48	39.65	43.63	45.80	47.63	49.53		
1-1/2"	68.95	79.30	87.25	91.60	95.25	99.05		
2" & Larger	137.90	158.60	174.50	183.20	190.50	198.10		
WATER QUANTITY CHARGES								
<i>Billed based on metered water use (\$/ccf)</i>								
Residential Charges								
<u>Tier</u>	<u>Bi-Monthly</u>	<u>Monthly</u>						
Tier 1	First 4 ccf	First 2 ccf	\$7.03	\$8.08	\$8.89	\$9.33	\$9.70	\$10.09
Tier 2	4.01 - 16 ccf	2.01 - 8 ccf	9.19	10.57	11.63	12.21	12.70	13.21
Tier 3	> 16 ccf	> 8 ccf	10.25	11.79	12.97	13.61	14.14	14.70
Commercial Charges								
Rate for All Water Use	\$9.19	\$10.57	\$11.63	\$12.21	\$12.70	\$13.21		

* Note: Fixed charge currently applies per account, not per residential dwelling unit.

1 ccf = 100 cubic feet, or approximately 748 gallons

Table 10B
Cambria Community Services District
Water Rate Impacts

Scenario B: Phased Approach
3-Year Phase-In to \$700K Annual CIP Funding

	Bi-Monthly Water Use (ccf)	Est % of Bills at or Below	Current Bi-Monthly Water Bill	Projected Bi-Monthly Water Bills				
				Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Single Family Residential Rate Impacts								
Very Low Use <i>Monthly Equivalent</i>	2	30%	\$41.64 20.82	\$47.88 23.94	\$52.68 26.34	\$55.30 27.65	\$57.50 28.75	\$59.80 29.90
Low Use (Median) <i>Monthly Equivalent</i>	4	50%	55.70 27.85	64.04 32.02	70.46 35.23	73.96 36.98	76.90 38.45	79.98 39.99
Moderate Use <i>Monthly Equivalent</i>	6	70%	74.08 37.04	85.18 42.59	93.72 46.86	98.38 49.19	102.30 51.15	106.40 53.20
Mod-High Use <i>Monthly Equivalent</i>	10	90%	110.84 55.42	127.46 63.73	140.24 70.12	147.22 73.61	153.10 76.55	159.24 79.62
Very High Use <i>Monthly Equivalent</i>	20	99%	202.74 101.37	233.16 116.58	256.54 128.27	269.32 134.66	280.10 140.05	291.34 145.67
Sample Commercial Rate Impacts								
Meter Size 5/8" or 3/4"								
Very Low Use <i>Monthly Equivalent</i>	2		\$45.96 22.98	\$52.86 26.43	\$58.16 29.08	\$61.06 30.53	\$63.50 31.75	\$66.04 33.02
Low Use <i>Monthly Equivalent</i>	4		64.34 32.17	74.00 37.00	81.42 40.71	85.48 42.74	88.90 44.45	92.46 46.23
Moderate Use <i>Monthly Equivalent</i>	10		119.48 59.74	137.42 68.71	151.20 75.60	158.74 79.37	165.10 82.55	171.72 85.86
Mod-High Use <i>Monthly Equivalent</i>	20		211.38 105.69	243.12 121.56	267.50 133.75	280.84 140.42	292.10 146.05	303.82 151.91
High Use <i>Monthly Equivalent</i>	40		395.18 197.59	454.52 227.26	500.10 250.05	525.04 262.52	546.10 273.05	568.02 284.01
Large Commercial, Meter Size 2"+								
Mod-Low Use <i>Monthly Equivalent</i>	50		735.30 367.65	\$845.70 422.85	\$930.50 465.25	\$976.90 488.45	\$1,016.00 508.00	\$1,056.70 528.35
Mod-High Use <i>Monthly Equivalent</i>	100		1,194.80 597.40	1,374.20 687.10	1,512.00 756.00	1,587.40 793.70	1,651.00 825.50	1,717.20 858.60
High Use <i>Monthly Equivalent</i>	200		2,113.80 1,056.90	2,431.20 1,215.60	2,675.00 1,337.50	2,808.40 1,404.20	2,921.00 1,460.50	3,038.20 1,519.10

Scenario B: Phased Approach

Cambria Community Services District Typical Monthly Residential Water Charges

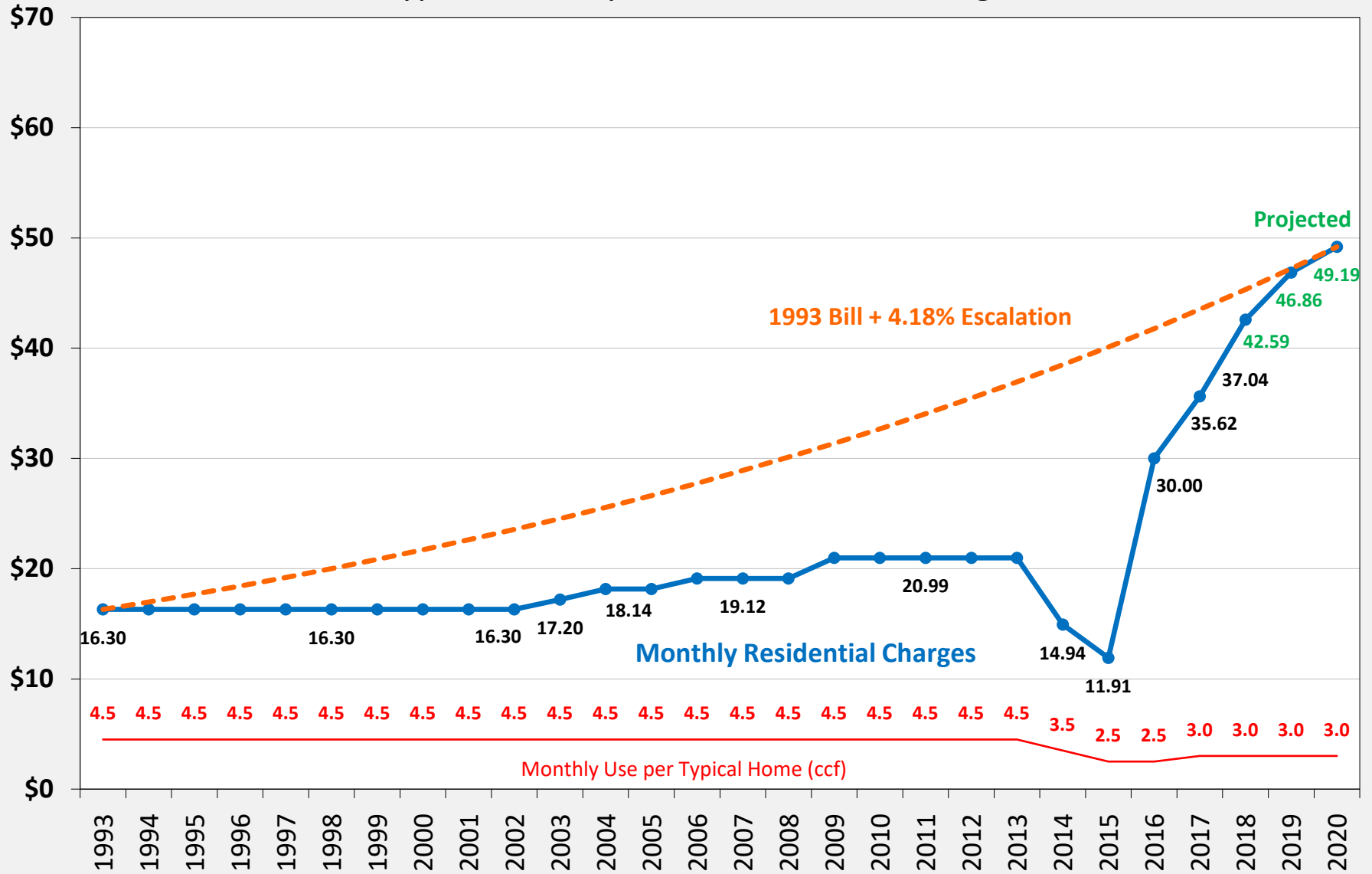


Table 8C
Cambria Community Services District
Water Financial Projections

Scenario C: Reduced Phase-In
3-Year Phase-In to \$500K Annual CIP Funding

	0 2017/18	1 2018/19	2 2019/20	3 2020/21	4 2021/22	5 2022/23
Effective Date of Rate Increases	Jan-1	Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	10%	8%	6%	6%	6%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Water Sales %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning Water Fund Reserves	\$1,325,000	\$1,502,000	\$1,588,000	\$1,657,000	\$1,706,000	\$1,722,000
REVENUES						
Fixed Water Service Charges	728,000	793,000	875,000	933,000	989,000	1,048,000
Water Quantity Charges	<u>1,620,000</u>	<u>1,751,000</u>	<u>1,943,000</u>	<u>2,075,000</u>	<u>2,200,000</u>	<u>2,332,000</u>
Subtotal	2,348,000	2,544,000	2,818,000	3,008,000	3,189,000	3,380,000
Standby Availability	178,000	178,000	178,000	178,000	178,000	178,000
Interest Income	17,000	23,000	32,000	33,000	34,000	34,000
Wait List Fees	62,000	62,000	62,000	62,000	62,000	62,000
Capacity Charges from Growth	20,000	0	0	0	0	0
Resource Conserv/Remodel Fees	70,000	70,000	70,000	70,000	70,000	70,000
Other: Acct Svcs/Admin/Late Fees	<u>78,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	2,773,000	2,947,000	3,230,000	3,421,000	3,603,000	3,794,000
EXPENSES						
<u>Water System Operations</u>						
Salaries & Benefits	847,000	789,000	871,000	906,000	942,000	980,000
Additional Staffing Needs	0	135,000	187,000	194,000	202,000	210,000
Maintenance & Repair	255,000	279,000	290,000	302,000	314,000	327,000
Utilities	176,000	163,000	170,000	177,000	184,000	191,000
Professional Services	101,000	95,000	99,000	103,000	107,000	111,000
Services & Supplies/Other	59,000	91,000	95,000	99,000	103,000	107,000
Government Fees & Dues	60,000	60,000	62,000	64,000	67,000	70,000
Well Site Lease	39,000	40,000	42,000	44,000	46,000	48,000
Admin Overhead	<u>909,000</u>	<u>909,000</u>	<u>945,000</u>	<u>983,000</u>	<u>1,022,000</u>	<u>1,063,000</u>
Subtotal	2,446,000	2,561,000	2,761,000	2,872,000	2,987,000	3,107,000
Capital Improvement Projects	150,000	300,000	400,000	500,000	600,000	650,000
Total Expenses	2,596,000	2,861,000	3,161,000	3,372,000	3,587,000	3,757,000
Revenues Less Expenses	177,000	86,000	69,000	49,000	16,000	37,000
Ending Fund Reserves	1,502,000	1,588,000	1,657,000	1,706,000	1,722,000	1,759,000
Fund Rsrvs as % of O&M	61%	62%	60%	59%	58%	57%

Table 8C
Cambria Community Services District
Water Financial Projections

Scenario C: Reduced Phase-In
3-Year Phase-In to \$500K Annual CIP Funding

	6 2023/24	7 2024/25	8 2025/26	9 2026/27	10 2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	5%	4%	4%	4%	4%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Water Sales %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning Water Fund Reserves	\$1,759,000	\$1,797,000	\$1,804,000	\$1,825,000	\$1,861,000
REVENUES					
Fixed Water Service Charges	1,102,000	1,148,000	1,194,000	1,242,000	1,291,000
Water Quantity Charges	<u>2,452,000</u>	<u>2,554,000</u>	<u>2,656,000</u>	<u>2,762,000</u>	<u>2,873,000</u>
<i>Subtotal</i>	<i>3,554,000</i>	<i>3,702,000</i>	<i>3,850,000</i>	<i>4,004,000</i>	<i>4,164,000</i>
Standby Availability	178,000	178,000	178,000	178,000	178,000
Interest Income	35,000	36,000	36,000	37,000	37,000
Wait List Fees	62,000	62,000	62,000	62,000	62,000
Capacity Charges from Growth	0	0	0	0	0
Resource Conserv/Remodel Fees	70,000	70,000	70,000	70,000	70,000
Other: Acct Svcs/Admin/Late Fees	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	3,969,000	4,118,000	4,266,000	4,421,000	4,581,000
EXPENSES					
<u>Water System Operations</u>					
Salaries & Benefits	1,019,000	1,060,000	1,102,000	1,146,000	1,192,000
Additional Staffing Needs	218,000	227,000	236,000	245,000	255,000
Maintenance & Repair	340,000	354,000	368,000	383,000	398,000
Utilities	199,000	207,000	215,000	224,000	233,000
Professional Services	115,000	120,000	125,000	130,000	135,000
Services & Supplies/Other	111,000	115,000	120,000	125,000	130,000
Government Fees & Dues	73,000	76,000	79,000	82,000	85,000
Well Site Lease	50,000	52,000	54,000	56,000	58,000
Admin Overhead	<u>1,106,000</u>	<u>1,150,000</u>	<u>1,196,000</u>	<u>1,244,000</u>	<u>1,294,000</u>
<i>Subtotal</i>	<i>3,231,000</i>	<i>3,361,000</i>	<i>3,495,000</i>	<i>3,635,000</i>	<i>3,780,000</i>
Capital Improvement Projects	700,000	750,000	750,000	750,000	750,000
Total Expenses	3,931,000	4,111,000	4,245,000	4,385,000	4,530,000
Revenues Less Expenses	38,000	7,000	21,000	36,000	51,000
Ending Fund Reserves	1,797,000	1,804,000	1,825,000	1,861,000	1,912,000
Fund Rsrvs as % of O&M	56%	54%	52%	51%	51%

Table 9C
Cambria Community Services District
Proposed Water Rates

Scenario C: Reduced Phase-In
3-Year Phase-In to \$500K Annual CIP Funding
No Change to Rate Structure

	Current Water Rates	Proposed Water Rates Effective On or After						
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022		
Rate Increase %		10%	8%	6%	6%	6%		
FIXED WATER SERVICE CHARGES								
Residential								
Monthly Charge	\$13.79	\$15.17	\$16.38	\$17.36	\$18.40	\$19.50		
<i>Bi-Monthly Charge</i>	27.58	30.34	32.76	34.72	36.80	39.00		
Commercial								
<u>Monthly Charge per Meter Size</u>								
5/8" or 3/4"	\$13.79	\$15.17	\$16.38	\$17.36	\$18.40	\$19.50		
1"	34.48	37.93	40.95	43.40	46.00	48.75		
1-1/2"	68.95	75.85	81.90	86.80	92.00	97.50		
2" & Larger	137.90	151.70	163.80	173.60	184.00	195.00		
WATER QUANTITY CHARGES								
<i>Billed based on metered water use (\$/ccf)</i>								
Residential Charges								
<u>Tier</u>	<u>Bi-Monthly</u>	<u>Monthly</u>						
Tier 1	First 4 ccf	First 2 ccf	\$7.03	\$7.73	\$8.35	\$8.85	\$9.38	\$9.94
Tier 2	4.01 - 16 ccf	2.01 - 8 ccf	9.19	10.11	10.92	11.58	12.27	13.01
Tier 3	> 16 ccf	> 8 ccf	10.25	11.28	12.18	12.90	13.66	14.47
Commercial Charges								
Rate for All Water Use	\$9.19	\$10.11	\$10.92	\$11.58	\$12.27	\$13.01		

* Note: Fixed charge currently applies per account, not per residential dwelling unit.

1 ccf = 100 cubic feet, or approximately 748 gallons

Table 10C
Cambria Community Services District
Water Rate Impacts

Scenario C: Reduced Phase-In
3-Year Phase-In to \$500K Annual CIP Funding

	Bi-Monthly Water Use (ccf)	Est % of Bills at or Below	Current Bi-Monthly Water Bill	Projected Bi-Monthly Water Bills				
				Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Single Family Residential Rate Impacts								
Very Low Use <i>Monthly Equivalent</i>	2	30%	\$41.64 20.82	\$45.80 22.90	\$49.46 24.73	\$52.42 26.21	\$55.56 27.78	\$58.88 29.44
Low Use (Median) <i>Monthly Equivalent</i>	4	50%	55.70 27.85	61.26 30.63	66.16 33.08	70.12 35.06	74.32 37.16	78.76 39.38
Moderate Use <i>Monthly Equivalent</i>	6	70%	74.08 37.04	81.48 40.74	88.00 44.00	93.28 46.64	98.86 49.43	104.78 52.39
Mod-High Use <i>Monthly Equivalent</i>	10	90%	110.84 55.42	121.92 60.96	131.68 65.84	139.60 69.80	147.94 73.97	156.82 78.41
Very High Use <i>Monthly Equivalent</i>	20	99%	202.74 101.37	223.02 111.51	240.88 120.44	255.40 127.70	270.64 135.32	286.92 143.46
Sample Commercial Rate Impacts								
Meter Size 5/8" or 3/4"								
Very Low Use <i>Monthly Equivalent</i>	2		\$45.96 22.98	\$50.56 25.28	\$54.60 27.30	\$57.88 28.94	\$61.34 30.67	\$65.02 32.51
Low Use <i>Monthly Equivalent</i>	4		64.34 32.17	70.78 35.39	76.44 38.22	81.04 40.52	85.88 42.94	91.04 45.52
Moderate Use <i>Monthly Equivalent</i>	10		119.48 59.74	131.44 65.72	141.96 70.98	150.52 75.26	159.50 79.75	169.10 84.55
Mod-High Use <i>Monthly Equivalent</i>	20		211.38 105.69	232.54 116.27	251.16 125.58	266.32 133.16	282.20 141.10	299.20 149.60
High Use <i>Monthly Equivalent</i>	40		395.18 197.59	434.74 217.37	469.56 234.78	497.92 248.96	527.60 263.80	559.40 279.70
Large Commercial, Meter Size 2"+								
Mod-Low Use <i>Monthly Equivalent</i>	50		735.30 367.65	\$808.90 404.45	\$873.60 436.80	\$926.20 463.10	\$981.50 490.75	\$1,040.50 520.25
Mod-High Use <i>Monthly Equivalent</i>	100		1,194.80 597.40	1,314.40 657.20	1,419.60 709.80	1,505.20 752.60	1,595.00 797.50	1,691.00 845.50
High Use <i>Monthly Equivalent</i>	200		2,113.80 1,056.90	2,325.40 1,162.70	2,511.60 1,255.80	2,663.20 1,331.60	2,822.00 1,411.00	2,992.00 1,496.00

Table 11
 Cambria Community Services District
 Summary of Water Rate Scenarios

	Sept-1 2018	July-1 2019	July-1 2020
A) Front-Load Increase			
Rate Increase %	32%	0%	0%
CIP Funding	\$700,000	\$700,000	\$700,000
B) Phased Approach			
Rate Increase %	15%	10%	5%
CIP Funding	\$400,000	\$600,000	\$700,000
C) Reduced Phase-In			
Rate Increase %	10%	8%	6%
CIP Funding	\$300,000	\$400,000	\$500,000

Cambria Community Services District



Sustainable Water Facility Rates Tables & Charts

Revised Draft 7/5/18



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1
Cambria Community Services District
Current Sustainable Water Facility Charges

FIXED BI-MONTHLY METER CHARGES			
Single Family Residences		<u>Bi-Monthly Charge</u> ¹	<u>Monthly Equivalent</u>
<i>Bi-monthly charge per residential dwelling unit</i>		\$13.00	\$6.50
All Other Accounts			
<i>Bi-monthly charge based on water meter size</i>			
<u>Meter Size</u>	<u>Demand Ratio</u> ²		
5/8-inch or 3/4-inch	2.00	\$26.00	\$13.00
1-inch	3.33	43.33	21.67
1-1/2-inch	6.67	86.67	43.34
2-inch or larger	10.67	138.67	69.34
WATER QUANTITY CHARGES			
<i>Charge per unit (ccf) of metered water use</i> ³			
A. Ongoing Water Quantity Charge			
<i>For emergency water supply project facility cost recovery</i>			
<u>Rate Tier</u>	<u>Bi-Monthly Water Use in Tier</u>	<u>Charge per Unit (ccf)</u> ³	<u>Equivalent Rate per 100 gallons</u>
Tier 1	1 - 4 ccf	\$1.50	\$0.20
Tier 2	5 - 16 ccf	3.00	0.40
Tier 3	>16 ccf	4.50	0.60
B. Emergency Water Supply Project Operating Charge			
<i>Only charged during periods of anticipated operation</i>			
<u>Rate Tier</u>	<u>Bi-Monthly Water Use in Tier</u>	<u>Charge per Unit (ccf)</u> ³	
Tier 1	1 - 4 ccf	\$1.50	\$0.20
Tier 2	5 - 16 ccf	3.00	0.40
Tier 3	>16 ccf	5.00	0.67

1 CCSD currently bills customers once every two months.

2 Demand ratio based on analysis of water billing data and standard meter capacities.

3 A unit equals one ccf "hundred cubic feet;" a hundred cubic feet of water is 748 gallons.

Table 2
Cambria Community Services District
Sustainable Water Facility Rate Revenues by Billing Period

	Jul/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/Apr	May/Jun	Total	F/V %
Sustainable Water Facility 2015/16								
SWF Base	62,079	62,344	62,098	62,218	61,455	61,598	371,792	44.5%
SWF Usage	83,654	79,869	71,072	66,125	74,753	88,395	463,868	55.5%
Adjustments	<u>(581)</u>	<u>(24)</u>	<u>0</u>	<u>8</u>	<u>(310)</u>	<u>(15)</u>	<u>(922)</u>	
Total	145,152	142,189	133,170	128,351	135,898	149,978	834,738	
Sustainable Water Facility 2016/17								
SWF Base	61,585	61,559	61,559	61,559	61,559	61,559	369,380	43.0%
SWF Usage	97,713	80,307	76,385	71,489	70,675	93,693	490,262	57.0%
Adjustments	<u>(435)</u>	<u>0</u>	<u>(6)</u>		<u>(62)</u>	<u>(11)</u>	<u>(514)</u>	
Total	158,863	141,866	137,938	133,048	132,172	155,241	859,128	
Sustainable Water Facility 2017/18 (Est.)								
					<u>Estimated</u>	<u>Estimated</u>		
SWF Base	61,559	61,559	61,323	61,314	61,500	61,500	368,755	39.3%
SWF Usage	112,448	97,166	83,061	86,200	85,000	105,000	568,875	60.7%
Adjustments	<u>(465)</u>	<u>(355)</u>	<u>(10,972)</u>	<u>(1,701)</u>			<u>(13,493)</u>	
Total	173,542	158,370	133,412	145,813	146,500	166,500	924,137	

Table 3		
Cambria Community Services District	5-Year CIP Average (With Inflation):	164,000
SWF Capital Improvement Projects	10-Year CIP Average (With Inflation):	333,000

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	Total
SWF Projects (Jan 2018 \$)											
Priority 1	390,000	45,000	-	-	-	-	-	-	-	-	435,000
Priority 2	25,000	52,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	93,000
Priority 3	-	104,000	-	-	-	-	-	-	-	-	104,000
<i>Potential Treatment Facilities</i>			-	-	150,000	750,000	1,300,000	-	-	-	2,200,000
Total	415,000	201,000	2,000	2,000	152,000	752,000	1,302,000	2,000	2,000	2,000	2,832,000
SWF Projects (With Cost Inflation)											
Cost Inflation	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	
Cost Inflation	1.030	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344	
Priority 1	402,000	48,000	-	-	-	-	-	-	-	-	450,000
Priority 2	26,000	55,000	2,000	2,000	2,000	2,000	2,000	3,000	3,000	3,000	100,000
Priority 3	-	110,000	-	-	-	-	-	-	-	-	110,000
<i>Potential Treatment Facilities</i>			-	-	174,000	896,000	1,599,000	-	-	-	2,669,000
Total	428,000	213,000	2,000	2,000	176,000	898,000	1,601,000	3,000	3,000	3,000	3,329,000

Table 4
 Cambria Community Services District
 SWF Additional Costs During Operation

Incremental O&M Expenses During Operation

	<u>Monthly</u>	<u>2-Months</u>	<u>Notes</u>
Brine Hauling	21,000	42,000	\$350/6kgal truckload, 3 loads/day, 5 days/week
Semi-Tractor Rental	4,000	8,000	\$220/day, 5 days/week
Brine Disposal	43,000	86,000	20 days x 18,000 gallons/day, \$0.12 per gallon
Additional Lab Costs	11,000	22,000	
Additional Electricity	<u>4,000</u>	<u>8,000</u>	
Total	83,000	166,000	

Table 5
Cambria Community Services District
SWF Financial Projections

Revised CIP dated 6-18-18
Assumes 2 months of SWF operation per year starting 2019/20
Current operating rate surcharges eliminated & rolled into year-round rates

	0 2017/18	1 2018/19	2 2019/20	3 2020/21	4 2021/22	5 2022/23
Effective Date of Rate Increases		Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases		16%	14%	12%	5%	5%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Water Sales %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning SWF Fund Reserves	\$0	(\$333,000)	(\$351,000)	(\$408,000)	(\$438,000)	(\$460,000)
REVENUES						
Fixed SWF Service Charges	369,000	395,000	456,000	513,000	545,000	572,000
SWF Quantity Charges	555,000	614,000	716,000	808,000	857,000	900,000
Subtotal	924,000	1,009,000	1,172,000	1,321,000	1,402,000	1,472,000
Interest Income	0	0	0	0	0	0
Total Revenues	924,000	1,009,000	1,172,000	1,321,000	1,402,000	1,472,000
Projected \$500K Interfund Loan		225,000	250,000			
EXPENSES						
<u>SWF Base Operations</u>						
Salaries & Benefits	130,000	196,000	204,000	212,000	220,000	229,000
Additional Staffing	0	55,000	57,000	59,000	61,000	63,000
Other Operating Expenses	395,000	130,000	135,000	140,000	146,000	152,000
Subtotal	525,000	381,000	396,000	411,000	427,000	444,000
<u>Add'l O&M During Operations</u>						
Brine Hauling & Disposal, Lab, Electricity		0	173,000	180,000	187,000	194,000
<u>Debt Service</u>						
2014 TBP Loan	660,000	660,000	660,000	660,000	660,000	660,000
Interfund Loan Repayment (subordinate)	0	0	0	50,000	100,000	100,000
Subtotal	660,000	660,000	660,000	710,000	760,000	760,000
<u>Capital/Non-Operating</u>						
Capital Improvement Projects	0	175,000	250,000	50,000	50,000	50,000
Performance Bond	72,000	36,000	-	-	-	-
Total Expenses	1,257,000	1,252,000	1,479,000	1,351,000	1,424,000	1,448,000
Revenues Less Expenses	(333,000)	(18,000)	(57,000)	(30,000)	(22,000)	24,000
Ending Fund Reserves	(333,000)	(351,000)	(408,000)	(438,000)	(460,000)	(436,000)
Fund Reserves as % of O&M+Debt	-28%	-34%	-39%	-39%	-39%	-36%
Debt Service Coverage (SWF Only)	0.60	0.95	1.18	1.38	1.48	1.56

Table 5
Cambria Community Services District
SWF Financial Projections

	6 2023/24	7 2024/25	8 2025/26	9 2026/27	10 2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	2%	2%	0%	0%	0%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Water Sales %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning SWF Fund Reserves	(\$436,000)	(\$402,000)	(\$365,000)	(\$300,000)	(\$264,000)
REVENUES					
Fixed SWF Service Charges	586,000	598,000	600,000	600,000	600,000
SWF Quantity Charges	<u>922,000</u>	<u>940,000</u>	<u>944,000</u>	<u>944,000</u>	<u>944,000</u>
Subtotal	1,508,000	1,538,000	1,544,000	1,544,000	1,544,000
Interest Income	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Revenues	1,508,000	1,538,000	1,544,000	1,544,000	1,544,000
Projected \$500K Interfund Loan					
EXPENSES					
<u>SWF Base Operations</u>					
Salaries & Benefits	238,000	248,000	258,000	268,000	279,000
Additional Staffing	66,000	69,000	72,000	75,000	78,000
Other Operating Expenses	<u>158,000</u>	<u>164,000</u>	<u>171,000</u>	<u>178,000</u>	<u>185,000</u>
Subtotal	462,000	481,000	501,000	521,000	542,000
<u>Add'l O&M During Operations</u>					
Brine Hauling & Disposal, Lab, Electricity	202,000	210,000	218,000	227,000	236,000
<u>Debt Service</u>					
2014 TBP Loan	660,000	660,000	660,000	660,000	660,000
Interfund Loan Repayment (subordinate)	<u>100,000</u>	<u>100,000</u>	<u>50,000</u>	<u>0</u>	<u>0</u>
Subtotal	760,000	760,000	710,000	660,000	660,000
<u>Capital/Non-Operating</u>					
Capital Improvement Projects	50,000	50,000	50,000	100,000	100,000
Performance Bond	-	-	-	-	-
Total Expenses	1,474,000	1,501,000	1,479,000	1,508,000	1,538,000
Revenues Less Expenses	34,000	37,000	65,000	36,000	6,000
Ending Fund Reserves	(402,000)	(365,000)	(300,000)	(264,000)	(258,000)
Fund Reserves as % of O&M+Debt	-33%	-29%	-25%	-22%	-21%
Debt Service Coverage (SWF Only)	1.58	1.60	1.58	1.55	1.52

Table 6
Cambria Community Services District
Water Meter Equivalents

Customer Class	Accounts	Meter Ratio	Meter Equivalents
Residential	3,766	1.0	3,766.0
Commercial			
5/8" or 3/4"	153	1.0	153.0
1"	23	2.5	57.5
1-1/2"	0	5.0	0.0
2" or larger	<u>55</u>	10.0	<u>550.0</u>
Subtotal	231		760.5
Total	3,997		4,526.5

Table 7
Cambria Community Services District
Sustainable Water Facility Cost Allocation

	2020/21 Expenses	Cost Allocation %		Cost Allocation \$	
		Fixed	Usage	Fixed	Usage
<u>SWF Base Operations</u>					
Salaries & Benefits	\$212,000	50%	50%	\$106,000	\$106,000
Additional Staffing	59,000	50%	50%	29,500	29,500
Other Operating	140,000	25%	75%	35,000	105,000
Subtotal	411,000	41%	59%	170,500	240,500
<u>Add'l O&M During Operations</u>					
Brine Hauling & Disposal, Lab, Ele	180,000	0%	100%	0	180,000
<u>Debt Service</u>					
2014 TBP Loan	660,000	50%	50%	330,000	330,000
Interfund Loan Repayment	50,000	50%	50%	25,000	25,000
Subtotal	710,000	50%	50%	355,000	355,000
<u>Capital/Non-Operating</u>					
Capital Improvement Projects	50,000	50%	50%	25,000	25,000
Total Expenses	1,351,000	41%	59%	550,500	800,500
Fund Reserve Contribution	0	0%	0%	0	0
Subtotal	1,351,000	41%	59%	550,500	800,500

Table 8
Cambria Community Services District
SWF Fixed Charge Derivation

SWF Fixed Cost Allocation 2020/21	\$550,500
Meter Equivalents	4,526.5
Annual Charge per Meter Equivalent	\$121.62
Monthly Charge per Meter Equivalent	\$10.13

Table 9
Cambria Community Services District
Cost Attribution to Tiered Water Rates 2020/21

Projected 2020/21	Usage Rate Cost Recovery %		SWF Tiered Rate Attribution %				SWF Tiered Rate Attribution \$				
	%	\$	Tier 1 1-4 ccf	Tier 2 5-16 ccf	Tier 3 >16 ccf	Total	Tier 1 1-4 ccf	Tier 2 5-16 ccf	Tier 3 >16 ccf	Total	
Projected Water Sales per Tier 2020/21			77,500	70,000	47,000	194,500					
<u>Attribution of Costs Allocated to Usage-Based Rate Recovery</u> <i>More costs attributed to use in higher tiers driving need for the SWF facility & operations.</i>											
Cost Recovery % of Water Use In Tier			33.3%	66.7%	100.0%						
Cost Recovery % x Projected Water Sales in Tier			25,833	46,667	47,000	119,500					
Weighted Cost Attribution to Tier			21.6%	39.1%	39.3%	100.0%					
EXPENSES											
Operating & Maintenance											
<u>SWF Base Operations</u>											
Salaries & Benefits	\$212,000	50%	106,000	21.6%	39.1%	39.3%	100.0%	\$22,915	\$41,395	\$41,690	\$106,000
Additional Staffing	59,000	50%	29,500	21.6%	39.1%	39.3%	100.0%	6,377	11,520	11,603	29,500
Other Operating	140,000	75%	105,000	21.6%	39.1%	39.3%	100.0%	22,699	41,004	41,297	105,000
Subtotal	411,000	59%	240,500	21.6%	39.1%	39.3%	100.0%	51,991	93,919	94,590	240,500
<u>Add'l O&M During Operations</u>											
Brine Hauling & Disposal, Lab, Electricity	180,000	100%	180,000	21.6%	39.1%	39.3%	100.0%	38,912	70,293	70,795	180,000
<u>Debt Service</u>											
2014 TBP Loan	660,000	50%	330,000	21.6%	39.1%	39.3%	100.0%	71,339	128,870	129,791	330,000
Interfund Loan Repayment	50,000	50%	25,000	21.6%	39.1%	39.3%	100.0%	5,404	9,763	9,833	25,000
Subtotal	710,000	50%	355,000	21.6%	39.1%	39.3%	100.0%	76,743	138,633	139,623	355,000
<u>Capital/Non-Operating</u>											
Capital Improvement Projects	50,000	50%	25,000	21.6%	39.1%	39.3%	100.0%	5,404	9,763	9,833	25,000
Total Expenses	1,351,000	59%	800,500	21.6%	39.1%	39.3%	100.0%	173,051	312,608	314,841	800,500
Fund Reserve Contribution	(30,000)	0%	0	21.6%	39.1%	39.3%	100.0%	0	0	0	0
Total Cost Recovery	1,321,000	61%	800,500	21.6%	39.1%	39.3%	100.0%	173,051	312,608	314,841	800,500
Net Revenue Recovery from Tiers								\$173,051	\$312,608	\$314,841	\$800,500
Projected Water Sales per Tier								77,500	70,000	47,000	194,500
Rate per Unit (\$/ccf)								\$2.23	\$4.47	\$6.70	

Table 10
Cambria Community Services District
Projected Sustainable Water Facility Charges

	Current Rates	Proposed SWF Charges Effective On or After				
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Target Overall Rate Increase %		16%	14%	12%	5%	5%
FIXED BI-MONTHLY METER CHARGES						
Single Family Residences						
Monthly charge	\$6.50	\$7.93	\$9.04	\$10.13	10.64	\$11.17
Bi-monthly charge	13.00	15.86	18.08	20.26	21.28	22.34
All Other Accounts						
<i>Monthly charge based on water meter size</i>						
<u>Meter Size</u>	<u>Water Demand Ratio</u>	<i>Transition to same meter ratios as water rates</i>				
5/8 or 3/4-inch	1.00	\$7.93	\$9.04	\$10.13	\$10.64	\$11.17
1-inch	2.50	19.83	22.60	25.33	26.60	27.93
1-1/2-inch	5.00	39.65	45.20	50.65	53.20	55.85
2-inch or larger	10.00	79.30	90.40	101.30	106.40	111.70
SWF QUANTITY CHARGES						
<i>Charge per unit (ccf) of metered water use</i>						
SWF Quantity Charge						
<i>For SWF facility cost recovery</i>						
<u>Rate Tier</u>	<u>Bi-Monthly Use</u>	<u>Charge per Unit (ccf)³</u>				
Tier 1	1 - 4 ccf	\$1.50	\$1.75	\$1.99	\$2.23	\$2.34
Tier 2	5 - 16 ccf	3.00	3.50	3.99	4.47	4.68
Tier 3	>16 ccf	4.50	5.25	5.98	6.70	7.02
Temporary SWF Operating Surcharge						
<i>Only charged during periods of operation</i>						
<u>Rate Tier</u>	<u>Bi-Monthly Use</u>	<u>Charge per Unit (ccf)³</u>	<i>Temporary SWF Operating Surcharges are eliminated and rolled into ongoing SWF Quantity Charges</i>			
Tier 1	1 - 4 ccf	\$1.50				
Tier 2	5 - 16 ccf	3.00				
Tier 3	>16 ccf	5.00				

Note: 1 ccf = 100 cubic feet, or approximately 748 gallons.

Table 11
Cambria Community Services District
SWF Rate Impacts

	Bi-Monthly Water Use (ccf)	Est % of Bills at or Below	Current Bi-Monthly Water Bill	Projected Bi-Monthly SWF Bills				
				Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Single Family Residential Rate Impacts								
Very Low Use <i>Monthly Equivalent</i>	2	30%	\$16.00 8.00	\$19.36 9.68	\$22.06 11.03	\$24.72 12.36	\$25.96 12.98	\$27.26 13.63
Low Use (Median) <i>Monthly Equivalent</i>	4	50%	19.00 9.50	22.86 11.43	26.04 13.02	29.18 14.59	30.64 15.32	32.18 16.09
Moderate Use <i>Monthly Equivalent</i>	6	70%	25.00 12.50	29.86 14.93	34.02 17.01	38.12 19.06	40.00 20.00	42.02 21.01
Mod-High Use <i>Monthly Equivalent</i>	10	90%	37.00 18.50	43.86 21.93	49.98 24.99	56.00 28.00	58.72 29.36	61.70 30.85
Very High Use <i>Monthly Equivalent</i>	20	99%	73.00 36.50	85.86 42.93	97.84 48.92	109.62 54.81	114.88 57.44	120.74 60.37
Sample Commercial Rate Impacts								
Meter Size 5/8" or 3/4"								
Very Low Use <i>Monthly Equivalent</i>	2		\$16.00 8.00	\$11.43 5.72	\$13.02 6.51	\$14.59 7.30	\$15.32 7.66	\$16.09 8.05
Low Use <i>Monthly Equivalent</i>	4		19.00 9.50	14.93 7.47	17.00 8.50	19.05 9.53	20.00 10.00	21.01 10.51
Moderate Use <i>Monthly Equivalent</i>	10		37.00 18.50	35.93 17.97	40.94 20.47	45.87 22.94	48.08 24.04	50.53 25.27
Mod-High Use <i>Monthly Equivalent</i>	20		73.00 36.50	77.93 38.97	88.80 44.40	99.49 49.75	104.24 52.12	109.57 54.79
High Use <i>Monthly Equivalent</i>	40		163.00 81.50	182.93 91.47	208.40 104.20	233.49 116.75	244.64 122.32	257.17 128.59
Large Commercial, Meter Size 2"+								
Mod-Low Use <i>Monthly Equivalent</i>	50		\$264.34 132.17	\$306.80 153.40	\$349.56 174.78	\$391.66 195.83	\$410.60 205.30	\$431.50 215.75
Mod-High Use <i>Monthly Equivalent</i>	100		489.34 244.67	569.30 284.65	648.56 324.28	726.66 363.33	761.60 380.80	800.50 400.25
High Use <i>Monthly Equivalent</i>	200		939.34 469.67	1,094.30 547.15	1,246.56 623.28	1,396.66 698.33	1,463.60 731.80	1,538.50 769.25

Cambria Community Services District



Sewer Rate Study Tables & Charts

Revised Draft 7/5/18



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1
Cambria Community Services District
Current Sewer Rates (Effective 01/01/17)

FIXED BI-MONTHLY SEWER CHARGE		Equivalent Rate Per	
		<u>Month</u>	<u>Day</u>
Applies to All Accounts	\$60.57	\$30.29	\$1.00
SEWER QUANTITY CHARGES		Equivalent Rate Per	
Billed per unit of metered water use (\$/ccf).		<u>100 gallons</u>	<u>1 gallon</u>
Residential Rates	\$3.50	\$0.47	\$0.0047
Commercial Rates			
<u>Wastewater Class</u>			
Class 1	\$3.07	\$0.41	\$0.0041
Class 2	3.50	0.47	0.0047
Class 3	5.39	0.72	0.0072

Class 1 includes lower strength accounts including professional offices, retail stores, laundromats, & schools.

Class 2 includes all other commercial accounts (with standard/domestic strength wastewater) that are not classified Class 1 or Class 3.

Class 3 includes accounts with moderate to high wastewater strength including restaurants, hotels with restaurants, bakeries, mortuaries, markets with meat/seafood/food prep/garbage grinder, and mixed use accounts with an estimated 30% or more sewer discharge from higher strength wastewater flow.

1 ccf = 100 cubic feet, or approximately 748 gallons

Note: Fixed Service Charges currently recover roughly 66% of total rate revenues and Sewer Quantity Charges recover about 34% of total rate revenues.

Table 2
Cambria Community Services District
Sewer Accounts & Use

	Sewer Accounts	Dwelling Units	Est. Sewer Use (ccf)
Residential			
Single Family	3,470	3,470	123,500
Multi-Family	121	228	6,700
Low Income	93	93	4,200
Subtotal	3,684	3,791	134,400
Commercial			
Class 1: Low Strength	78		3,900
Class 2: Medium Strength	97		26,500
Class 3: Mod-High Strength	49		21,800
Subtotal	224		52,200
Total	3,908		186,600

Table 3
Cambria Community Services District
Sewer Rate Revenues by Billing Period

	Jul/Aug	Sep/Oct	Nov/Dec	Jan/Feb	Mar/Apr	May/Jun	Total	F/V %
Sewer 2012/13								
Fixed Service Charges	248,975	248,932	248,991	248,758	248,163	247,572	1,491,391	75.8%
Quantity Charges	104,065	84,599	65,026	70,766	66,832	86,034	477,322	24.2%
Adjustments	<u>(40)</u>	<u>(17)</u>	<u>(76)</u>	<u>0</u>	<u>0</u>	<u>(29)</u>	<u>(162)</u>	
Total	353,000	333,514	313,941	319,524	314,995	333,577	1,968,551	
Sewer 2013/14								
Fixed Service Charges	249,917	249,112	249,099	249,062	248,917	248,881	1,494,988	75.7%
Quantity Charges	106,763	78,656	63,237	67,826	73,774	90,667	480,923	24.3%
Adjustments	<u>18</u>	<u>(166)</u>	<u>0</u>	<u>0</u>	<u>(28)</u>	<u>(78)</u>	<u>(254)</u>	
Total	356,698	327,602	312,336	316,888	322,663	339,470	1,975,657	
Sewer 2014/15								
Fixed Service Charges	250,264	250,012	249,984	250,198	249,261	250,349	1,500,068	85.8%
Quantity Charges	48,614	41,458	36,667	37,027	43,141	41,591	248,498	14.2%
Adjustments	<u>(89)</u>	<u>(377)</u>	<u>(81)</u>	<u>(28)</u>	<u>(31)</u>	<u>(1,584)</u>	<u>(2,190)</u>	
Total	298,789	291,093	286,570	287,197	292,371	290,356	1,746,376	
Sewer 2015/16								
Fixed Service Charges	250,404	249,841	250,430	250,500	214,599	214,989	1,430,763	79.0%
Quantity Charges	47,489	56,544	42,035	39,464	90,453	103,944	379,929	21.0%
Adjustments	<u>(179)</u>	<u>(492)</u>	<u>(601)</u>	<u>(1,080)</u>	<u>(1,285)</u>	<u>(1,710)</u>	<u>(5,347)</u>	
Total	297,714	305,893	291,864	288,884	303,767	317,223	1,805,345	
Sewer 2016/17								
Fixed Service Charges	215,451	215,463	215,866	215,540	224,051	223,681	1,310,052	68.9%
Quantity Charges	113,407	95,999	92,314	87,055	89,612	113,862	592,249	31.1%
Adjustments	<u>(1,570)</u>	<u>(165)</u>	<u>(639)</u>	<u>(2,173)</u>	<u>(968)</u>	<u>(1,657)</u>	<u>(7,172)</u>	
Total	327,288	311,297	307,541	300,422	312,695	335,886	1,895,129	
Increase %	9.9%	1.8%	5.4%	4.0%	2.9%	5.9%	5.0%	
Sewer 2017/18								
Fixed Service Charges	224,099	223,968	224,561	224,328	233,081	<u>Estimated</u> 230,000	1,360,037	66.9%
Quantity Charges	132,787	116,550	102,339	105,888	96,005	120,000	673,569	33.1%
Adjustments	<u>(1,829)</u>	<u>(810)</u>	<u>(4,206)</u>	<u>(1,751)</u>	<u>(1,219)</u>	<u>0</u>	<u>(9,815)</u>	
Total	355,057	339,708	322,694	328,465	327,867	350,000	2,023,791	
Increase %	8.5%	9.1%	4.9%	9.3%	4.9%	4.2%	6.8%	

Cambria Community Services District Annual Sewer Rate Revenues

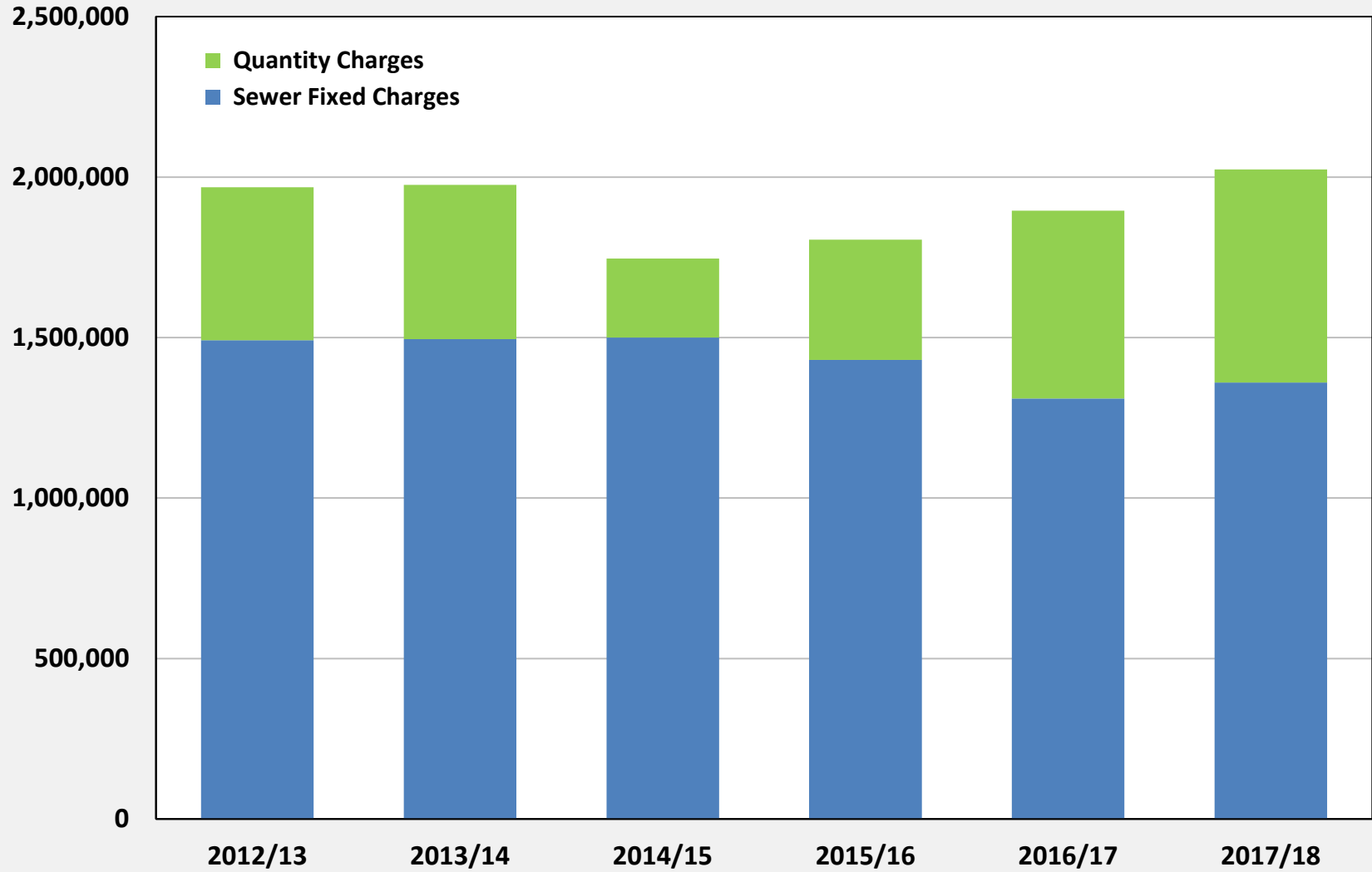


Table 4												
Cambria Community Services District												5-Year CIP Average (With Inflation): 1,543,000
Sewer Capital Improvement Projects												10-Year CIP Average (With Inflation): 1,156,000

	1	2	3	4	5	6	7	8	9	10	Total
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	
Capital Improvement Projects (Jan 2018 \$)											
Priority 1	546,000	970,000	13,000	13,000	313,000	48,000	328,000	13,000	13,000	-	2,257,000
Priority 2	559,000	857,000	597,000	507,000	1,372,000	237,000	167,000	167,000	167,000	-	4,630,000
Priority 3	105,000	150,000	355,000	285,000	285,000	285,000	285,000	285,000	80,000	250,000	2,365,000
Priority 4	15,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	-	215,000
Total	1,225,000	2,002,000	990,000	830,000	1,995,000	595,000	805,000	490,000	285,000	250,000	9,467,000
Capital Improvement Projects (With Cost Inflation)											
Cost Inflation	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	
Cost Inflation	1.030	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344	
Priority 1	562,000	1,029,000	14,000	15,000	363,000	57,000	403,000	16,000	17,000	-	2,476,000
Priority 2	576,000	909,000	652,000	571,000	1,591,000	283,000	205,000	212,000	218,000	-	5,217,000
Priority 3	108,000	159,000	388,000	321,000	330,000	340,000	351,000	361,000	104,000	336,000	2,798,000
Priority 4	15,000	27,000	27,000	28,000	29,000	30,000	31,000	32,000	33,000	-	252,000
Total	1,261,000	2,124,000	1,081,000	935,000	2,313,000	710,000	990,000	621,000	372,000	336,000	10,743,000

Table 5A
Cambria Community Services District
Sewer Financial Projections

Scenario A: Front-Load Rate Increase

	0	1	2	3	4	5
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Effective Date of Rate Increases	Jan-1	Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	50%	0%	0%	5%	5%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Billed Use %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning Sewer Fund Reserves	\$0	(\$25,000)	\$71,000	\$216,000	\$190,000	\$192,000
REVENUES						
<u>Sewer Operations</u>						
Fixed Sewer Service Charges	1,362,000	1,922,000	2,088,000	2,098,000	2,194,000	2,304,000
Sewer Quantity Charges	687,000	957,000	1,053,000	1,059,000	1,108,000	1,163,000
Subtotal	2,049,000	2,879,000	3,141,000	3,157,000	3,302,000	3,467,000
Standby Availability	119,000	119,000	119,000	119,000	119,000	119,000
Interest Income	0	0	1,000	4,000	4,000	4,000
Capacity Charges from Growth	20,000	0	0	0	0	0
Other	78,000	70,000	70,000	70,000	70,000	70,000
Total Revenues	2,266,000	3,068,000	3,331,000	3,350,000	3,495,000	3,660,000
EXPENSES						
<u>Sewer System Operations</u>						
Salaries & Benefits	730,000	783,000	814,000	847,000	881,000	916,000
Additional Staffing Needs	0	126,000	264,000	275,000	286,000	297,000
Maintenance & Repair	344,000	240,000	250,000	260,000	270,000	281,000
Utilities	251,000	216,000	225,000	234,000	243,000	253,000
Government Fees	134,000	90,000	94,000	98,000	102,000	106,000
Other Operating	91,000	96,000	100,000	104,000	108,000	112,000
Allocated Overhead	461,000	461,000	479,000	498,000	518,000	539,000
Subtotal	2,011,000	2,012,000	2,226,000	2,316,000	2,408,000	2,504,000
<u>Debt Service</u>						
2010 City Nat'l Bank Loan (1999 Refi)	160,000	160,000	160,000	160,000	160,000	160,000
Repay \$466K Loan from General Fund	0	0	0	100,000	100,000	100,000
Subtotal	160,000	160,000	160,000	260,000	260,000	260,000
Capital Improvement Projects	120,000	800,000	800,000	800,000	825,000	850,000
Total Expenses	2,291,000	2,972,000	3,186,000	3,376,000	3,493,000	3,614,000
Revenues Less Expenses	(25,000)	96,000	145,000	(26,000)	2,000	46,000
Ending Fund Reserves	(25,000)	71,000	216,000	190,000	192,000	238,000
Fund Reserves as a % of O&M	-1%	4%	10%	8%	8%	10%
Debt Service Coverage	1.59	6.60	6.91	3.98	4.18	4.45

Table 5A
Cambria Community Services District
Sewer Financial Projections

Scenario A: Front-Load Rate Increase

	6	7	8	9	10
	2023/24	2024/25	2025/26	2026/27	2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	4%	3%	3%	3%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Billed Use %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning Sewer Fund Reserves	\$238,000	\$277,000	\$307,000	\$394,000	\$487,000
REVENUES					
<u>Sewer Operations</u>					
Fixed Sewer Service Charges	2,398,000	2,494,000	2,571,000	2,648,000	2,727,000
Sewer Quantity Charges	<u>1,211,000</u>	<u>1,259,000</u>	<u>1,298,000</u>	<u>1,337,000</u>	<u>1,377,000</u>
Subtotal	3,609,000	3,753,000	3,869,000	3,985,000	4,104,000
Standby Availability	119,000	119,000	119,000	119,000	119,000
Interest Income	5,000	6,000	6,000	8,000	10,000
Capacity Charges from Growth	0	0	0	0	0
Other	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	3,803,000	3,948,000	4,064,000	4,182,000	4,303,000
EXPENSES					
<u>Sewer System Operations</u>					
Salaries & Benefits	953,000	991,000	1,031,000	1,072,000	1,115,000
Additional Staffing Needs	309,000	321,000	334,000	347,000	361,000
Maintenance & Repair	292,000	304,000	316,000	329,000	342,000
Utilities	263,000	274,000	285,000	296,000	308,000
Government Fees	110,000	114,000	119,000	124,000	129,000
Other Operating	116,000	121,000	126,000	131,000	136,000
Allocated Overhead	<u>561,000</u>	<u>583,000</u>	<u>606,000</u>	<u>630,000</u>	<u>655,000</u>
Subtotal	2,604,000	2,708,000	2,817,000	2,929,000	3,046,000
<u>Debt Service</u>					
2010 City Nat'l Bank Loan (1999 Refi)	160,000	160,000	160,000	160,000	160,000
Repay \$466K Loan from General Fund	<u>100,000</u>	<u>100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal	260,000	260,000	160,000	160,000	160,000
Capital Improvement Projects	900,000	950,000	1,000,000	1,000,000	1,000,000
Total Expenses	3,764,000	3,918,000	3,977,000	4,089,000	4,206,000
Revenues Less Expenses	39,000	30,000	87,000	93,000	97,000
Ending Fund Reserves	277,000	307,000	394,000	487,000	584,000
Fund Reserves as a % of O&M	11%	11%	14%	17%	19%
Debt Service Coverage	4.61	4.77	7.79	7.83	7.86

Table 6A
Cambria Community Services District
Proposed Sewer Rates

Scenario A: Front-Load Rate Increase
No Change to Rate Structure

	Current Sewer Rates	Proposed Sewer Rates Effective On or After				
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Rate Increase %		50%	0%	0%	5%	5%
FIXED MONTHLY SEWER SERVICE CHARGES						
Residential						
Monthly Charge	\$30.29	\$45.43	\$45.43	\$45.43	\$47.70	\$50.09
Bi-Monthly Charge	60.57	90.86	90.86	90.86	95.40	100.18
Commercial						
Monthly Charge	\$30.29	\$45.43	\$45.43	\$45.43	\$47.70	\$50.09
Bi-Monthly Charge	60.57	90.86	90.86	90.86	95.40	100.18
SEWER QUANTITY CHARGES						
<i>Billed based on metered water use (\$/ccf)</i>						
Residential						
	\$3.50	\$5.25	\$5.25	\$5.25	\$5.51	\$5.79
Commercial						
<u>Wastewater Class</u>						
Class 1	\$3.07	\$4.61	\$4.61	\$4.61	\$4.84	\$5.08
Class 2	3.50	5.25	5.25	5.25	5.51	5.79
Class 3	5.39	8.09	8.09	8.09	8.49	8.91

Class 1 includes lower strength accounts including professional offices, retail stores, laundromats, & schools.

Class 2 includes all other commercial accounts (with standard/domestic strength wastewater) that are not classified Class 1 or Class 3.

Class 3 includes accounts with moderate to high wastewater strength including restaurants, hotels with restaurants, bakeries, mortuaries, markets with meat/seafood/food prep/garbage grinder, and mixed use accounts with an estimated 30% or more sewer discharge from higher strength wastewater flow.

1 ccf = 100 cubic feet, or approximately 748 gallons

The District reserves the right to assign customers to the class that best matches their wastewater strength.

Table 7A
Cambria Community Services District
Sewer Rate Impacts

	Bi-Monthly Use (ccf)	% of Bills at or Below	Current Bi-Monthly Bill	Projected Bi-Monthly Sewer Bills				
				Jan-1, 2016	Jan-1, 2017	Jan-1, 2018	Jan-1, 2019	Jan-1, 2020
Single Family Residential Rate Impacts								
Very Low Use	2	30%	\$67.57	\$101.36	\$101.36	\$101.36	\$106.42	\$111.76
<i>Monthly Equivalent</i>			33.79	50.68	50.68	50.68	53.21	55.88
Low Use (Median)	4	50%	74.57	111.86	111.86	111.86	117.44	123.34
<i>Monthly Equivalent</i>			37.29	55.93	55.93	55.93	58.72	61.67
Average Use	5	70%	78.07	117.11	117.11	117.11	122.95	129.13
<i>Monthly Equivalent</i>			39.04	58.56	58.56	58.56	61.48	64.57
2x Average Use	10	90%	95.57	143.36	143.36	143.36	150.50	158.08
<i>Monthly Equivalent</i>			47.79	71.68	71.68	71.68	75.25	79.04
Very High Use	20	99%	130.57	195.86	195.86	195.86	205.60	215.98
<i>Monthly Equivalent</i>			65.29	97.93	97.93	97.93	102.80	107.99
Sample Commercial Rate Impacts								
Commercial Class 1 (e.g. Office, Retail, School)								
Small Commercial	10		91.27	136.96	136.96	136.96	143.80	150.98
<i>Monthly Equivalent</i>			45.64	68.48	68.48	68.48	71.90	75.49
Mod Commercial	25		137.32	206.11	206.11	206.11	216.40	227.18
<i>Monthly Equivalent</i>			68.66	103.06	103.06	103.06	108.20	113.59
Large Commercial	100		367.57	551.86	551.86	551.86	579.40	608.18
<i>Monthly Equivalent</i>			183.79	275.93	275.93	275.93	289.70	304.09
Large Commercial	200		674.57	1,012.86	1,012.86	1,012.86	1,063.40	1,116.18
<i>Monthly Equivalent</i>			337.29	506.43	506.43	506.43	531.70	558.09
Commercial Class 2 (e.g. Motel without Restaurant, Auto-Repair)								
Small Commercial	10		95.57	143.36	143.36	143.36	150.50	158.08
<i>Monthly Equivalent</i>			47.79	71.68	71.68	71.68	75.25	79.04
Mod Commercial	25		148.07	222.11	222.11	222.11	233.15	244.93
<i>Monthly Equivalent</i>			74.04	111.06	111.06	111.06	116.58	122.47
Large Commercial	100		410.57	615.86	615.86	615.86	646.40	679.18
<i>Monthly Equivalent</i>			205.29	307.93	307.93	307.93	323.20	339.59
Large Commercial	200		760.57	1,140.86	1,140.86	1,140.86	1,197.40	1,258.18
<i>Monthly Equivalent</i>			380.29	570.43	570.43	570.43	598.70	629.09
Commercial Class 3 (e.g. Restaurant, Hotel with Restaurant)								
Mod Commercial	25		195.32	293.11	293.11	293.11	307.65	322.93
<i>Monthly Equivalent</i>			97.66	146.56	146.56	146.56	153.83	161.47
Large Commercial	100		599.57	899.86	899.86	899.86	944.40	991.18
<i>Monthly Equivalent</i>			299.79	449.93	449.93	449.93	472.20	495.59
Large Commercial	200		1,138.57	1,708.86	1,708.86	1,708.86	1,793.40	1,882.18
<i>Monthly Equivalent</i>			569.29	854.43	854.43	854.43	896.70	941.09

Scenario A:
Front-Loaded Rate Increase

Cambria Community Services District Typical Monthly Residential Sewer Charges

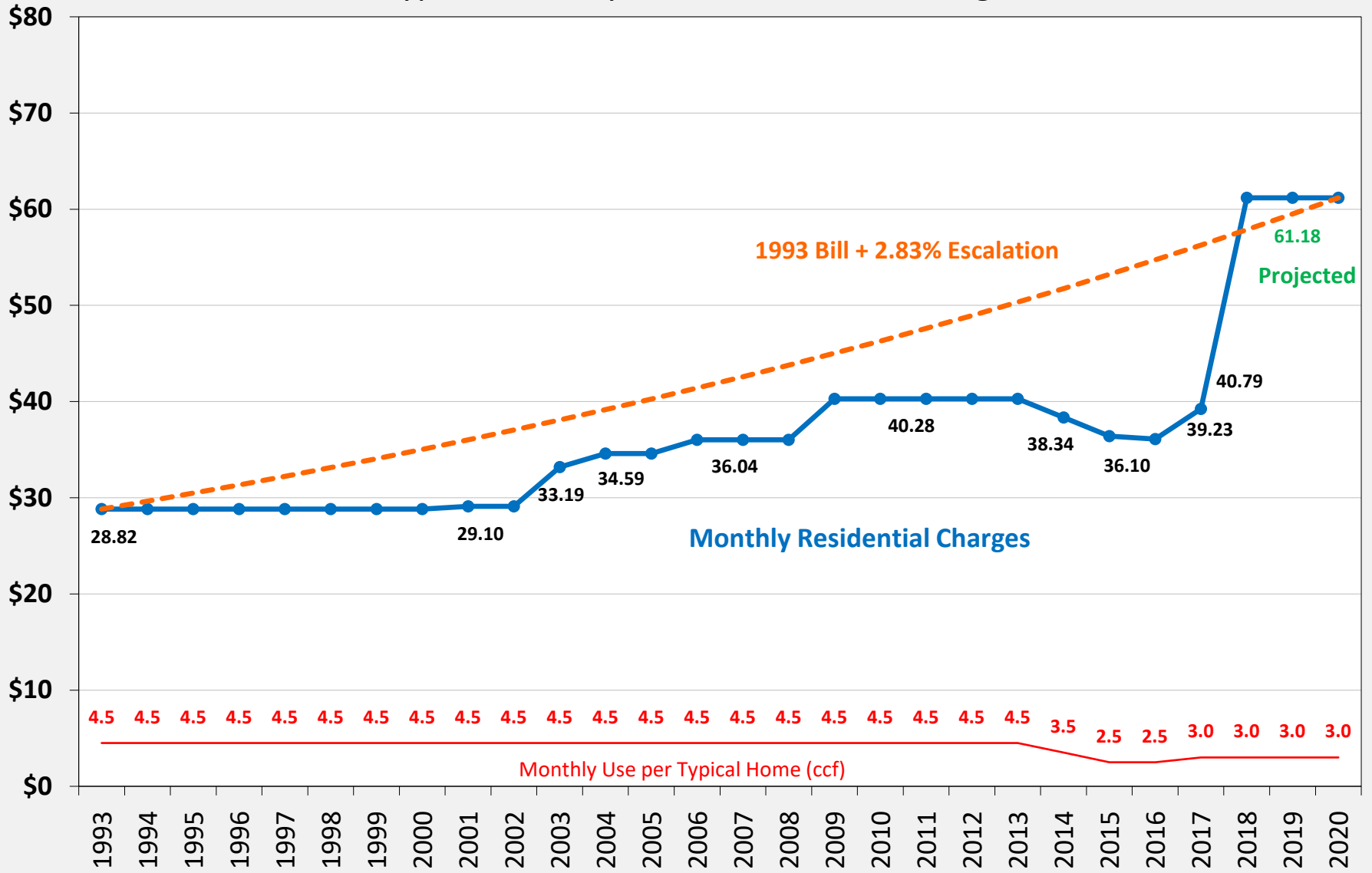


Table 5B
Cambria Community Services District
Sewer Financial Projections

Scenario B: Phased Approach
3-Year Phase-In to \$800K Annual CIP Funding

	0	1	2	3	4	5
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Effective Date of Rate Increases	Jan-1	Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	18%	15%	12%	5%	5%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Billed Use %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning Sewer Fund Reserves	\$0	(\$25,000)	\$64,000	\$186,000	\$174,000	\$193,000
REVENUES						
<u>Sewer Operations</u>						
Fixed Sewer Service Charges	1,362,000	1,580,000	1,873,000	2,107,000	2,223,000	2,335,000
Sewer Quantity Charges	687,000	792,000	945,000	1,064,000	1,122,000	1,179,000
Subtotal	2,049,000	2,372,000	2,818,000	3,171,000	3,345,000	3,514,000
Standby Availability	119,000	119,000	119,000	119,000	119,000	119,000
Interest Income	0	0	1,000	4,000	3,000	4,000
Capacity Charges from Growth	20,000	0	0	0	0	0
Other	78,000	70,000	70,000	70,000	70,000	70,000
Total Revenues	2,266,000	2,561,000	3,008,000	3,364,000	3,537,000	3,707,000
EXPENSES						
<u>Sewer System Operations</u>						
Salaries & Benefits	730,000	783,000	814,000	847,000	881,000	916,000
Additional Staffing Needs	0	126,000	264,000	275,000	286,000	297,000
Maintenance & Repair	344,000	240,000	250,000	260,000	270,000	281,000
Utilities	251,000	216,000	225,000	234,000	243,000	253,000
Government Fees	134,000	90,000	94,000	98,000	102,000	106,000
Other Operating	91,000	96,000	100,000	104,000	108,000	112,000
Allocated Overhead	461,000	461,000	479,000	498,000	518,000	539,000
Subtotal	2,011,000	2,012,000	2,226,000	2,316,000	2,408,000	2,504,000
<u>Debt Service</u>						
2010 City Nat'l Bank Loan (1999 Refi)	160,000	160,000	160,000	160,000	160,000	160,000
Repay \$466K Loan from General Fund	0	0	0	100,000	100,000	100,000
Subtotal	160,000	160,000	160,000	260,000	260,000	260,000
Capital Improvement Projects	120,000	300,000	500,000	800,000	850,000	900,000
Total Expenses	2,291,000	2,472,000	2,886,000	3,376,000	3,518,000	3,664,000
Revenues Less Expenses	(25,000)	89,000	122,000	(12,000)	19,000	43,000
Ending Fund Reserves	(25,000)	64,000	186,000	174,000	193,000	236,000
Fund Reserves as a % of O&M	-1%	3%	8%	8%	8%	9%
Debt Service Coverage	1.59	3.43	4.89	4.03	4.34	4.63

Table 5B
Cambria Community Services District
Sewer Financial Projections

Scenario B: Phased Approach
3-Year Phase-In to \$800K Annual CIP Funding

	6 2023/24	7 2024/25	8 2025/26	9 2026/27	10 2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	5%	5%	3%	3%	3%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Billed Use %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning Sewer Fund Reserves	\$236,000	\$254,000	\$253,000	\$265,000	\$286,000
REVENUES					
<u>Sewer Operations</u>					
Fixed Sewer Service Charges	2,451,000	2,574,000	2,655,000	2,735,000	2,817,000
Sewer Quantity Charges	<u>1,237,000</u>	<u>1,299,000</u>	<u>1,340,000</u>	<u>1,381,000</u>	<u>1,422,000</u>
Subtotal	3,688,000	3,873,000	3,995,000	4,116,000	4,239,000
Standby Availability	119,000	119,000	119,000	119,000	119,000
Interest Income	5,000	5,000	5,000	5,000	6,000
Capacity Charges from Growth	0	0	0	0	0
Other	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	3,882,000	4,067,000	4,189,000	4,310,000	4,434,000
EXPENSES					
<u>Sewer System Operations</u>					
Salaries & Benefits	953,000	991,000	1,031,000	1,072,000	1,115,000
Additional Staffing Needs	309,000	321,000	334,000	347,000	361,000
Maintenance & Repair	292,000	304,000	316,000	329,000	342,000
Utilities	263,000	274,000	285,000	296,000	308,000
Government Fees	110,000	114,000	119,000	124,000	129,000
Other Operating	116,000	121,000	126,000	131,000	136,000
Allocated Overhead	<u>561,000</u>	<u>583,000</u>	<u>606,000</u>	<u>630,000</u>	<u>655,000</u>
Subtotal	2,604,000	2,708,000	2,817,000	2,929,000	3,046,000
<u>Debt Service</u>					
2010 City Nat'l Bank Loan (1999 Refi)	160,000	160,000	160,000	160,000	160,000
Repay \$466K Loan from General Fund	<u>100,000</u>	<u>100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal	260,000	260,000	160,000	160,000	160,000
Capital Improvement Projects	1,000,000	1,100,000	1,200,000	1,200,000	1,200,000
Total Expenses	3,864,000	4,068,000	4,177,000	4,289,000	4,406,000
Revenues Less Expenses	18,000	(1,000)	12,000	21,000	28,000
Ending Fund Reserves	254,000	253,000	265,000	286,000	314,000
Fund Reserves as a % of O&M	10%	9%	9%	10%	10%
Debt Service Coverage	4.92	5.23	8.58	8.63	8.68

Table 6B
Cambria Community Services District
Proposed Sewer Rates

Scenario B: Phased Approach
3-Year Phase-In to \$800K Annual CIP Funding
No Change to Rate Structure

	Current Sewer Rates	Proposed Sewer Rates Effective On or After				
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Rate Increase %		18%	15%	12%	5%	5%
FIXED MONTHLY SEWER SERVICE CHARGES						
Residential						
Monthly Charge	\$30.29	\$35.74	\$41.10	\$46.03	\$48.33	\$50.75
Bi-Monthly Charge	60.57	71.48	82.20	92.06	96.66	101.50
Commercial						
Monthly Charge	\$30.29	\$35.74	\$41.10	\$46.03	\$48.33	\$50.75
Bi-Monthly Charge	60.57	71.48	82.20	92.06	96.66	101.50
SEWER QUANTITY CHARGES						
<i>Billed based on metered water use (\$/ccf)</i>						
Residential	\$3.50	\$4.13	\$4.75	\$5.32	\$5.59	\$5.87
Commercial						
<u>Wastewater Class</u>						
Class 1	\$3.07	\$3.62	\$4.16	\$4.66	\$4.89	\$5.13
Class 2	3.50	4.13	4.75	5.32	5.59	5.87
Class 3	5.39	6.36	7.31	8.19	8.60	9.03

Class 1 includes lower strength accounts including professional offices, retail stores, laundromats, & schools.

Class 2 includes all other commercial accounts (with standard/domestic strength wastewater) that are not classified Class 1 or Class 3.

Class 3 includes accounts with moderate to high wastewater strength including restaurants, hotels with restaurants, bakeries, mortuaries, markets with meat/seafood/food prep/garbage grinder, and mixed use accounts with an estimated 30% or more sewer discharge from higher strength wastewater flow.

1 ccf = 100 cubic feet, or approximately 748 gallons

The District reserves the right to assign customers to the class that best matches their wastewater strength.

Table 7B
Cambria Community Services District
Sewer Rate Impacts

Scenario B: Phased Approach
3-Year Phase-In to \$800K Annual CIP Funding

	Bi-Monthly Use (ccf)	% of Bills at or Below	Current Bi-Monthly Bill	Projected Bi-Monthly Sewer Bills				
				Jan-1, 2016	Jan-1, 2017	Jan-1, 2018	Jan-1, 2019	Jan-1, 2020
Single Family Residential Rate Impacts								
Very Low Use	2	30%	\$67.57	\$79.74	\$91.70	\$102.70	\$107.84	\$113.24
<i>Monthly Equivalent</i>			33.79	39.87	45.85	51.35	53.92	56.62
Low Use (Median)	4	50%	74.57	88.00	101.20	113.34	119.02	124.98
<i>Monthly Equivalent</i>			37.29	44.00	50.60	56.67	59.51	62.49
Average Use	5	70%	78.07	92.13	105.95	118.66	124.61	130.85
<i>Monthly Equivalent</i>			39.04	46.07	52.98	59.33	62.31	65.43
2x Average Use	10	90%	95.57	112.78	129.70	145.26	152.56	160.20
<i>Monthly Equivalent</i>			47.79	56.39	64.85	72.63	76.28	80.10
Very High Use	20	99%	130.57	154.08	177.20	198.46	208.46	218.90
<i>Monthly Equivalent</i>			65.29	77.04	88.60	99.23	104.23	109.45
Sample Commercial Rate Impacts								
Commercial Class 1 (e.g. Office, Retail, School)								
Small Commercial	10		91.27	107.68	123.80	138.66	145.56	152.80
<i>Monthly Equivalent</i>			45.64	53.84	61.90	69.33	72.78	76.40
Mod Commercial	25		137.32	161.98	186.20	208.56	218.91	229.75
<i>Monthly Equivalent</i>			68.66	80.99	93.10	104.28	109.46	114.88
Large Commercial	100		367.57	433.48	498.20	558.06	585.66	614.50
<i>Monthly Equivalent</i>			183.79	216.74	249.10	279.03	292.83	307.25
Large Commercial	200		674.57	795.48	914.20	1,024.06	1,074.66	1,127.50
<i>Monthly Equivalent</i>			337.29	397.74	457.10	512.03	537.33	563.75
Commercial Class 2 (e.g. Motel without Restaurant, Auto-Repair)								
Small Commercial	10		95.57	112.78	129.70	145.26	152.56	160.20
<i>Monthly Equivalent</i>			47.79	56.39	64.85	72.63	76.28	80.10
Mod Commercial	25		148.07	174.73	200.95	225.06	236.41	248.25
<i>Monthly Equivalent</i>			74.04	87.37	100.48	112.53	118.21	124.13
Large Commercial	100		410.57	484.48	557.20	624.06	655.66	688.50
<i>Monthly Equivalent</i>			205.29	242.24	278.60	312.03	327.83	344.25
Large Commercial	200		760.57	897.48	1,032.20	1,156.06	1,214.66	1,275.50
<i>Monthly Equivalent</i>			380.29	448.74	516.10	578.03	607.33	637.75
Commercial Class 3 (e.g. Restaurant, Hotel with Restaurant)								
Mod Commercial	25		195.32	230.48	264.95	296.81	311.66	327.25
<i>Monthly Equivalent</i>			97.66	115.24	132.48	148.41	155.83	163.63
Large Commercial	100		599.57	707.48	813.20	911.06	956.66	1,004.50
<i>Monthly Equivalent</i>			299.79	353.74	406.60	455.53	478.33	502.25
Large Commercial	200		1,138.57	1,343.48	1,544.20	1,730.06	1,816.66	1,907.50
<i>Monthly Equivalent</i>			569.29	671.74	772.10	865.03	908.33	953.75

Scenario B: Phased Approach

Cambria Community Services District Typical Monthly Residential Sewer Charges

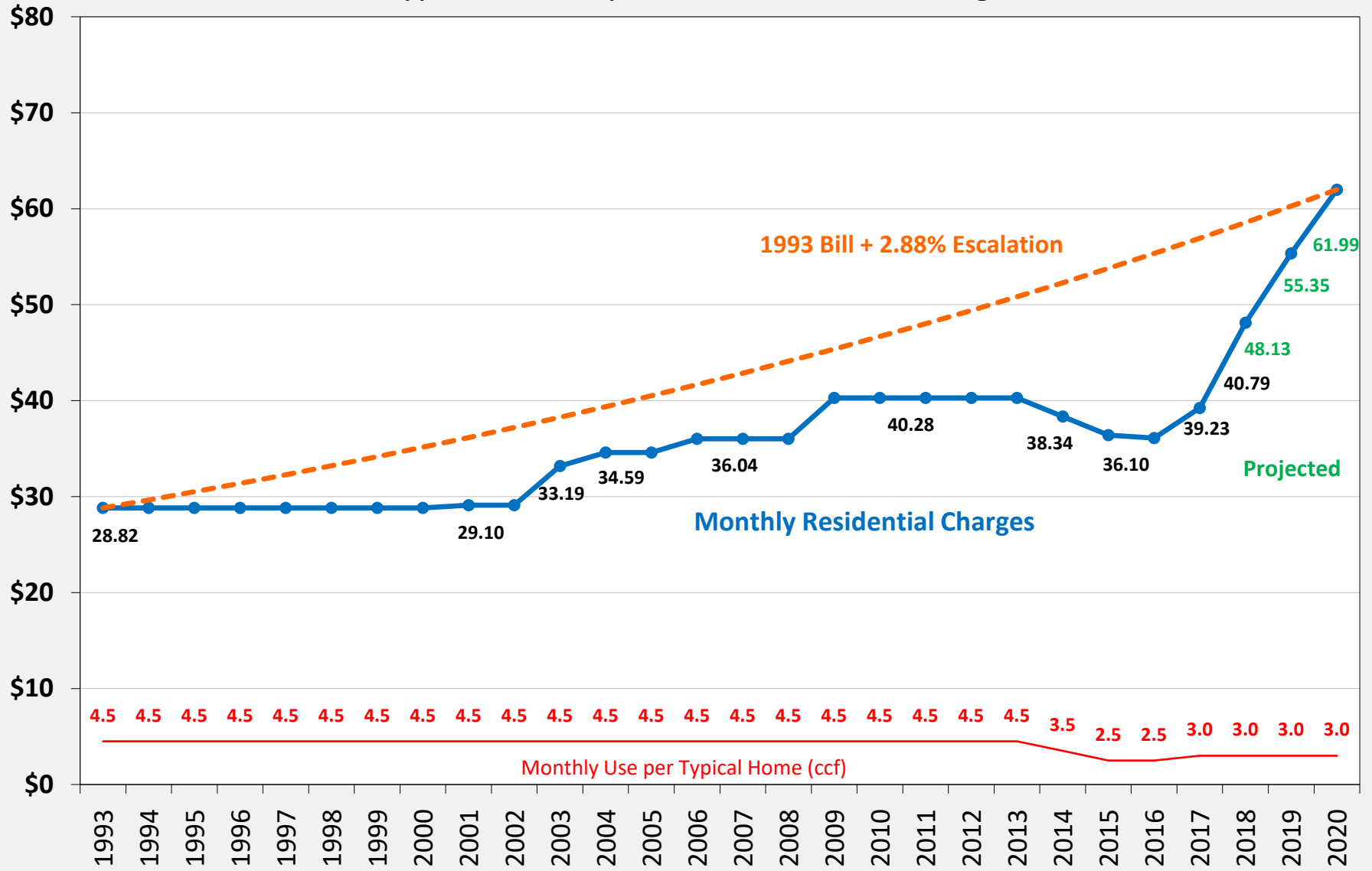


Table 5C
Cambria Community Services District
Sewer Financial Projections

Scenario C: Reduced Phase-In
3-Year Phase-In to \$600K Annual CIP Funding

	0	1	2	3	4	5
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Effective Date of Rate Increases	Jan-1	Sept-1	July-1	July-1	July-1	July-1
Projected Rate Increases	4%	16%	13%	10%	6%	6%
Growth (Single Family Equivalents)		0	0	0	0	0
Change in Billed Use %		0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation		4%	4%	4%	4%	4%
Interest Earnings Rate	1.25%	1.5%	2.0%	2.0%	2.0%	2.0%
Beginning Sewer Fund Reserves	\$0	(\$25,000)	\$183,000	\$316,000	\$347,000	\$377,000
REVENUES						
<u>Sewer Operations</u>						
Fixed Sewer Service Charges	1,362,000	1,559,000	1,812,000	2,002,000	2,128,000	2,256,000
Sewer Quantity Charges	687,000	782,000	914,000	1,010,000	1,074,000	1,139,000
Subtotal	2,049,000	2,341,000	2,726,000	3,012,000	3,202,000	3,395,000
Standby Availability	119,000	119,000	119,000	119,000	119,000	119,000
Interest Income	0	0	4,000	6,000	7,000	8,000
Capacity Charges from Growth	20,000	0	0	0	0	0
Other	78,000	70,000	70,000	70,000	70,000	70,000
Total Revenues	2,266,000	2,530,000	2,919,000	3,207,000	3,398,000	3,592,000
EXPENSES						
<u>Sewer System Operations</u>						
Salaries & Benefits	730,000	783,000	814,000	847,000	881,000	916,000
Additional Staffing Needs	0	126,000	264,000	275,000	286,000	297,000
Maintenance & Repair	344,000	240,000	250,000	260,000	270,000	281,000
Utilities	251,000	216,000	225,000	234,000	243,000	253,000
Government Fees	134,000	90,000	94,000	98,000	102,000	106,000
Other Operating	91,000	96,000	100,000	104,000	108,000	112,000
Allocated Overhead	461,000	461,000	479,000	498,000	518,000	539,000
Subtotal	2,011,000	2,012,000	2,226,000	2,316,000	2,408,000	2,504,000
<u>Debt Service</u>						
2010 City Nat'l Bank Loan (1999 Refi)	160,000	160,000	160,000	160,000	160,000	160,000
Repay \$466K Loan from General Fund	0	0	0	100,000	100,000	100,000
Subtotal	160,000	160,000	160,000	260,000	260,000	260,000
Capital Improvement Projects	120,000	150,000	400,000	600,000	700,000	750,000
Total Expenses	2,291,000	2,322,000	2,786,000	3,176,000	3,368,000	3,514,000
Revenues Less Expenses	(25,000)	208,000	133,000	31,000	30,000	78,000
Ending Fund Reserves	(25,000)	183,000	316,000	347,000	377,000	455,000
Fund Reserves as a % of O&M	-1%	9%	14%	15%	16%	18%
Debt Service Coverage	1.59	3.24	4.33	3.43	3.81	4.18

Table 5C
Cambria Community Services District
Sewer Financial Projections

Scenario C: Reduced Phase-In
3-Year Phase-In to \$600K Annual CIP Funding

	6 2023/24	7 2024/25	8 2025/26	9 2026/27	10 2027/28
Effective Date of Rate Increases	July-1	July-1	July-1	July-1	July-1
Projected Rate Increases	5%	5%	3%	3%	3%
Growth (Single Family Equivalents)	0	0	0	0	0
Change in Billed Use %	0.0%	0.0%	0.0%	0.0%	0.0%
Cost Escalation	4%	4%	4%	4%	4%
Interest Earnings Rate	2.0%	2.0%	2.0%	2.0%	2.0%
Beginning Sewer Fund Reserves	\$455,000	\$505,000	\$581,000	\$668,000	\$760,000
REVENUES					
<u>Sewer Operations</u>					
Fixed Sewer Service Charges	2,370,000	2,489,000	2,567,000	2,644,000	2,724,000
Sewer Quantity Charges	<u>1,196,000</u>	<u>1,256,000</u>	<u>1,296,000</u>	<u>1,335,000</u>	<u>1,375,000</u>
Subtotal	3,566,000	3,745,000	3,863,000	3,979,000	4,099,000
Standby Availability	119,000	119,000	119,000	119,000	119,000
Interest Income	9,000	10,000	12,000	13,000	15,000
Capacity Charges from Growth	0	0	0	0	0
Other	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>	<u>70,000</u>
Total Revenues	3,764,000	3,944,000	4,064,000	4,181,000	4,303,000
EXPENSES					
<u>Sewer System Operations</u>					
Salaries & Benefits	953,000	991,000	1,031,000	1,072,000	1,115,000
Additional Staffing Needs	309,000	321,000	334,000	347,000	361,000
Maintenance & Repair	292,000	304,000	316,000	329,000	342,000
Utilities	263,000	274,000	285,000	296,000	308,000
Government Fees	110,000	114,000	119,000	124,000	129,000
Other Operating	116,000	121,000	126,000	131,000	136,000
Allocated Overhead	<u>561,000</u>	<u>583,000</u>	<u>606,000</u>	<u>630,000</u>	<u>655,000</u>
Subtotal	2,604,000	2,708,000	2,817,000	2,929,000	3,046,000
<u>Debt Service</u>					
2010 City Nat'l Bank Loan (1999 Refi)	160,000	160,000	160,000	160,000	160,000
Repay \$466K Loan from General Fund	<u>100,000</u>	<u>100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal	260,000	260,000	160,000	160,000	160,000
Capital Improvement Projects	850,000	900,000	1,000,000	1,000,000	1,000,000
Total Expenses	3,714,000	3,868,000	3,977,000	4,089,000	4,206,000
Revenues Less Expenses	50,000	76,000	87,000	92,000	97,000
Ending Fund Reserves	505,000	581,000	668,000	760,000	857,000
Fund Reserves as a % of O&M	19%	21%	24%	26%	28%
Debt Service Coverage	4.46	4.75	7.79	7.83	7.86

Table 6C
Cambria Community Services District
Proposed Sewer Rates

Scenario C: Reduced Phase-In
3-Year Phase-In to \$600K Annual CIP Funding
No Change to Rate Structure

	Current Sewer Rates	Proposed Sewer Rates Effective On or After				
		Sept 1 2018	July 1 2019	July 1 2020	July 1 2021	July 1 2022
Rate Increase %		16%	13%	10%	6%	6%
FIXED MONTHLY SEWER SERVICE CHARGES						
Residential						
Monthly Charge	\$30.29	\$35.13	\$39.70	\$43.67	\$46.29	\$49.07
Bi-Monthly Charge	60.57	70.26	79.40	87.34	92.58	98.14
Commercial						
Monthly Charge	\$30.29	\$35.13	\$39.70	\$43.67	\$46.29	\$49.07
Bi-Monthly Charge	60.57	70.26	79.40	87.34	92.58	98.14
SEWER QUANTITY CHARGES						
<i>Billed based on metered water use (\$/ccf)</i>						
Residential	\$3.50	\$4.06	\$4.59	\$5.05	\$5.35	\$5.67
Commercial						
<u>Wastewater Class</u>						
Class 1	\$3.07	\$3.56	\$4.02	\$4.42	\$4.69	\$4.97
Class 2	3.50	4.06	4.59	5.05	5.35	5.67
Class 3	5.39	6.25	7.06	7.77	8.24	8.73

Class 1 includes lower strength accounts including professional offices, retail stores, laundromats, & schools.

Class 2 includes all other commercial accounts (with standard/domestic strength wastewater) that are not classified Class 1 or Class 3.

Class 3 includes accounts with moderate to high wastewater strength including restaurants, hotels with restaurants, bakeries, mortuaries, markets with meat/seafood/food prep/garbage grinder, and mixed use accounts with an estimated 30% or more sewer discharge from higher strength wastewater flow.

1 ccf = 100 cubic feet, or approximately 748 gallons

The District reserves the right to assign customers to the class that best matches their wastewater strength.

Table 7C
Cambria Community Services District
Sewer Rate Impacts

Scenario C: Reduced Phase-In
3-Year Phase-In to \$600K Annual CIP Funding

	Bi-Monthly Use (ccf)	% of Bills at or Below	Current Bi-Monthly Bill	Projected Bi-Monthly Sewer Bills				
				Jan-1, 2016	Jan-1, 2017	Jan-1, 2018	Jan-1, 2019	Jan-1, 2020
Single Family Residential Rate Impacts								
Very Low Use	2	30%	\$67.57	\$78.38	\$88.58	\$97.44	\$103.28	\$109.48
<i>Monthly Equivalent</i>			33.79	39.19	44.29	48.72	51.64	54.74
Low Use (Median)	4	50%	74.57	86.50	97.76	107.54	113.98	120.82
<i>Monthly Equivalent</i>			37.29	43.25	48.88	53.77	56.99	60.41
Average Use	5	70%	78.07	90.56	102.35	112.59	119.33	126.49
<i>Monthly Equivalent</i>			39.04	45.28	51.18	56.30	59.67	63.25
2x Average Use	10	90%	95.57	110.86	125.30	137.84	146.08	154.84
<i>Monthly Equivalent</i>			47.79	55.43	62.65	68.92	73.04	77.42
Very High Use	20	99%	130.57	151.46	171.20	188.34	199.58	211.54
<i>Monthly Equivalent</i>			65.29	75.73	85.60	94.17	99.79	105.77
Sample Commercial Rate Impacts								
Commercial Class 1 (e.g. Office, Retail, School)								
Small Commercial	10		91.27	105.86	119.60	131.54	139.48	147.84
<i>Monthly Equivalent</i>			45.64	52.93	59.80	65.77	69.74	73.92
Mod Commercial	25		137.32	159.26	179.90	197.84	209.83	222.39
<i>Monthly Equivalent</i>			68.66	79.63	89.95	98.92	104.92	111.20
Large Commercial	100		367.57	426.26	481.40	529.34	561.58	595.14
<i>Monthly Equivalent</i>			183.79	213.13	240.70	264.67	280.79	297.57
Large Commercial	200		674.57	782.26	883.40	971.34	1,030.58	1,092.14
<i>Monthly Equivalent</i>			337.29	391.13	441.70	485.67	515.29	546.07
Commercial Class 2 (e.g. Motel without Restaurant, Auto-Repair)								
Small Commercial	10		95.57	110.86	125.30	137.84	146.08	154.84
<i>Monthly Equivalent</i>			47.79	55.43	62.65	68.92	73.04	77.42
Mod Commercial	25		148.07	171.76	194.15	213.59	226.33	239.89
<i>Monthly Equivalent</i>			74.04	85.88	97.08	106.80	113.17	119.95
Large Commercial	100		410.57	476.26	538.40	592.34	627.58	665.14
<i>Monthly Equivalent</i>			205.29	238.13	269.20	296.17	313.79	332.57
Large Commercial	200		760.57	882.26	997.40	1,097.34	1,162.58	1,232.14
<i>Monthly Equivalent</i>			380.29	441.13	498.70	548.67	581.29	616.07
Commercial Class 3 (e.g. Restaurant, Hotel with Restaurant)								
Mod Commercial	25		195.32	226.51	255.90	281.59	298.58	316.39
<i>Monthly Equivalent</i>			97.66	113.26	127.95	140.80	149.29	158.20
Large Commercial	100		599.57	695.26	785.40	864.34	916.58	971.14
<i>Monthly Equivalent</i>			299.79	347.63	392.70	432.17	458.29	485.57
Large Commercial	200		1,138.57	1,320.26	1,491.40	1,641.34	1,740.58	1,844.14
<i>Monthly Equivalent</i>			569.29	660.13	745.70	820.67	870.29	922.07

Scenario C:
Reduced Phase-In

Cambria Community Services District Typical Monthly Residential Sewer Charges

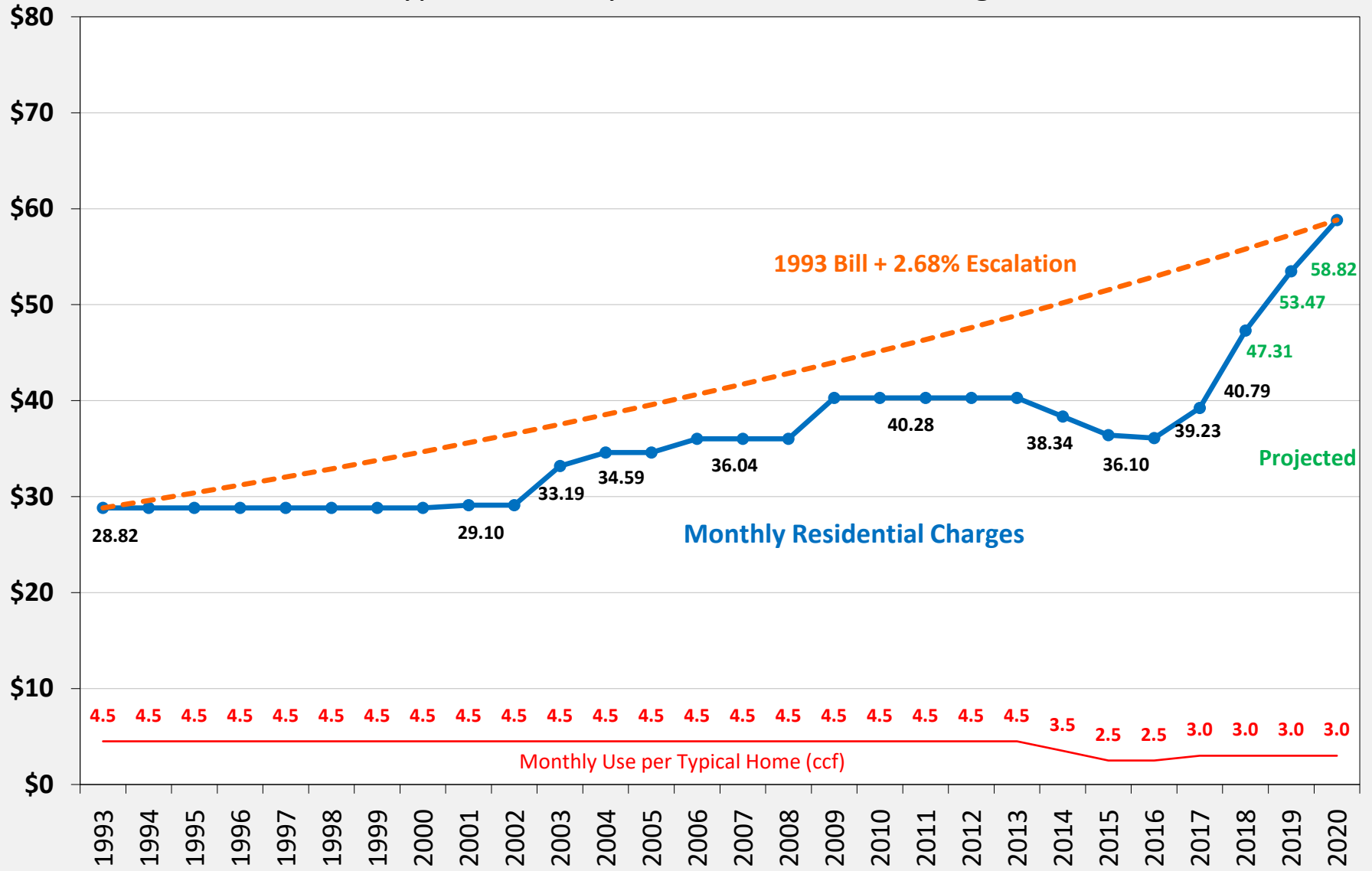


Table 8
 Cambria Community Services District
 Summary of Sewer Rate Scenarios

	Sept-1 2018	July-1 2019	July-1 2020
A) Front-Load Increase			
Rate Increase %	50%	0%	0%
CIP Funding	\$800,000	\$800,000	\$800,000
B) Phased Approach			
Rate Increase %	18%	15%	12%
CIP Funding	\$300,000	\$500,000	\$800,000
C) Reduced Phase-In			
Rate Increase %	16%	13%	10%
CIP Funding	\$150,000	\$400,000	\$600,000

Combined Rate Impacts

Cambria Community Services District Combined Impact on a Typical Bill

Scenario A: Front-Loaded Wtr & Swr Rate Increases

Residential customer with 6 units bi-monthly water use (roughly 75 gallons per day)

Approx. 70% of residential bills are currently at or below this level of use.

1 unit = 100 cubic feet = approx. 748 gallons

	Current Charges	Charges with Proposed Rates		
		Sept-1, 2018	July-1, 2019	July-1, 2020
WATER				
Fixed Water Charge	\$27.58	\$36.40	\$36.40	\$36.40
Quantity Charge	<u>46.50</u>	<u>61.38</u>	<u>61.38</u>	<u>61.38</u>
Bi-Monthly Total	74.08	97.78	97.78	97.78
<i>Monthly Equivalent</i>	<i>37.04</i>	<i>48.89</i>	<i>48.89</i>	<i>48.89</i>
SWF				
SWF Fixed Charge	13.00	15.86	18.08	20.26
SWF Quantity Charge	12.00	14.00	15.94	17.86
SWF Operating Surcharge	<i>varies</i>	<i>eliminated</i>	<i>eliminated</i>	<i>eliminated</i>
Bi-Monthly Total	25.00	29.86	34.02	38.12
<i>Monthly Equivalent</i>	<i>12.50</i>	<i>14.93</i>	<i>17.01</i>	<i>19.06</i>
SEWER				
Fixed Charge	60.57	90.86	90.86	90.86
Quantity Charge	<u>21.00</u>	<u>31.50</u>	<u>31.50</u>	<u>31.50</u>
Bi-Monthly Total	81.57	122.36	122.36	122.36
<i>Monthly Equivalent</i>	<i>40.79</i>	<i>61.18</i>	<i>61.18</i>	<i>61.18</i>
Total Bi-Monthly Charges	180.65	250.00	254.16	258.26
<i>Monthly Equivalent</i>	<i>90.33</i>	<i>125.00</i>	<i>127.08</i>	<i>129.13</i>

Cambria Community Services District Combined Impact on a Typical Bill

Scenario B: Phased Approach

Residential customer with 6 units bi-monthly water use (roughly 75 gallons per day)

Approx. 70% of residential bills are currently at or below this level of use.

1 unit = 100 cubic feet = approx. 748 gallons

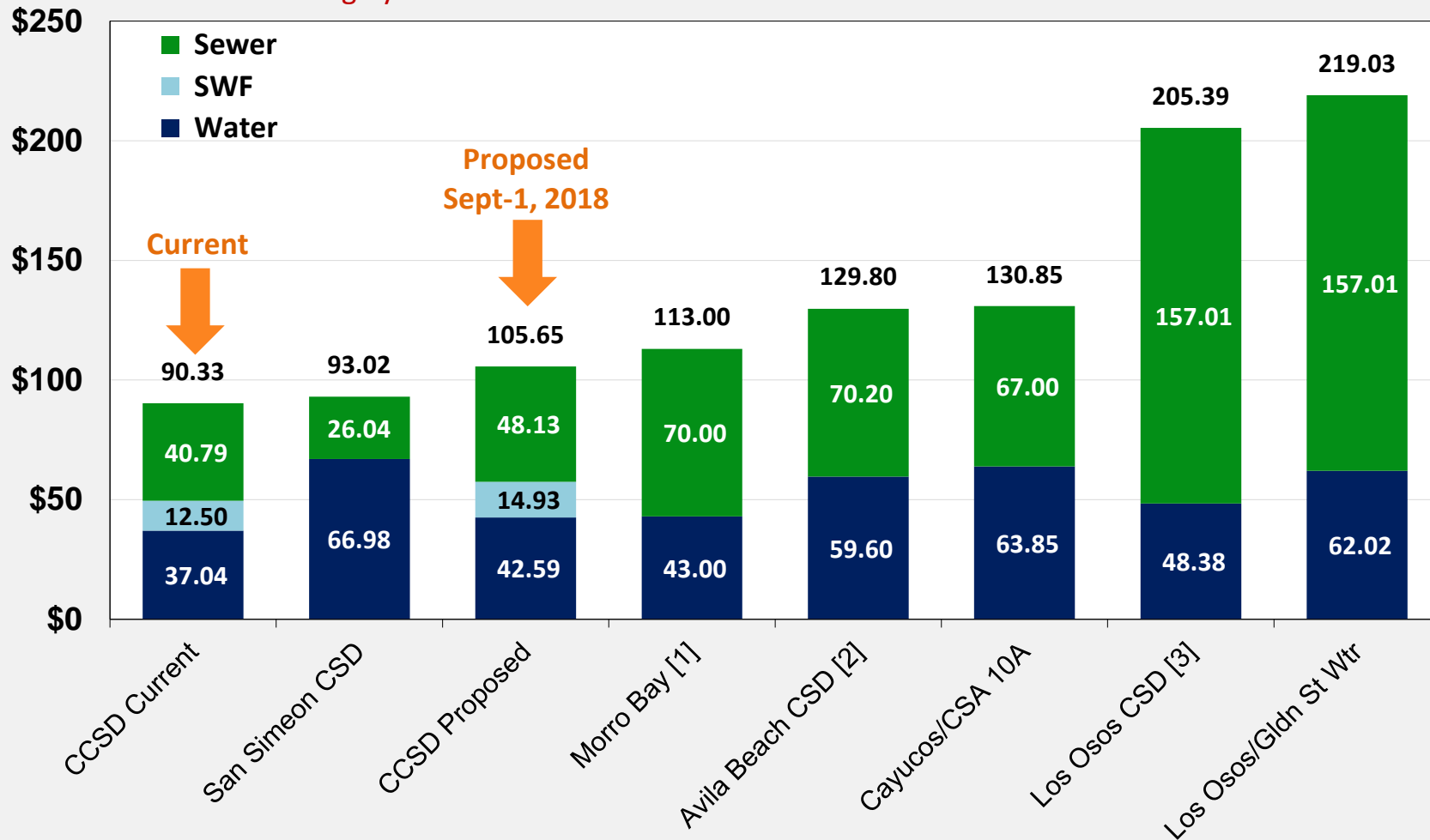
	Current Charges	Charges with Proposed Rates		
		Sept-1, 2018	July-1, 2019	July-1, 2020
WATER				
Fixed Water Charge	\$27.58	\$31.72	\$34.90	\$36.64
Quantity Charge	<u>46.50</u>	<u>53.46</u>	<u>58.82</u>	<u>61.74</u>
Bi-Monthly Total	74.08	85.18	93.72	98.38
<i>Monthly Equivalent</i>	<i>37.04</i>	<i>42.59</i>	<i>46.86</i>	<i>49.19</i>
SWF				
SWF Fixed Charge	13.00	15.86	18.08	20.26
SWF Quantity Charge	12.00	14.00	15.94	17.86
SWF Operating Surcharge	<i>varies</i>	<i>eliminated</i>	<i>eliminated</i>	<i>eliminated</i>
Bi-Monthly Total	25.00	29.86	34.02	38.12
<i>Monthly Equivalent</i>	<i>12.50</i>	<i>14.93</i>	<i>17.01</i>	<i>19.06</i>
SEWER				
Fixed Charge	60.57	71.48	82.20	92.06
Quantity Charge	<u>21.00</u>	<u>24.78</u>	<u>28.50</u>	<u>31.92</u>
Bi-Monthly Total	81.57	96.26	110.70	123.98
<i>Monthly Equivalent</i>	<i>40.79</i>	<i>48.13</i>	<i>55.35</i>	<i>61.99</i>
Total Bi-Monthly Charges	180.65	211.30	238.44	260.48
<i>Monthly Equivalent</i>	<i>90.33</i>	<i>105.65</i>	<i>119.22</i>	<i>130.24</i>

Scenario B
Phased Approach

Combined Monthly Water & Sewer Charges

Monthly Residential Charges with 3 ccf Monthly Use (6 ccf Bi-Monthly Use)

Roughly 70% of CCSD residential bills are at or below this level of use



1 Previously adopted additional 19% water rate increases over next 2 fiscal years; anticipates substantial sewer rate increases.

2 Previously adopted additional 10% water rate increase and 25% sewer rate increase effective July 1, 2018.

3 Previously adopted additional 25% water rate increase over next 2 fiscal years.

Rate Effective June 2018

Cambria Community Services District Combined Impact on a Typical Bill

Scenario C: Reduced Phase-In
Reduced CIP Funding

Residential customer with 6 units bi-monthly water use (roughly 75 gallons per day)

Approx. 70% of residential bills are currently at or below this level of use.

1 unit = 100 cubic feet = approx. 748 gallons

	Current Charges	Charges with Proposed Rates		
		Sept-1, 2018	July-1, 2019	July-1, 2020
WATER				
Fixed Water Charge	\$27.58	\$30.34	\$32.76	\$34.72
Quantity Charge	<u>46.50</u>	<u>51.14</u>	<u>55.24</u>	<u>58.56</u>
Bi-Monthly Total	74.08	81.48	88.00	93.28
<i>Monthly Equivalent</i>	<i>37.04</i>	<i>40.74</i>	<i>44.00</i>	<i>46.64</i>
SWF				
SWF Fixed Charge	13.00	15.86	18.08	20.26
SWF Quantity Charge	12.00	14.00	15.94	17.86
SWF Operating Surcharge	<i>varies</i>	<i>eliminated</i>	<i>eliminated</i>	<i>eliminated</i>
Bi-Monthly Total	25.00	29.86	34.02	38.12
<i>Monthly Equivalent</i>	<i>12.50</i>	<i>14.93</i>	<i>17.01</i>	<i>19.06</i>
SEWER				
Fixed Charge	60.57	70.26	79.40	87.34
Quantity Charge	<u>21.00</u>	<u>24.36</u>	<u>27.54</u>	<u>30.30</u>
Bi-Monthly Total	81.57	94.62	106.94	117.64
<i>Monthly Equivalent</i>	<i>40.79</i>	<i>47.31</i>	<i>53.47</i>	<i>58.82</i>
Total Bi-Monthly Charges	180.65	205.96	228.96	249.04
<i>Monthly Equivalent</i>	<i>90.33</i>	<i>102.98</i>	<i>114.48</i>	<i>124.52</i>

Scenario C
Reduced Phase-In

Combined Monthly Water & Sewer Charges

Monthly Residential Charges with 3 ccf Monthly Use (6 ccf Bi-Monthly Use)

Roughly 70% of CCSD residential bills are at or below this level of use



1 Previously adopted additional 19% water rate increases over next 2 fiscal years; anticipates substantial sewer rate increases.

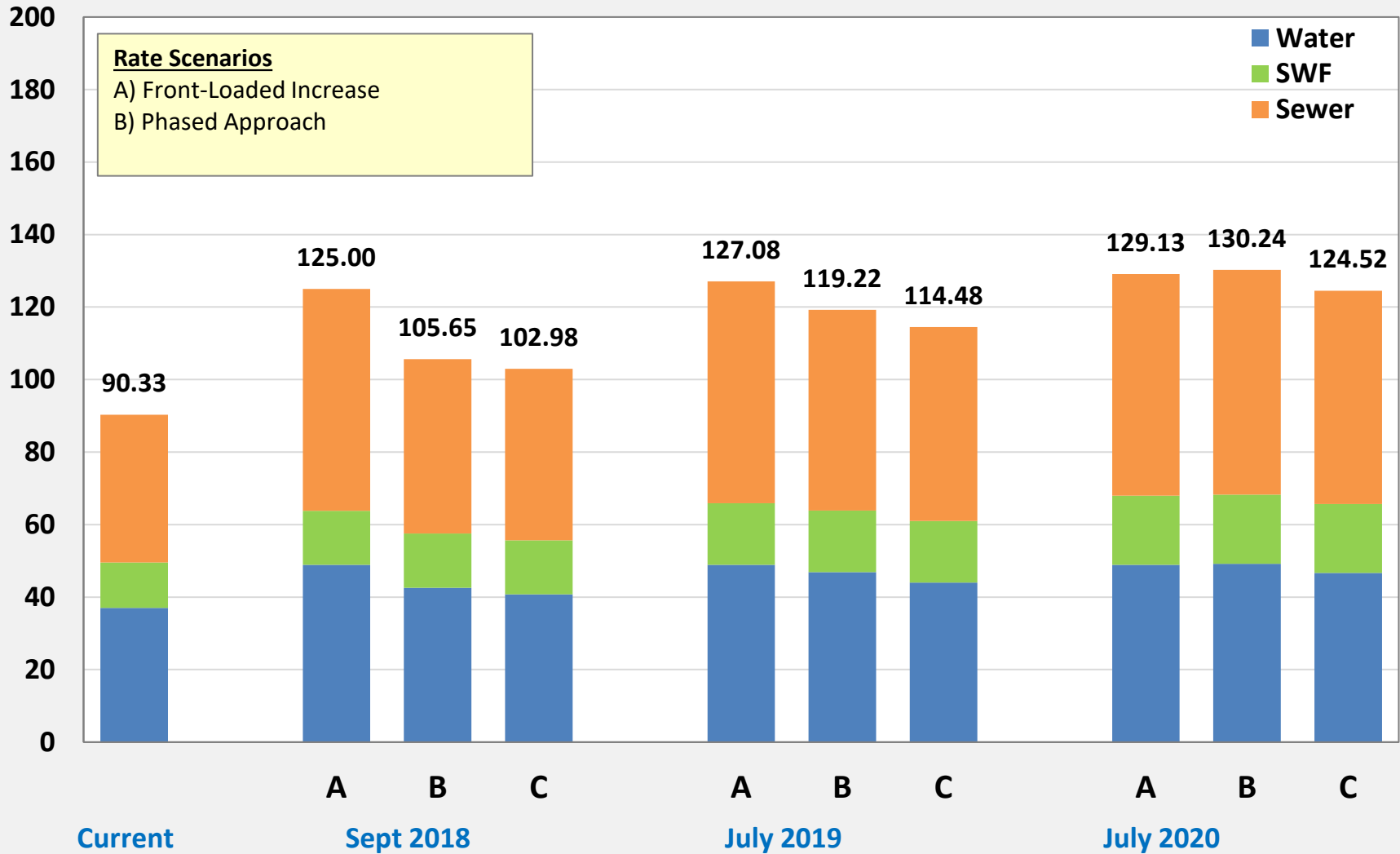
2 Previously adopted additional 10% water rate increase and 25% sewer rate increase effective July 1, 2018.

3 Previously adopted additional 25% water rate increase over next 2 fiscal years.

Rate Effective June 2018

Combined Monthly Charges

Typical Home with 6 ccf Bi-Monthly Use (3 ccf Monthly Use)



Cambria Community Services District Combined Impact on a Typical Bill

Bills with No Changes to
Prior-Adopted Rates

Residential customer with 6 units bi-monthly water use (roughly 75 gallons per day)

Approx. 70% of residential bills are currently at or below this level of use.

1 unit = 100 cubic feet = approx. 748 gallons

	Current Charges	Charges with No Action	
		Jan-1, 2019	Jan-1, 2020
WATER		<u>4% Increase</u>	<u>4% Increase</u>
Fixed Water Charge	\$27.58	\$28.68	\$29.83
Quantity Charge	<u>46.50</u>	<u>48.36</u>	<u>50.28</u>
Bi-Monthly Total	74.08	77.04	80.11
<i>Monthly Equivalent</i>	<i>37.04</i>	<i>38.52</i>	<i>40.06</i>
SWF		<u>No Increase</u>	<u>No Increase</u>
SWF Fixed Charge	13.00	13.00	13.00
SWF Quantity Charge	12.00	12.00	12.00
SWF Operating Surcharge*	<i>varies</i>	<i>varies</i>	<i>varies</i>
Bi-Monthly Total	25.00	25.00	25.00
<i>Monthly Equivalent</i>	<i>12.50</i>	<i>12.50</i>	<i>12.50</i>
SEWER		<u>4% Increase</u>	<u>4% Increase</u>
Fixed Charge	60.57	62.99	65.51
Quantity Charge	<u>21.00</u>	<u>21.84</u>	<u>22.74</u>
Bi-Monthly Total	81.57	84.83	88.25
<i>Monthly Equivalent</i>	<i>40.79</i>	<i>42.42</i>	<i>44.13</i>
Total Bi-Monthly Charges	180.65	186.87	193.36
<i>Monthly Equivalent</i>	<i>90.33</i>	<i>93.44</i>	<i>96.68</i>

* Under current rates, an SWF Operating Surcharge is levied during periods of SWF operation.