

	2018 Actual	2019 Budget	2019 Projected YE	2020 Budget	% of 2019 Budget	Comments
OPERATING REVENUE						
WATER OPERATING INCOME						
Water sales	4,465,554	3,860,000	4,300,000	4,000,000	103.6%	Average of 2015-2019; 1% increase to water rates and fees
Water supply project fee	706,200	700,000	700,000	710,000	101.4%	\$12.50 fee remains unchanged, decent tap growth in 2019, Average 1.5% annual escalation
Irrigation water sales	1,036,836	700,000	700,000	750,000	107.1%	Approximately average of Actual of 2015-2018 including YE 2019
Bulk and hydrant meter water sales		-	110,000	160,000	N/A	This has been shown in other income previously, important to track separately; just guess in absense of historical data.
Ground water protection fees	23,860	25,000	24,000	25,000	100.0%	Approximately average of Actual of 2015-2018 including YE 2019
Ready to serve fees	39,314	40,000	33,500	40,000	100.0%	Approximately average of Actual of 2015-2018 including YE 2019
Cherry Creek Project Water Authority	42,932	50,000	60,000	70,000	140.0%	Consistent with YE 2019 projection. Walker Reservoir under construction; assume more Management time.
Other	358,188	60,000	30,000	60,000	100.0%	Consistent with YE 2019 projection.
Total water operating income	\$ 6,672,884	\$ 5,435,000	\$ 5,957,500	\$ 5,815,000	107.0%	
SEWER OPERATING INCOME						
Sewer user charges	2,411,006	2,350,000	2,450,000	2,450,000	104.3%	No increase to WW rates, consistent with 2017 Rates and Fees Study, customer base growth
Ready to Serve Fees	28,518	25,000	26,000	25,000	100.0%	Number of platted, vacant lots will continue to decrease in 2020. No new subdivisions on the horizon.
Canyons South	137,777	153,770	153,770	153,770	100.0%	Per contract, number of unutilized taps in 2020 is same as 2019
Total sewer operating income	\$ 2,577,301	\$ 2,528,770	\$ 2,629,770	\$ 2,628,770	104.0%	
NONOPERATING REVENUE						
Net investment income	191,215	100,000	260,000	100,000	100.0%	Approximately average of Actual of 2015-2018 including YE 2019
Late charges	53,553	50,000	50,000	52,000	104.0%	Approximately average of Actual of 2015-2018 including YE 2019
Other income	413,854	30,000	20,000	30,000	100.0%	Constant - Will adjust with future YTD data
Proceeds from sale of assets	15,500	15,000	3,500,000	10,000	66.7%	Will send Explorer to auction; high number in 2019 is sale of WISE Assets.
Total non operating income	674,122	195,000	3,830,000	192,000	98.5%	
TAP FEE REVENUE						
Tap fees - water	1,773,009	2,164,113	2,164,113	2,821,840	130.4%	Based on 2017 Rates & Fees Update growth projections - 63 taps; \$35,273 W (an extra \$200 for BEACON program) & \$7,415 WW; \$217K for Cielo MD wholesale treatment payment (2 of 5)
Tap fees - sewer	358,530	671,860	671,860	810,200	120.6%	
Tap Surcharge Water	22,397	15,000	15,000	15,000	100.0%	Hold Constant
Total Tap Fees	\$ 2,153,936	\$ 2,850,973	\$ 2,850,973	\$ 3,647,040	127.9%	
TOTAL REVENUE	\$ 12,078,243	\$ 11,009,743	\$ 15,268,243	\$ 12,282,810	111.6%	

	2018 Actual	2019 Budget	2019 Projected YE	2020 Budget	% of 2019 Budget	Comments
OPERATING EXPENSES						
WATER OPERATING EXPENSES						
Vehicle expense/maintenance	38,149	35,000	32,500	35,000	100%	Hold constant
Laboratory testing and chemicals	207,404	195,000	250,000	250,000	128%	We have already been notified of a 2-3% increase in chemical costs for next year. More reagents sets because of more analyzers throughout the systems. State mandated increase in sampling requirements.
Legal	3,265	30,000	5,000	5,000	17%	For misc. maintenance of water rights.
Outside services	56,167	60,000	65,000	135,000	225%	This is increased to assist in water system modeling associated with Master Planning and the Risk/Resilience Assessment required by the EPA; SEDARU licensing of \$16k
Repairs, maintenance and supplies	200,019	265,000	220,000	230,000	87%	Reduced to be consistent with average of 2015-2018 actual including YE 2019.
Salaries and related costs	707,783	747,200	730,000	752,000	101%	Assume 3% average increase for existing staff; no additional FTEs
Payroll taxes	52,308	56,040	57,500	56,400	101%	7.5% of salaries
Employee benefits	202,350	248,000	225,000	245,000	99%	6% increase to medical premiums.
Small tools and safety items	7,022	8,500	8,500	14,000	165%	Includes purchase of thermal Imagin Camera for better diagnostic on electrical equipment
Utilities	715,584	650,000	590,000	650,000	100%	
Conservation	82	66,000	50,000	55,000	83%	Includes annual memberships in Water Education Colorado, WaterWISE and incentives from Resource Central consistent with Water Efficiency Master Plan. Also continues 1/2 FTE to manage activities.
CCPWA Water Lease	123,426	-	150,000	30,000		Placeholder, depends on the type of water year.
CCPWA Operations	20,489	37,000	35,000	37,000	100%	Hold constant
SMWSA and SPWRAP Dues	27,111	25,000	20,000	30,000	120%	\$25k for SMWSA and \$5k for SPWRAP
South Metro WISE Authority Operations	167,909	101,000	110,000	35,000	35%	Per Aug19 version of SMWA Budget
WISE Water	169,880	456,000	200,000	650,000	143%	Assumes 294 AF of WISE water
Total water operating expenses	\$ 2,698,948	\$ 2,979,740	\$ 2,970,000	\$ 3,209,400	107.7%	

	2018 Actual	2019 Budget	2019 Projected YE	2020 Budget	% of 2019 Budget	Comments
SEWER OPERATING EXPENSES						
Vehicle expense/maintenance	11,400	12,000	8,000	12,000	100.0%	Hold Constant
Cherry Creek Basin fees	14,200	16,000	15,000	16,000	100.0%	Hold Constant
Laboratory testing and chemicals	82,672	85,000	84,000	86,000	101.2%	Slight increase in the cost of polymer
Outside services	22,562	10,000	10,000	10,000	100.0%	
Repairs, maintenance and supplies	133,878	180,000	170,000	180,000	100.0%	Hold constant
Salaries and related costs	407,223	467,600	430,000	481,000	102.9%	Haven't been able to fill the extra FTE for WW operator yet in 2019, included in 2020 estimate with 3% adjustment
Payroll taxes	31,503	35,070	33,000	36,100	102.9%	7.5% of salaries
Employee benefits	136,831	165,000	147,200	180,000	109.1%	Assume 9% increase to benefits. Placeholder until CHP Board meeting in September
Solids Removal	64,352	70,000	60,000	70,000	100.0%	Hold Constant
Small tools and Equipment	2,760	5,000	3,000	5,000	100.0%	Hold Constant
Utilities	203,872	210,000	200,000	215,000	102.4%	Slight increase to include \$5000 for SEDARU licensing
Total sewer operating expenses	\$ 1,111,253	\$ 1,255,670	\$ 1,160,200	\$ 1,291,100	102.8%	
NONOPERATING EXPENSES						
Accounting and audit	99,890	95,000	95,000	90,000	94.7%	Staff is taking more on. Staffing changes due in 2020 at CLA.
Admin vehicle	415	1,500	500	1,000	66.7%	Average of 2014-2018 Actuals with 2019 YE
Data processing	36,325	29,000	44,000	38,000	131.0%	Consistent with average of 2014-2018 Actuals with 2019 YE
Directors' fees	6,800	6,000	6,000	9,000	150.0%	Assume 12 Regular meetings and 6 special meetings
Dues and seminars	18,769	30,000	10,000	20,000	66.7%	More consistent with recent years.
Paying agent fees	-	1,500	1,500	1,500	100.0%	Consistent with average of 2014-2018 Actuals with 2019 YE
Insurance	124,131	120,000	133,000	135,000	112.5%	Rising insurance rates due to rerating of above ground facilities due to recent hailstorms.
Legal	102,773	120,000	55,000	75,000	62.5%	Reduction in legal fees due to less legal agreements.
Miscellaneous	5,552	9,000	6,000	7,000	77.8%	Consistent with average of 2014-2018 Actuals with 2019 YE
Office expense	14,306	20,000	15,000	20,000	100.0%	Hold Constant
Outside services	41,996	45,000	40,000	200,000	444.4%	\$80k for Rates and Fees Study; \$65k to assist with Master Plans; \$20k SEDARU; \$35k for 2020 Board election
Repairs and maintenance - office	19,094	20,000	18,000	70,000	350.0%	Interior paint throughout; replace furnace, streetscape landscape repairs; new carpet, new floor downstairs
Salaries and related costs	309,241	360,000	290,000	330,000	91.7%	Lower because of the adjustment of employee splits between funds.
Payroll taxes	20,194	27,000	23,000	24,750	91.7%	7.5% of salaries
Employee benefits	74,822	123,000	85,000	94,050	76.5%	About 28.5% of salaries
Utility billing system	10,740	10,000	10,000	15,000	150.0%	Annual subscriptions to CUSI + effort to link SEDARU
Safety and training	23,608	28,000	32,000	35,000	125.0%	Minor days safe milestones next year, more employees
Security services	16,789	20,000	20,000	20,000	100.0%	Hold Constant
Customer communications	38,386	50,000	32,000	35,000	70.0%	More consistent with recent years due to change to outsourced bill printers.
Telephone and utilities	27,016	25,000	25,000	27,500	110.0%	Slight increase with new Fiber line to District Office and new pump station #1
Total nonoperating expenses	\$ 990,847	\$ 1,140,000	\$ 941,000	\$ 1,247,800	109.5%	

	2018 Actual	2019 Budget	2019 Projected YE	2020 Budget	% of 2019 Budget	Comments
DEBT SERVICE						
2015 CWRPDA Loan - principal	620,491	620,491	628,519	631,600	101.8%	Per 2017-2018 Audit page 40
2014 CWCB Loan - principal	41,148	41,148	42,383	50,000	121.5%	CLA to advise.
2010 Revenue Note - principal	457,734	457,734	475,993	495,000	108.1%	Per 2017-2018 Audit page 39
2005 CWRPDA loan - principal	240,000	240,000	245,000	250,000	104.2%	Per 2017-2018 Audit page 38
2002 CWRPDA loan - principal	355,000	350,000	365,000	370,000	105.7%	Per 2017-2018 Audit page 38
2015 CWRPDA Loan - interest	213,419	213,419	211,144	207,300	97.1%	Per 2017-2018 Audit page 40
2014 CWCB Loan - interest	136,486	106,864	102,000	102,000	95.4%	Per CLA
2010 Revenue Note - interest	294,410	294,410	277,656	259,000	88.0%	Per 2017-2018 Audit page 39
2005 CWRPDA loan - interest	70,228	70,228	66,198	59,500	84.7%	Per 2017-2018 Audit page 38
2002 CWRPDA loan - interest	81,947	81,947	75,437	70,250	85.7%	Per 2017-2018 Audit page 38
Total debt service	\$ 2,510,863	\$ 2,476,241	\$ 2,489,330	\$ 2,494,650	100.7%	

CAPITAL OUTLAY						
Cost recovery payments	169,940	120,000	120,000	135,000	112.5%	Consistent with 2017-2019 average
Water repair & replacement						
Well Rehabilitation & Inspection	6,191	300,000	600,000	300,000	100.0%	\$300k rolled over from Dec2018 and this year's \$300k; 2020 budget includes SW-1, SW-2 DW-S, DW-B
Air Vac Valve Upgrades	-	10,000	10,000	7,000	70.0%	Consistent with Asset Management Implementation Plan
System Valves Upgrades	30,182	40,000	40,000	100,000	250.0%	Consistent with Asset Management Implementation Plan. Added \$60,000 for AM "Red Orb" valves.
Meter Pit Upgrades	23,313	30,000	30,000	30,000	100.0%	Consistent with Asset Management Implementation Plan
Curb Stop Replacement	11,586	40,000	40,000	40,000	100.0%	Consistent with Asset Management Implementation Plan
Fire Hydrant Replacement	2,349	20,000	20,000	12,000	60.0%	Consistent with Asset Management Implementation Plan
Potable Pipeline Replacement Program						\$200k each year to build an account for replacement
SCADA	37,909	50,000	30,000	58,000	116.0%	P.S. 5 - PLC re-write and replacement of all I/O cards. Replacement of obsolete radio equipment at the facilities in Colo. Golf. Replacement of obsolete radio equipment and PLC's at P.S. 3, Wells J & P and Well Q.
New Mag Meters		-	10,000	10,000		The fire flow meter at P.S. 4 needs to be replaced due to inaccuracy.
Electric System Upgrades		10,000	10,000	10,000	100.0%	For PS8
Leak Detection - HydroMax		65,000	65,000	65,000	100.0%	Placeholder for work to be done if 2019 results prove helpful, else will push into 2021
Potable Pipeline Replacement Project	784	375,000	375,000	-	0.0%	All work should be completed by end of year.
Pump Station #5 Improvements	19,673		-	10,000		Installation of VFD at PS 5
Well N Drain Line		40,000	-	40,000		Tye drain lines into sanitary sewer to recovery the wastewater. Funds from 2019 rolled into 2020
Reservoir Repairs (5, 9A, 9B, 7, 4)		25,000	25,000	-		Repair of Reservoir 5 curtains and cables, Res 9, 8 and 7 hatches - Lillard & Clark Construction
Power Receptacle at Pump Station	25,088	30,000	30,000	20,000	66.7%	Installation of a manual transfer switch (MTS) at SW 7 and SW 9
Total Water Repair & Replacement	\$ 157,075	\$ 1,035,000	\$ 1,285,000	\$ 702,000	67.8%	

	2018 Actual	2019 Budget	2019 Projected YE	2020 Budget	% of 2019 Budget	Comments
Water new capital						
Major Meter EyeOnWater Retrofit				24,400		Includes end points for all major meter accounts and conversion from Radio Read software (no longer supported 6-30-2020) to the Beacon Platform. Quote from Beacon in folder.
Walker Reservoir	0		-	-		Project funded by Vessel Property sale proceeds currently in escrow with CCPWA
Zone F & G Hydraulic Improvements				200,000		Final Design
Effluent Storage at WWTP			10,000			Preliminary Cost estimate showed it was not feasible. Project removed from the capital plan.
Shallow Wells Redrill		500,000	20,000	550,000	110.0%	Redrill of SW5 and redrill of SW 6
Stone Creek Ranch Well Facility			-	2,000,000		Includes Arapahoe and Dawson wells, Well house and site improvements, raw water pipeline.
CCPWA	30,203	122,000		100,000	82.0%	Estimate, will be adjusted once CCPWA submits first draft of its budget
Water Rights		-	-	150,000		Help from HRS and BFW to adjudicate Broe WR
Water Meters	9,485	20,000	25,000	40,000	200.0%	Higher due to more taps in 2020.
Timbers Zone D Pipeline		300,000	300,000	-		
Pump Station 4 - Mid Booster		50,000	50,000			
Portable Generator			-	60,000		Includes trailer and cold weather package
Total Water New Capital	\$ 104,029	\$ 992,000	\$ 405,000	\$ 3,124,400	315.0%	
Wastewater repair & replacement						
Collection System Point Repairs and Lining	17,120	130,000	40,000	120,000	92.3%	Funds from 2019 will roll into 2020 and be used solely for mainline CIPP in a bigger cache to attract bidders.
SCADA	30,862	15,000	1,000	15,000	100.0%	Hold constant
Misc WWTP Repairs	261,694	150,000	150,000	24,000	16.0%	Asphalt repair to biosolids drying pad.
Total Wastewater Projects	\$ 309,676	\$ 295,000	\$ 191,000	\$ 159,000	53.9%	
Wastewater New Capital						
Pipe bursting and manholes at Pinery Townhomes				250,000		Replace current clean outs with manholes to enable District to perform routine maintenance of collection lines near the townhomes. Pipe bursting of small 4" lines into 8"
Total Wastewater Projects	\$ -	\$ -	\$ -	\$ 250,000		
General and Administrative						
GIS program	14,454	40,000	32,400	50,000	125.0%	Lots of development in 2019 that needs to be input into the GIS system, assistance migrating the database into SEDARU
SEDARU Asset Management Implementation			21,000	45,000		Per proposal from Adam 7/17/19
Vehicles	68,231	105,000	113,000	90,000	85.7%	Assume replacement of 2 trucks? Need new Admin/Engineering pool vehicle
Furniture and office equipment	1,798	10,000	5,000	20,000	200.0%	Constant
Cyber Security Upgrade		20,000	-	10,000	50.0%	Need outside assistance with recommendations in the Cyber Security Assessment
District Office Upgrade		50,000	30,000	270,000	540.0%	Includes Parking Lot reconfiguration and repave, basement buildout
Capital Salaries/taxes/benefits		380,000	260,000	391,400	103.0%	Assume 3% increase. Will adjust in September once we know the forecast for benefits
Computer/Networking/Hardware	48,821	35,000	34,000	20,000	57.1%	Lower due to lower number of computers to replace.
Total G & A	\$ 133,304	\$ 640,000	\$ 495,400	\$ 896,400	140.1%	
Total Capital Outlay	\$ 874,024	\$ 3,082,000	\$ 2,496,400	\$ 5,266,800	170.9%	
TOTAL EXPENSES	\$ 8,185,935	\$ 10,933,651	\$ 10,056,930	\$ 13,509,750	123.6%	
OVER/UNDER	\$ 3,892,308	\$ 76,092	\$ 5,211,313	\$ (1,226,940)		

	2018 Actual	2019 Budget	2019 Projected YE	2020 Budget	% of 2019 Budget	Comments
LOAN PROCEEDS						
CWCB Loan	1,385,215	1,020,000	500,000	640,000	62.7%	Matches the expenses for the final components of the WISE project.
CWRPDA Loan	567,230	4,100,000	3,838,000	-	0.0%	CWRPDA Loan is closed out by End of Year 2019
Total loan proceeds	\$ 1,952,445	\$ 5,120,000	\$ 4,338,000	\$ 640,000	12.5%	
PROJECTS FUNDED BY LOANS						
Pump Station #1	36,100	250,000	55,000	-	0.0%	Project Complete
Zone A Pipeline	1,939	180,000	113,000	-	0.0%	Project Complete
WISE	1,286,173	1,020,000	500,000	640,000	62.7%	\$60k for DIA Connection \$570k for Binney Connection; \$10k for Meridian Title Clean up (per Aug19 version of SMWA Budget)
Gate Valve Replacements		670,000	670,000	-	0.0%	Project Complete
Pipeline Replacements	195,966	3,000,000	3,000,000	-	0.0%	Project Complete
Total projects	\$ 1,520,178	\$ 5,120,000	\$ 4,338,000	\$ 640,000	12.5%	
Offsetting Developer Contributions						
Developer contributions (water)	736,211	2,250,000	2,000,000	1,100,000	48.9%	Includes Timbers F31, 30B and Pinery Village (Commercial at N Pinery Parkway)
Developer contributions (sewer)	630,173	1,850,000	1,520,000	1,350,000	73.0%	Includes Canyons South Flow Measuring Device and pipeline, Timbers F31, 30B and Pinery Village (Commercial at N Pinery Parkway)
Total developer contributions	\$ 1,366,384	\$ 4,100,000	\$ 3,520,000	\$ 2,450,000	59.8%	
Developer Improvements						
Contributed Developer Improvements	1,576,996	4,100,000	3,520,000	2,450,000	59.8%	
Total developer improvements	\$ 1,576,996	\$ 4,100,000	\$ 3,520,000	\$ 2,450,000	59.8%	

TOTAL REVENUE	\$ 12,078,243	\$ 11,009,743	\$ 15,268,243	\$ 12,282,810
TOTAL EXPENSES	\$ 8,185,935	\$ 10,933,651	\$ 10,056,930	\$ 13,509,750
	\$ 3,892,308	\$ 76,092	\$ 5,211,313	\$ (1,226,940)
TOTAL REVENUE + Loan Proceeds	\$ 14,030,688	\$ 20,229,743	\$ 23,126,243	\$ 15,372,810
TOTAL EXPENSES + Loan funded projects and offsetting items	\$ 9,706,113	\$ 20,153,651	\$ 17,914,930	\$ 16,599,750
	\$ 4,324,575	\$ 76,092	\$ 5,211,313	\$ (1,226,940)