

	2017 Actual	2018 Budget	2019 Budget	% of 2018 Budget	Comments
OPERATING REVENUE					
WATER OPERATING REVENUE					
Water sales	4,096,965	3,744,000	3,860,000	103%	Average of 2015-2018; no increase to water rates and fees
Water supply project fee	696,744	690,000	700,000	101%	\$12.50 fee remains unchanged, marginal tap growth in 2018
Irrigation and hydrant fees	844,004	620,000	700,000	113%	Average of 2015-2018
Ground water protection fees	24,834	26,500	25,000	94%	Average of 2015-2018
Ready to serve fees	28,814	30,000	40,000	133%	Over 300 lots in Stone Creek will be assessed the RTS fee.
Cherry Creek Project Water Authority	56,769	26,000	50,000	192%	More of Rich K. time to managing the Walker Reservoir Project.
Other	99,959	40,000	60,000	150%	Changed to be more consistent with recent years
Total water operating income	\$ 5,848,089	\$ 5,176,500	\$ 5,435,000	105.0%	
SEWER OPERATING REVENUE					
Sewer user charges	2,362,852	2,350,000	2,350,000	100%	Marginal tap growth in 2017, no increase in 2018 WW rates
Ready to Serve Fees	24,115	25,000	25,000	100%	Staight line projection of current YTD.
Canyons South	122,418	122,000	153,770	126%	Calculated based on the Canyons Service Agreement 3rd Amendment (461 unused taps)
Total sewer operating income	\$ 2,509,385	\$ 2,497,000	\$ 2,528,770	101.3%	
NONOPERATING REVENUE					
Net investment income	63,638	20,000	100,000	500%	Already at \$142,000 for the year 2018.
Late charges	58,994	45,000	50,000	111%	Average of 2015-2018
Other income	4,147	40,000	30,000	75%	Average of 2014-2016 Actual
Proceeds from sale of assets	18,500	15,000	15,000	100%	Constant - Will adjust with future YTD data
Total non operating income	145,279	120,000	195,000	162.5%	
TAP FEE REVENUE					
Tap fees - water	1,150,740	2,107,539	2,164,113	102.7%	Based on 2017 Rates & Fees Update growth projections - 63 taps; \$34,151 W (an extra \$200 for BEACON program) & \$7,220 WW; \$217K for CMD wholesale treatment payment
Tap fees - sewer	260,110	442,890	671,860	151.7%	
Tap Surcharge Water	18,399	15,000	15,000	100.0%	Hold Constant
Total Tap Fees	\$ 1,429,249	\$ 2,565,429	\$ 2,850,973	111.1%	
TOTAL REVENUE	\$ 9,932,002	\$ 10,358,929	\$ 11,009,743	106.3%	

	2017 Actual	2018 Budget	2019 Budget	% of 2018 Budget	Comments
OPERATING EXPENSES					
WATER OPERATING EXPENSES					
Vehicle expense/maintenance	28,628	35,000	35,000	100%	Hold constant
Laboratory testing and chemicals	124,924	185,000	195,000	105%	Staff has been notified of an 7% increase in chemical costs from both source suppliers. Also assume an increase in overall gallons pumped in 2019 than in 2018
Legal	37,409	30,000	30,000	100%	Hold constant
Outside services	55,380	75,000	60,000	80%	Includes Water Rights Administration; Consultant assistance with water modeling and permitting requirements and reporting
Repairs, maintenance and supplies	251,475	262,000	265,000	101%	Maintenance of distribution system coupled with maint. of 25 Wells, 8 P.S.s, LAS facilities, 15 Res, fences, gates, vaults, etc...
Salaries and related costs	657,368	725,400	747,200	103%	Assume 3% average increase for existing staff
Payroll taxes	49,077	54,405	56,040	103%	7.5% of salaries
Employee benefits	185,131	236,000	248,000	105%	5.5% increase on medical, no increase for vision or dental or life; staff contribution increases to 10%
Small tools and safety items	10,891	8,500	8,500	100%	Constant
Utilities	583,278	790,000	650,000	82%	Reduced to align with average of Actual 2014-2017 and 2018 Budget
Conservation	5,000	35,000	66,000	189%	Water Ambassador program through SMWSA; Water Budget info letters and pilot; Participation in HydroMax Satalitte Imagery Leak Detection Program
CCPWA Water Lease	7,936	20,000	-	0%	Pinery will not be billed for water lease until Mahoney well costs are reimbursed
CCPWA Operations	20,489	20,500	37,000	180%	Based on the 10/17/18 version of the CCPWA Budget
SMWSA and SPWRAP Dues	24,859	27,000	25,000	93%	SMWSA dues of \$19k and \$5k for SPWRAP; based on Oct18 version of SMWSA Budget
South Metro WISE Authority Operations	172,801	175,000	101,000	58%	Per 9/26/18 version of SMWA Budget (\$33k for Subscription Ops and \$68k for Infra.Ops)
WISE Water	-	392,000	456,000	116%	Includes SMWA rate of \$5.56/kgal, \$0.31/kgal Aurora Wheeling, and PWSD wheeling rate of \$0.91/kgal for 86.5 AF for half of 2018-2019; and 121 AF for half of 2019-2020 water year:
Total water operating expenses	\$ 2,214,718	\$ 3,070,805	\$ 2,979,740	97.0%	
SEWER OPERATING EXPENSES					
Vehicle expense/maintenance	5,959	12,000	12,000	100.0%	Hold Constant
Cherry Creek Basin fees	17,570	16,000	16,000	100.0%	Consistant but will increase as flows increase.
Laboratory testing and chemicals	86,597	85,000	85,000	100.0%	Consistant with previous years chemicals will increase as flows increase
Outside services	5,583	10,000	10,000	100.0%	Constant
Repairs, maintenance and supplies	166,068	180,000	180,000	100.0%	Consistant with previous years, with aging facilities it will likley increase over time.
Salaries and related costs	327,837	395,800	467,600	118.1%	Assume 3% average increase for existing staff; addition of 1 ww operator
Payroll taxes	24,965	29,685	35,070	118.1%	7.5% of salaries
Employee benefits	97,694	138,150	165,000	119.4%	5.5% increase on medical, no increase for vision or dental or life;includes 1 new ww operator
Solids Removal	68,906	84,500	70,000	82.8%	Consistent with previous years
Small tools and Equipment	9,076	5,000	5,000	100.0%	Consistent with previous years
Utilities	187,142	209,500	210,000	100.2%	Consistant with previous years
Total sewer operating expenses	\$ 997,740	\$ 1,165,635	\$ 1,255,670	107.7%	

	2017 Actual	2018 Budget	2019 Budget	% of 2018 Budget	Comments
NONOPERATING EXPENSES					
Accounting and audit	91,005	95,000	95,000	100.0%	Includes \$10K for Independent Auditor; \$80K for CLA; Assume no Single Audit
Admin vehicle	-	1,500	1,500	100.0%	Constant - Will adjust with future YTD data
Data processing	33,039	25,000	29,000	116.0%	Consistant with IT Business Case - decreased contract with Optimum
Directors' fees	6,900	6,000	6,000	100.0%	Hold constant
Dues and seminars	19,538	30,000	30,000	100.0%	constant
Paying agent fees	1,500	1,500	1,500	100.0%	Constant - Will adjust with future YTD data
Insurance	113,658	115,000	120,000	104.3%	Assume moderate increase; will know more in fall
Legal	121,283	120,000	120,000	100.0%	Constant - Will adjust with future YTD data
Miscellaneous	8,921	7,500	9,000	120.0%	Adjusted to match average actual expenses
Office expense	17,901	20,000	20,000	100.0%	Constant - Will adjust with future YTD data
Outside services	69,591	45,000	45,000	100.0%	constant
Repairs and maintenance - office	8,056	20,000	20,000	100.0%	Constant - Will adjust with future YTD data
Salaries and related costs	283,594	329,600	360,000	109.2%	Assume 3% average increase for existing staff (Based off of projected year end); Senior staff retirement and overlap of new hire for 4-6 months.
Payroll taxes	21,871	24,720	27,000	109.2%	7.5% of salaries
Employee benefits	87,714	97,850	123,000	125.7%	5.5% increase on medical, no increase for vision or dental or life; Payout of vacation/personal time to retiring staff
Utility billing system	14,452	10,000	10,000	100.0%	Subscription and training opportunities
Safety and training	28,864	24,000	28,000	116.7%	Plan to reach safe days milestones
Security services	18,114	20,000	20,000	100.0%	Constant
Customer communications	54,629	52,000	50,000	96.2%	Constant
Telephone and utilities	25,481	25,000	25,000	100.0%	Constant
Total nonoperating expenses	\$ 1,026,111	\$ 1,069,670	\$ 1,140,000	106.6%	

DEBT SERVICE					
2015 CWRPDA Loan - principal	620,456	620,491	628,519	101.3%	Per 2016-2017 Audit page 43
2014 CWCB Loan - principal	39,950	41,148	42,383	103.0%	Per 2016-2017 Audit page 42
2010 Revenue Note - principal	440,174	457,734	475,993	104.0%	Per 2016-2017 Audit page 42
2005 CWRPDA loan - principal	230,000	240,000	245,000	102.1%	Per 2016-2017 Audit page 41
2002 CWRPDA loan - principal	350,000	350,000	365,000	104.3%	Per 2016-2017 Audit page 41
2015 CWRPDA Loan - interest	217,436	213,419	211,144	98.9%	Per 2016-2017 Audit page 43
2014 CWCB Loan - interest	98,664	106,864	136,762	128.0%	Revised per CLA Nov18
2010 Revenue Note - interest	312,027	294,410	277,656	94.3%	Per 2016-2017 Audit page 42
2005 CWRPDA loan - interest	76,692	70,228	66,198	94.3%	Per 2016-2017 Audit page 41
2002 CWRPDA loan - interest	84,369	81,947	75,437	92.1%	Per 2016-2017 Audit page 41
Total debt service	\$ 2,469,768	\$ 2,476,241	\$ 2,524,092	101.9%	

	2017 Actual	2018 Budget	2019 Budget	% of 2018 Budget	Comments
CAPITAL OUTLAY					
Cost recovery payments	117,104	120,000	120,000	100.0%	Hold Constant
Water repair & replacement					
Well Rehabilitation & Inspection		300,000	300,000	100.0%	Clean Well 7; Clean Well 9; Redrill Well 6; Clean/Lower, Replace Pump DH Pipe Well A1; Video/Inspect Well P
Air Vac Valve Upgrades	14,440	15,000	10,000	66.7%	Consistent with Asset Management Implementation Plan Business case
System Valves Upgrades	91,257	40,000	40,000	100.0%	Consistent with Asset Management Implementation Plan Business case
Meter Pit Upgrades	30,675	30,000	30,000	100.0%	Consistent with Asset Management Implementation Plan Business case
Curb Stop Replacement	41,819	40,000	40,000	100.0%	Consistent with Asset Management Implementation Plan Business case
Fire Hydrant Replacement	24,782	25,000	20,000	80.0%	Consistent with Asset Management Implementation Plan Business case
SCADA	37,435	28,000	50,000	178.6%	Consistent with Asset Management Implementation Plan Business case
Electric System Upgrades - P.S. 6	9,974	10,000	10,000	100.0%	Electrical upgrades at Pump Station #6
Leak Detection - HydroMax			65,000		\$35k for two passes of the Satellite and investigation of the possible leaks by HydroMax; \$35k to fix leaks
Potable Pipeline Replacement Project			375,000		Placeholder until negotiations are complete on the final bid price in the case that there aren't enough CWRPDA funds.
Well N Drain Line			40,000		Tie drain lines into the sanitary sewer.
Reservoir Repairs (5, 9A, 9B, 7, 4)			25,000		Repair of Reservoir 5 curtains, Res 9, 8, 7 and 4c hatches - Bates Engineering
Power Receptacle at Pump Station 6	-	30,000	30,000	100.0%	Installation of an manual transfer switch (MTS) at P.S. 6.
Total Water Repair & Replacement	\$ 284,359	\$ 518,000	\$ 1,035,000	199.8%	
Water new capital					
Walker Reservoir					Depending on what the CCPWA Board decides, this may or may not be accounted for on the Districts ledger. The plan is to use proceeds from the Vessel property sale to invest in the design and construction of Pinery's portion of the Walker Reservoir. This is currently a placeholder.
Shallow Well 8			500,000		Redrill and pipeline for shallow well in original augmentation plan
Stone Creek Ranch Shallow Wells		500,000	-	0.0%	Project funds reallocated to more beneficial projects (Shallow Well 8)
CCPWA	20,489	120,500	122,000	101.2%	Based on 10/17/18 version of the CCPWA Budget + \$20k for Mahoney Well Upgrades
Water Meters	16,244	20,000	20,000	100.0%	Varies with development pace
Permitting for ASR	-	300,000		0.0%	Project delayed indefinitely due to water chemistry concerns with ASR
Pump Station 4 - Mid Booster			50,000		Due to development in the Timbers, a bigger booster pump is needed
Timbers Zone D Pipeline			300,000		1500 lf 8" PVC pipe
Well A-16	480,677	-			Project complete
Total Water New Capital	\$ 517,410	\$ 940,500	\$ 992,000	105.5%	
Wastewater repair & replacement					
Collection System Point Repairs and Lining	48,556	130,000	130,000	100.0%	This includes, CIP lining, inspections of collections and manholes and any point repairs as needed.
SCADA	14,472	65,000	15,000	23.1%	Consistent with previous years and support for current equipment
Misc WWTP Repairs	84,802	250,000	150,000	60.0%	Hardware/Software for Water General upgrade (10k) Recycle Pump Rebuild (30k) Iconics upgrade (20k) Asphalt repairs
Total Wastewater Projects	\$ 147,830	\$ 445,000	\$ 295,000	66.3%	

General and Administrative					
GIS program	18,166	20,500	40,000	195.1%	Addition of facilities from new Timbers filings, Stone Creek Ranch, Zone A Pipeline, Chapman Pump Station, Well H
Vehicles	98,388	75,000	105,000	140.0%	Chemical truck, electrician truck, SCADA IT
Furniture and office equipment	-	10,000	10,000	100.0%	Hold Constant
Cyber Security Upgrade			20,000		For recommended upgrades recommended in cyber security study completed in 2018
Build out Basement office			50,000		Needed room for additional staff hired in 2017 and 2018, server room
Expand Office Parking lot					Project removed due to higher priority projects.
Capital Salaries/taxes/benefits	268,945	365,650	380,000	103.9%	Combined salaries and benefits. 3% increase, 5.5% increase in medical premiums, employee contribution increases to 10%
Computer/Networking/Hardware	12,938	50,000	35,000	70.0%	Reduced due to less infrastructure expenditures
Total G & A	\$ 398,437	\$ 521,150	\$ 640,000	122.8%	
Total Capital Outlay	\$ 1,465,140	\$ 2,544,650	\$ 3,082,000	121.1%	
TOTAL EXPENSES	\$ 8,173,477	\$ 10,327,001	\$ 10,981,502	106.3%	
OVER/UNDER	\$ 1,758,525	\$ 31,928	\$ 28,241		

	Total YTD	2018 Budget	2019 Budget	% of 2018 Budget	Comments
LOAN PROCEEDS					
CWCB Loan	1,389,125	1,370,000	1,020,000	74.5%	Matches the expenditures of the WISE project
CWRPDA Loan	5,998,396	2,500,000	4,100,000	164.0%	Matches the expenditures of the PS #1, Zone A Pipeline and Valve and Pipeline Replacement projects
Total loan proceeds	\$ 7,387,521	\$ 3,870,000	\$ 5,120,000	132.3%	
PROJECTS FUNDED BY LOANS					
Pump Station #1	2,054,320	-	250,000		Estimated \$100k reimbursement to Stone Creek for fiber installation and remainder of Chapman PS fiber installation that was delayed due to easement acquisition
Zone A Pipeline	556,039	-	180,000		Reimbursement to Stone Creek Ranch for oversizing section of Zone A Pipeline in Interlocken Rd
WISE	3,680,404	1,370,000	1,020,000	74.5%	Includes \$75K, DIA Fee; \$700k for Binney Connection; \$30K for Meridian Title Clean up - Per 9/26/18 Version of SMWA Budget; \$215k for WISE local connection
Gate Valve Replacements	-	500,000	670,000	134.0%	Project to commence fall 2018, majority to be completed in 2019, when bids are received, may need to allocate additional funding for fall / winter 2019 / 2020. Total project funds have not increased, just the timing of the payments shifts to allow more payments in 2019 rather than in 2018.
Pipeline Replacements	-	2,000,000	3,000,000	150.0%	
Total projects	\$ 6,290,763	\$ 3,870,000	\$ 5,120,000	132.3%	
Offsetting Developer Contributions					
Developer contributions (water)	1,045,949	1,694,800	2,250,000	132.8%	Timbers Filings and Stone Creek Ranch Infrastructure
Developer contributions (sewer)	-	2,250,000	1,850,000	82.2%	Timbers Filings and Stone Creek Ranch Infrastructure
Total developer contributions	\$ 1,045,949	\$ 3,944,800	\$ 4,100,000	103.9%	
Developer Improvements					
Contributed Developer Improvements	1,045,949	3,944,800	4,100,000	103.9%	
Total developer improvements	\$ 1,045,949	\$ 3,944,800	\$ 4,100,000	103.9%	

TOTAL REVENUE	\$ 9,932,002	\$ 10,358,929	\$ 11,009,743	106.3%
TOTAL EXPENSES	\$ 8,173,477	\$ 10,327,001	\$ 10,981,502	106.3%
	\$ 1,758,525	\$ 31,928	\$ 28,241	
TOTAL REVENUE + Loan Proceeds	\$ 18,365,472	\$ 18,173,729	\$ 20,229,743	
TOTAL EXPENSES + Loan funded projects and offsetting items	\$ 15,510,189	\$ 18,141,801	\$ 20,201,502	
	\$ 2,855,283	\$ 31,928	\$ 28,241	