

# FY 2020

Metropolitan Water District of Salt Lake & Sandy



## **Executive Summary**

## ***Metropolitan Water District of Salt Lake & Sandy***

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April 3, 2019—This is an executive summary of the budget information for the Metropolitan Water District of Salt Lake & Sandy (the “District”) for Fiscal Year (FY) 2020.

The proposed budget includes total budgeted revenue of \$46.1 million. Water sales to the member cities will continue to be charged at a fixed rate (\$/month). An adjustment to the fixed rate charge is proposed based on member city water deliveries from 1996 to present. The proposed allocation adjustment for Salt Lake City is from 73% to 72%. The proposed allocation adjustment for Sandy City is from 27% to 28%. The net effect of these adjustments is a 2% decrease to Salt Lake City’s monthly water rate and a 3% increase to Sandy City’s monthly water rate. A 3% increase for non-member city water rates is proposed. Future water rate increases are anticipated to be 3% annually through FY 2024 (5-year look ahead). Projected rate increases are consistent with previous forecasts. The budget maintains current tax revenues (no proposed increases to the certified tax rate).

Total budgeted expenditures are \$46.1 million. This reflects a reduction of \$310,100 in non-capacity capital expenditures and an increase of \$405,148 in capital expenditures for the Jordan Aqueduct System.

The proposed Operations and Maintenance (O&M) budget totals \$15.8 million (excluding interest, depreciation, and amortization). This represents a 5.8% increase in expenses due to increased chemical costs, Central Utah Project (CUP) O&M assessments, and employee costs, including the addition of two FTEs for succession planning and staffing needs. Costs related to CUP O&M are forecasted to continue to increase significantly over the next several years based on decisions of Central Utah Water Conservancy District.

The costs related to the Provo River Water Users Association (PRWUA) are uniquely shown and are separated from O&M and capital. The budget amount related to the PRWUA is \$3.3 million. The current estimated annual allotment for the Provo River Project water supply is 100%.

The total proposed FY 2020 capital budget is \$6.4 million, and the total debt service budget is \$16.8 million. An increase to the reserves of \$3.8 million is projected to meet contractual and policy reserve requirements, including future capital project needs such as replacement of the Deer Creek Dam intake structure and related guard gates, and the Salt Lake Aqueduct. A portion of the 2012A bonds were refunded during FY 2019, resulting in a net present value savings of \$2.3 million and an average annual cash flow savings of \$168,000. No new debt service activity is anticipated during FY 2020; additional refunding opportunities may be explored.

The District’s operation plan anticipates utilization of Point of the Mountain Water Treatment Plant during summer months. As previously noted, the number of personnel positions is proposed to be increased by two, for a total of 69 positions. A 4.0% COLA/merit-based salary increase is proposed. The benefits plan includes District employees continuing to pay for 5% of the health insurance premium.

Michael J. DeVries, General Manager/Budget Officer

**Metropolitan Water District of Salt Lake & Sandy**  
**Fiscal Year 2020**  
**Budget Summary**

	Actual			Budget 2019	Proposed 2020
	2016	2017	2018		
<b>Sources of Funds</b>					
Water Sales					
Member Cities	17,613,138	20,259,556	21,272,534	21,910,710	21,762,030
Others	748,096	1,049,095	811,557	764,814	830,147
Total Water Sales	18,361,234	21,308,651	22,084,091	22,675,524	22,592,177
Property Taxes	10,591,281	10,736,053	10,807,069	10,671,073	10,496,715
Assessments	12,246,768	12,248,671	12,249,306	12,249,686	12,252,013
Miscellaneous					
Interest	346,536	439,376	587,712	358,382	614,160
Other	169,885	1,092,485	200,432	101,044	95,904
Total Miscellaneous	516,421	1,531,861	788,144	459,426	710,064
Bond Proceeds	-	120,000	-	-	-
<b>Total Sources of Funds</b>	41,715,704	45,945,236	45,928,610	46,055,709	46,050,969
<b>Uses of Funds</b>					
Operations and Maintenance (includes O&M to other agencies; excludes depreciation/amortization)	13,209,357	12,797,418	12,584,341	14,941,590	15,811,398
Capital Projects					
Non-Capacity Improvement Projects	4,924,416	7,003,259	2,739,975	2,277,300	1,967,200
Jordan Aqueduct System & 150th South Pipeline	1,505,469	3,336,572	1,323,641	1,087,259	1,492,407
Central Utah Project (CUP) Capital	2,971,200	2,971,200	2,971,200	2,971,200	2,971,200
Total Capital Projects (includes capital to other agencies)	9,401,085	13,311,031	7,034,816	6,335,759	6,430,807
Provo River Water Users Association	3,259,161	3,259,963	3,874,247	3,611,323	3,284,835
Debt Service					
Principal	6,410,000	6,855,000	7,110,000	7,675,000	8,330,000
Interest	10,302,901	8,704,152	8,736,188	8,918,091	8,435,345
Total Debt Service	16,712,901	15,559,152	15,846,188	16,593,091	16,765,345
Net Funds To/(From) Reserves	(866,800)	1,017,672	6,589,018	4,573,946	3,758,584
<b>Total Uses of Funds</b>	41,715,704	45,945,236	45,928,610	46,055,709	46,050,969

## Budget

## Metropolitan Water District of Salt Lake &amp; Sandy

Fiscal Year 2020

## TOTAL DISTRICT OPERATIONS AND MAINTENANCE EXPENDITURES

Last update:

04/03/19

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 12/31/2018	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	3,970,817	4,026,236	4,047,413	4,014,822	4,382,523	2,382,833	54.37%	48.22%	4,235,515	(147,008)	4,683,197	6.86%
5120	Overtime Premium	97,235	97,628	92,369	95,744	98,704	57,669	58.43%	49.13%	99,364	660	99,016	0.32%
5130	Vacation	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5131	Sick Leave	38,666	(59,762)	21,424	109	-	-	N/A	0.00%	-	-	-	N/A
5170	On Call Pay	16,470	16,425	16,425	16,440	16,425	9,135	55.62%	48.54%	16,331	(94)	16,425	0.00%
5190	Other	500	200	614	438	2,500	3,129	125.17%	30.44%	3,129	629	2,500	0.00%
5210	Payroll Taxes	317,594	317,070	317,924	317,529	343,822	185,582	53.98%	48.53%	333,498	(10,324)	365,810	6.40%
	<b>Salaries and Wages</b>	<b>4,442,302</b>	<b>4,397,797</b>	<b>4,496,169</b>	<b>4,445,422</b>	<b>4,843,974</b>	<b>2,638,348</b>	<b>54.47%</b>		<b>4,687,837</b>	<b>(156,137)</b>	<b>5,166,948</b>	<b>6.67%</b>
5310	Retirement Plan	868,035	849,463	854,232	857,243	924,940	525,352	56.80%	50.80%	902,490	(22,450)	983,131	6.29%
5320	Medical Insurance Premiums	1,055,373	1,123,158	1,210,186	1,129,572	1,344,038	763,254	56.79%	46.96%	1,325,483	(18,555)	1,431,748	6.53%
5330	Tuition Aid Program	21,050	29,422	28,789	26,420	38,400	14,579	37.97%	33.09%	25,000	(13,400)	31,500	-17.97%
5350	Insurance Premiums	35,472	34,698	36,464	35,545	38,753	21,812	56.29%	50.18%	38,120	(633)	41,079	6.00%
	<b>Employee Benefits</b>	<b>1,979,930</b>	<b>2,036,741</b>	<b>2,129,671</b>	<b>2,048,780</b>	<b>2,346,131</b>	<b>1,324,997</b>	<b>56.48%</b>		<b>2,291,093</b>	<b>(55,038)</b>	<b>2,487,458</b>	<b>6.02%</b>
5340	Meetings & Seminars	25,259	18,838	38,514	27,537	40,652	18,626	45.82%	42.09%	42,719	2,067	40,912	0.64%
	<b>Employee Training</b>	<b>25,259</b>	<b>18,838</b>	<b>38,514</b>	<b>27,537</b>	<b>40,652</b>	<b>18,626</b>	<b>45.82%</b>		<b>42,719</b>	<b>2,067</b>	<b>40,912</b>	<b>0.64%</b>
5410	Business Travel	37,171	48,170	43,307	42,883	58,900	20,052	34.04%	58.33%	53,026	(5,874)	54,550	-7.39%
5430	Vehicle O & M	61,500	51,041	47,955	53,499	45,834	33,381	72.83%	55.73%	50,258	4,424	48,192	5.14%
	<b>Transportation</b>	<b>98,671</b>	<b>99,211</b>	<b>91,262</b>	<b>96,382</b>	<b>104,734</b>	<b>53,433</b>	<b>51.02%</b>		<b>103,284</b>	<b>(1,450)</b>	<b>102,742</b>	<b>-1.90%</b>
5510	Legal	248,557	206,990	213,046	222,865	300,000	106,294	35.43%	36.78%	290,764	(9,236)	300,000	0.00%
5520	Accounting	26,851	31,334	33,847	30,677	33,500	30,070	89.76%	80.92%	34,666	1,166	36,000	7.46%
5530	Contract Services	1,714,051	1,377,779	1,305,699	1,465,843	1,662,271	807,564	48.58%	62.06%	1,549,886	(112,385)	1,718,709	3.40%
5540	Other	24,403	67,011	26,659	39,358	31,680	9,877	31.18%	21.64%	30,269	(1,411)	32,300	1.96%
	<b>Professional Services</b>	<b>2,013,862</b>	<b>1,683,114</b>	<b>1,579,251</b>	<b>1,758,743</b>	<b>2,027,451</b>	<b>953,805</b>	<b>47.04%</b>		<b>1,905,585</b>	<b>(121,866)</b>	<b>2,087,009</b>	<b>2.94%</b>
5610	Telephone	22,656	21,387	23,233	22,425	25,988	14,276	54.93%	51.11%	25,503	(485)	26,468	1.85%
5620	Electricity	948,202	1,179,358	778,891	968,817	1,564,460	611,098	39.06%	55.30%	1,207,940	(356,520)	1,443,920	-7.70%
5630	Natural Gas	249,130	311,248	212,557	257,645	212,700	115,292	54.20%	29.45%	231,830	(19,130)	239,340	12.52%
5640	Radio Communications	7,810	8,985	10,503	9,099	11,400	3,533	30.99%	41.18%	9,600	(1,800)	11,400	0.00%
5650	Water	27,278	19,165	23,138	23,194	27,336	16,224	59.35%	57.05%	26,328	(1,008)	27,960	2.28%
	<b>Utilities</b>	<b>1,255,076</b>	<b>1,540,143</b>	<b>1,048,322</b>	<b>1,281,180</b>	<b>1,841,884</b>	<b>760,423</b>	<b>41.29%</b>		<b>1,501,201</b>	<b>(340,683)</b>	<b>1,749,088</b>	<b>-5.04%</b>
5710	Buildings & Grounds	144,078	71,153	54,661	89,964	96,020	24,141	25.14%	72.09%	50,307	(45,713)	35,020	-63.53%
5720	Machinery & Equipment	217,064	223,836	253,865	231,588	238,516	86,791	36.39%	45.74%	245,031	6,515	256,962	7.73%
	<b>Repairs and Maintenance</b>	<b>361,142</b>	<b>294,989</b>	<b>308,526</b>	<b>321,552</b>	<b>334,536</b>	<b>110,932</b>	<b>33.16%</b>		<b>295,338</b>	<b>(39,198)</b>	<b>291,982</b>	<b>-12.72%</b>
5810	General Supplies	22,251	18,763	21,673	20,896	23,673	14,348	60.61%	50.08%	24,259	586	28,960	22.33%
5820	Office Supplies	7,858	9,392	5,745	7,665	7,800	3,470	44.49%	42.36%	7,398	(402)	7,800	0.00%
5830	Materials	197,794	176,269	160,870	178,311	196,482	87,151	44.36%	41.27%	186,413	(10,069)	195,946	-0.27%
5840	Chemicals	1,261,713	1,170,347	1,223,290	1,218,450	1,413,101	1,039,151	73.54%	62.15%	1,588,783	175,682	1,651,563	16.88%
5850	Computer & Instr. Supplies	97,894	115,989	117,475	110,453	104,784	46,988	44.84%	62.84%	110,453	5,669	105,830	1.00%
	<b>Chemicals and Supplies</b>	<b>1,587,510</b>	<b>1,490,760</b>	<b>1,529,053</b>	<b>1,535,775</b>	<b>1,745,840</b>	<b>1,191,108</b>	<b>68.23%</b>		<b>1,917,306</b>	<b>171,466</b>	<b>1,990,099</b>	<b>13.99%</b>
5901	General Insurance	499,389	513,116	510,938	507,814	521,076	308,206	59.15%	50.58%	522,003	927	552,342	6.00%
5902	Administrative Fees	461,639	340,059	464,827	422,175	701,916	14,883	2.12%	7.66%	701,916	-	898,882	28.06%
5903	Water Stock Assessment	594	3,002	685	1,427	21,300	95	0.45%	2.98%	20,524	(776)	21,307	0.03%
5904	Rent Exp.	12,066	4,451	2,107	6,208	13,550	12,530	92.47%	61.20%	17,466	3,916	22,250	64.21%
5905	Miscellaneous	72,652	69,861	74,465	72,326	69,152	33,108	47.88%	54.95%	66,564	(2,588)	71,800	3.83%
5906	Postage & Freight Exp.	3,077	3,236	3,354	3,222	3,500	1,400	40.00%	45.97%	3,484	(16)	4,000	14.29%
5907	Contributions & Events	317,281	224,158	227,848	256,429	235,000	83,453	35.51%	30.54%	206,480	(28,520)	235,400	0.17%
5909	Depreciation Exp.	10,751,104	10,686,522	10,831,933	10,756,520	10,635,000	6,147,639	57.81%	50.13%	10,553,720	(81,280)	10,490,000	-1.36%
5910	Interest Exp.	10,302,901	8,704,152	8,736,188	9,247,747	8,918,091	5,195,975	58.26%	53.54%	8,365,905	(552,186)	8,435,345	-5.41%
5911	Laundry	10,501	13,016	8,932	10,816	13,620	12,292	90.25%	37.13%	12,579	(1,041)	14,795	8.63%
5913	Safety	30,426	28,539	35,277	31,414	41,458	12,619	30.44%	38.70%	34,862	(6,596)	36,150	-12.80%
5914	Subscriptions & Publications	2,973	2,071	3,419	2,821	4,313	1,052	24.38%	60.28%	1,998	(2,315)	3,913	-9.27%
5915	Outside Printing	22	532	-	185	1,200	-	0.00%	3.99%	1,152	(48)	1,200	0.00%
5916	Dues & Memberships	34,985	33,784	31,721	33,497	30,303	30,007	99.02%	77.25%	37,495	7,192	34,806	14.86%
5917	Amortization Exp.	(379,790)	(271,413)	(276,999)	(309,401)	(276,999)	(161,582)	58.33%	52.43%	(276,999)	-	(294,790)	6.42%
	<b>Other Expenses</b>	<b>22,119,820</b>	<b>20,355,086</b>	<b>20,654,695</b>	<b>21,043,200</b>	<b>20,932,480</b>	<b>11,691,677</b>	<b>55.85%</b>		<b>20,269,149</b>	<b>(663,331)</b>	<b>20,527,400</b>	<b>-1.94%</b>
	<b>Total Expenses</b>	<b>33,883,572</b>	<b>31,916,679</b>	<b>31,875,463</b>	<b>32,558,572</b>	<b>34,217,682</b>	<b>18,743,349</b>	<b>54.78%</b>		<b>33,013,512</b>	<b>(1,204,170)</b>	<b>34,443,638</b>	<b>0.66%</b>
	Excluding personnel (P) costs	27,461,340	25,482,141	25,249,623	26,064,370	27,027,577						26,789,232	-0.88%
	Excluding interest (I) costs	23,580,671	23,212,527	23,139,275	23,310,825	25,299,591						26,008,293	2.80%
	Excluding depreciation (D) and amortization (A)	23,512,258	21,501,570	21,320,529	22,111,453	23,859,681						24,248,428	1.63%
	Excluding I, D, and A	13,209,357	12,797,418	12,584,341	12,863,706	14,941,590						15,813,083	5.83%

## Metropolitan Water District of Salt Lake &amp; Sandy

Fiscal Year 2020

## ADMINISTRATIVE (10)

Last Update:

04/03/19

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	337,244	347,894	390,208	358,449	594,843	291,650	49.03%	55.21%	558,080	(36,763)	587,907	-1.17%
5120	Overtime	10	545	229	261	-	-	N/A	60.42%	-	-	-	N/A
5210	Payroll Taxes	24,348	24,065	28,709	25,707	43,904	20,469	46.62%	54.56%	40,419	(3,485)	42,650	-2.86%
	<b>Salaries and Wages</b>	<b>361,602</b>	<b>372,504</b>	<b>419,146</b>	<b>384,417</b>	<b>638,747</b>	<b>312,119</b>	<b>48.86%</b>		<b>598,499</b>	<b>(40,248)</b>	<b>630,557</b>	<b>-1.28%</b>
5310	Retirement Plan	71,664	71,907	80,289	74,620	119,438	64,020	53.60%	57.67%	114,578	(4,860)	118,618	-0.69%
5320	Medical Insurance Premiums	73,705	73,115	82,665	76,495	142,740	70,236	49.21%	57.66%	130,672	(12,068)	143,842	0.77%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	2,233	2,049	3,338	2,540	4,781	2,774	58.03%	57.76%	4,856	75	4,888	2.24%
	<b>Employee Benefits</b>	<b>147,602</b>	<b>147,071</b>	<b>166,292</b>	<b>153,655</b>	<b>266,959</b>	<b>137,030</b>	<b>51.33%</b>		<b>250,106</b>	<b>(16,853)</b>	<b>267,348</b>	<b>0.15%</b>
5340	Meetings & Seminars	9,786	7,277	11,658	9,574	9,420	7,975	84.67%	59.05%	11,833	2,413	7,645	-18.84%
	<b>Employee Training</b>	<b>9,786</b>	<b>7,277</b>	<b>11,658</b>	<b>9,574</b>	<b>9,420</b>	<b>7,975</b>	<b>84.66%</b>		<b>11,833</b>	<b>2,413</b>	<b>7,645</b>	<b>-18.84%</b>
5410	Business Travel	17,752	29,312	17,247	21,437	28,900	12,073	41.77%	50.22%	26,459	(2,441)	26,850	-7.09%
5430	Vehicle O & M	466	195	431	364	209	235	112.24%	76.38%	284	75	406	94.26%
	<b>Transportation</b>	<b>18,218</b>	<b>29,507</b>	<b>17,678</b>	<b>21,801</b>	<b>29,109</b>	<b>12,308</b>	<b>42.28%</b>		<b>26,743</b>	<b>(2,366)</b>	<b>27,256</b>	<b>-6.37%</b>
5510	Legal	248,557	206,990	213,046	222,865	300,000	106,294	35.43%	38.51%	290,764	(9,236)	300,000	0.00%
5520	Accounting	26,851	31,334	33,847	30,677	33,500	30,070	89.76%	86.28%	34,666	1,166	36,000	7.46%
5530	Contract Services	516,910	142,289	131,996	263,732	143,781	73,559	51.16%	36.36%	165,061	21,280	148,403	3.21%
5540	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Professional Services</b>	<b>792,318</b>	<b>380,613</b>	<b>378,889</b>	<b>517,274</b>	<b>477,281</b>	<b>209,923</b>	<b>43.98%</b>		<b>490,491</b>	<b>13,210</b>	<b>484,403</b>	<b>1.49%</b>
5610	Telephone	1,380	1,380	1,355	1,372	1,860	1,295	69.62%	56.14%	2,220	360	2,340	25.81%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Utilities</b>	<b>1,380</b>	<b>1,380</b>	<b>1,355</b>	<b>1,372</b>	<b>1,860</b>	<b>1,295</b>	<b>69.62%</b>		<b>2,220</b>	<b>360</b>	<b>2,340</b>	<b>25.81%</b>
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	-	927	726	331	-	-	N/A	0.00%	-	-	-	N/A
	<b>Repairs and Maintenance</b>	<b>-</b>	<b>927</b>	<b>726</b>	<b>331</b>	<b>-</b>	<b>-</b>	<b>N/A</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>
5810	General Supplies	3,649	2,674	2,904	3,076	3,850	3,743	97.21%	67.62%	3,743	(108)	3,900	1.30%
5820	Office Supplies	7,758	9,348	5,745	7,617	7,800	3,470	44.49%	49.64%	7,398	(402)	7,800	0.00%
5830	Materials	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5840	Chemicals	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Chemicals and Supplies</b>	<b>11,407</b>	<b>12,022</b>	<b>8,649</b>	<b>10,693</b>	<b>11,650</b>	<b>7,213</b>	<b>61.91%</b>		<b>11,141</b>	<b>(510)</b>	<b>11,700</b>	<b>0.43%</b>
5901	General Insurance	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5902	Administrative Fees	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5904	Rent Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5905	Miscellaneous	20,675	20,781	23,400	21,619	19,552	6,068	31.04%	37.94%	18,202	(1,350)	22,200	13.54%
5906	Postage & Freight Exp.	2,682	2,807	3,354	2,947	2,500	1,400	56.00%	56.66%	2,484	(16)	3,000	20.00%
5907	Contributions and Events	19,923	120,372	85,213	75,169	135,000	79,143	58.62%	22.72%	135,000	-	135,400	0.30%
5909	Depreciation Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5910	Interest Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5911	Laundry	386	2,946	274	1,202	3,050	3,089	101.28%	79.81%	3,089	39	3,000	-1.64%
5913	Safety	-	8	100	36	-	-	N/A	0.00%	-	-	-	N/A
5914	Subscriptions & Publications	2,200	1,249	1,643	1,697	1,555	749	48.18%	67.99%	1,247	(308)	1,555	0.00%
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	3,121	3,274	1,856	2,751	1,633	1,220	74.71%	59.31%	1,884	251	1,903	16.53%
5917	Amortization Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Other Expenses</b>	<b>48,987</b>	<b>151,437</b>	<b>115,840</b>	<b>105,421</b>	<b>163,290</b>	<b>91,669</b>	<b>56.14%</b>		<b>161,906</b>	<b>(1,384)</b>	<b>167,058</b>	<b>2.31%</b>
	<b>Total Expenses</b>	<b>1,391,300</b>	<b>1,102,738</b>	<b>1,120,233</b>	<b>1,204,538</b>	<b>1,598,316</b>	<b>779,532</b>	<b>48.77%</b>		<b>1,552,939</b>	<b>(45,378)</b>	<b>1,598,307</b>	<b>0.00%</b>
					<b>Excluding personnel costs</b>	<b>692,610</b>						<b>700,402</b>	<b>1.13%</b>

<b>Fiscal Year 2020 General Expenditures Worksheet</b>							
<b>Cost Center Name: Administrative (10)</b>							
<b>Last Update:</b>							
<b>04/03/19</b>							
Account Number	Account Name	Description	Submitted by:	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (6 FTEs, 1 intern)		Pay Period	26	\$ 22,612	\$ 587,907
<b>5110 Total</b>							<b>\$ 587,907</b>
5210	Payroll Taxes	Employer Portion of Payroll Taxes		Pay Period	26	\$ 1,640	\$ 42,650
<b>5210 Total</b>							<b>\$ 42,650</b>
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match		Pay Period	26	\$ 4,562	\$ 118,618
<b>5310 Total</b>							<b>\$ 118,618</b>
5320	Medical Insurance Premiums	Insurance premiums (Dental, Medical, and H.S.A. Contribution)		Monthly	12	\$ 11,987	\$ 143,842
<b>5320 Total</b>							<b>\$ 143,842</b>
5350	Insurance Premiums	Health Savings Admin Fee	Annalee Munsey	Monthly	12	\$ 110	\$ 1,320
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Annalee Munsey	Monthly	12	\$ 297	\$ 3,568
<b>5350 Total</b>							<b>\$ 4,888</b>
5340	Meetings & Seminars	Administrative Training	Annalee Munsey	Each	8	\$ 200	\$ 1,600
5340	Meetings & Seminars	Meeting refreshments	Annalee Munsey	Each	12	\$ 60	\$ 720
5340	Meetings & Seminars	Healthy Utah refreshments	Annalee Munsey	Each	12	\$ 100	\$ 1,200
5340	Meetings & Seminars	Utah Water Users Association summit sponsorship & 4 registrations	Annalee Munsey	Each	1	\$ 650	\$ 650
5340	Meetings & Seminars	Utah Water Users Workshop sponsorship	Annalee Munsey	Each	1	\$ 375	\$ 375
5340	Meetings & Seminars	Business Meetings	Annalee Munsey	Each	1	\$ 2,200	\$ 2,200
5340	Meetings & Seminars	Supervisory Training	Annalee Munsey	Each	2	\$ 300	\$ 600
5340	Meetings & Seminars	Operator Certification renewals	Annalee Munsey	each	2	\$ 150	\$ 300
<b>5340 Total</b>							<b>\$ 7,645</b>
5410	Business Travel	AWWA Intermountain Section	Annalee Munsey	Each	3	\$ 1,500	\$ 4,500
5410	Business Travel	AWWA Annual Conference	Annalee Munsey	Each	2	\$ 3,000	\$ 6,000
5410	Business Travel	Utah Association of Special Districts	Annalee Munsey	Each	3	\$ 500	\$ 1,500
5410	Business Travel	National Water Resources Association (NWRA) Annual Conference	Annalee Munsey	Each	1	\$ 2,250	\$ 2,250
5410	Business Travel	NWRA Federal Water Issues Conference	Annalee Munsey	Each	0	\$ 3,000	\$ -
5410	Business Travel	Colorado River Water Users Association	Annalee Munsey	Each	3	\$ 1,200	\$ 3,600
5410	Business Travel	Water Quality Technology Conference	Annalee Munsey	Each	0	\$ 2,500	\$ -
5410	Business Travel	Utah Water Users Workshop	Annalee Munsey	Each	5	\$ 1,200	\$ 6,000
5410	Business Travel	Human Resource Conference	Annalee Munsey	Each	1	\$ 3,000	\$ 3,000
5410	Business Travel	GFOA Conference	Annalee Munsey	Each	1	\$ 2,000	\$ 2,000
<b>5410 Total</b>							<b>\$ 26,850</b>
5430	Vehicle O&M	Mileage reimbursement	Annalee Munsey	Miles	700	\$ 0.58	\$ 406
<b>5430 Total</b>							<b>\$ 406</b>
5510	Legal	General Counsel	Mike DeVries	Monthly	12	\$ 25,000	\$ 300,000
<b>5510 Total</b>							<b>\$ 300,000</b>
5520	Accounting	Annual audit-contract amount (Year 1 of 5)	Annalee Munsey	Lump sum	1	\$ 10,000	\$ 10,000
5520	Accounting	Payroll & timekeeping outsourcing	Annalee Munsey	Lump sum	1	\$ 12,000	\$ 12,000
5520	Accounting	Accountant consultation work (Year 5 of 5)	Annalee Munsey	Lump sum	1	\$ 14,000	\$ 14,000
<b>5520 Total</b>							<b>\$ 36,000</b>
5530	Contract Services	Motor Vehicle Record requests	Annalee Munsey	Each	65	\$ 17.50	\$ 1,138
5530	Contract Services	Drug Screening--random and pre-employment	Annalee Munsey	Each	12	\$ 46.50	\$ 558
5530	Contract Services	New Hire background checks	Annalee Munsey	Each	5	\$ 100.00	\$ 500
5530	Contract Services	Investment advisor fees	Mike DeVries	Monthly	12	\$ 1,875	\$ 22,500
5530	Contract Services	Bond post-issue compliance (continuing disclosure)	Mike DeVries	Annual	1	\$ 1,000	\$ 1,000
5530	Contract Services	2011A Bond trustee fee (ends May 2036)	Annalee Munsey	Each	1	\$ 5,000	\$ 5,000
5530	Contract Services	2012A Bond trustee fee (ends March 2037)	Annalee Munsey	Each	1	\$ 3,500	\$ 3,500
5530	Contract Services	2012B Bond trustee fee (ends April 2022)	Annalee Munsey	Each	1	\$ 2,000	\$ 2,000
5530	Contract Services	2015A Bond trustee fee (ends April 2034)	Annalee Munsey	Each	1	\$ 2,100	\$ 2,100
5530	Contract Services	2016A Bond trustee fee (ends May 2031)	Annalee Munsey	Each	1	\$ 3,000	\$ 3,000
5530	Contract Services	Arbitrage rebate analysis	Mike DeVries	Each	1	\$ 5,000	\$ 5,000
5530	Contract Services	Salt Lake County data recorder services	Annalee Munsey	Each	12	\$ 25	\$ 300
5530	Contract Services	Governmental relations/lobbying	Mike DeVries	Monthly	12	\$ 7,334	\$ 88,008
5530	Contract Services	Public relations/public involvement consulting services	Annalee Munsey	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	Financial consulting services (year 3 of 5)	Mike DeVries	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	Records management	Annalee Munsey	Lump sum	1	\$ 900	\$ 900
5530	Contract Services	Safety Data Sheets Online Service (year 3 of 3)	Annalee Munsey	Lump sum	1	\$ 2,899	\$ 2,899
<b>5530 Total</b>							<b>\$ 148,403</b>
5610	Telephone	Mobile phone allowances (4)	Mike DeVries	Monthly	12	\$ 195	\$ 2,340
<b>5610 Total</b>							<b>\$ 2,340</b>
5810	General Supplies	General Supplies	Mike DeVries	Lump sum	1	\$ 3,900	\$ 3,900
<b>5810 Total</b>							<b>\$ 3,900</b>
5820	Office Supplies	General Office Supplies	Mike DeVries	Monthly	12	\$ 650	\$ 7,800
<b>5820 Total</b>							<b>\$ 7,800</b>
5905	Miscellaneous	Service Awards	Annalee Munsey	Each	10	\$ 635	\$ 6,350
5905	Miscellaneous	Job Postings	Annalee Munsey	Each	5	\$ 250	\$ 1,250
5905	Miscellaneous	Wellness Program	Annalee Munsey	Employee	65	\$ 200	\$ 13,000
5905	Miscellaneous	Legal Notices	Mike DeVries	Each	2	\$ 800	\$ 1,600
<b>5905 Total</b>							<b>\$ 22,200</b>
5906	Postage & Freight Expense	Postage metering	Annalee Munsey	Lump sum	1	\$ 3,000	\$ 3,000
<b>5906 Total</b>							<b>\$ 3,000</b>
5907	Contribution & Events	Employee Summer Party	Mike DeVries	Lump sum	1	\$ 10,000	\$ 10,000
5907	Contribution & Events	Employee Winter Party	Mike DeVries	Lump sum	1	\$ 10,000	\$ 10,000
5907	Contribution & Events	Governor's Water Conservation Team	Mike DeVries	Lump sum	1	\$ 37,400	\$ 37,400
5907	Contribution & Events	Water Week Activities	Mike DeVries	Lump sum	1	\$ 3,000	\$ 3,000
5907	Contribution & Events	Water Audits	Mike DeVries	Lump sum	1	\$ 75,000	\$ 75,000
<b>5907 Total</b>							<b>\$ 135,400</b>
5911	Laundry	Miscellaneous Uniforms	Mike DeVries	Lump sum	1	\$ 3,000	\$ 3,000
<b>5911 Total</b>							<b>\$ 3,000</b>
5914	Subscriptions & Publications	Technet (Salary Review Service)	Annalee Munsey	Lump sum	1	\$ 350	\$ 350
5914	Subscriptions & Publications	Salary Surveys	Annalee Munsey	Each	3	\$ 285	\$ 855
5914	Subscriptions & Publications	Labor Law Posters	Annalee Munsey	Each	5	\$ 30	\$ 150
5914	Subscriptions & Publications	Books	Annalee Munsey	Each	4	\$ 50	\$ 200
<b>5914 Total</b>							<b>\$ 1,555</b>
5916	Dues & Membership	Human Resources Association (World at Work)	Annalee Munsey	Lump sum	1	\$ 265	\$ 265
5916	Dues & Membership	Employers Council	Annalee Munsey	Lump sum	1	\$ 1,060	\$ 1,060
5916	Dues & Membership	Society for Human Resource Management	Annalee Munsey	Lump sum	2	\$ 209	\$ 418
5916	Dues & Membership	Government Finance Officers Association	Mike DeVries	Lump sum	1	\$ 160	\$ 160
<b>5916 Total</b>							<b>\$ 1,903</b>

Metropolitan Water District of Salt Lake & Sandy  
Fiscal Year 2020  
GENERAL (20)  
Last Update:  
03/15/19

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5120	Overtime Premium	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5130	Vacation	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5131	Sick Leave	38,666	(59,762)	21,424	109	-	-	N/A	0.00%	-	-	-	N/A
5170	On Call Pay	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5190	Other	500	200	614	438	2,500	3,129	125.17%	46.73%	3,129	629	2,500	0.00%
5210	Payroll Taxes	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
<b>Salary and Wages</b>		<b>39,166</b>	<b>(59,562)</b>	<b>22,038</b>	<b>547</b>	<b>2,500</b>	<b>3,129</b>	<b>125.16%</b>		<b>3,129</b>	<b>629</b>	<b>2,500</b>	<b>0.00%</b>
5310	Retirement Plan	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5320	Medical Insurance Premiums	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5330	Tuition Aid Program	21,050	29,422	28,789	26,420	38,400	14,579	37.97%	61.35%	25,000	(13,400)	31,500	-17.97%
5350	Insurance Premiums	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
<b>Employee Benefits</b>		<b>21,050</b>	<b>29,422</b>	<b>28,789</b>	<b>26,420</b>	<b>38,400</b>	<b>14,579</b>	<b>37.97%</b>		<b>25,000</b>	<b>(13,400)</b>	<b>31,500</b>	<b>-17.97%</b>
5340	Meetings & Seminars	1,975	983	1,372	1,444	2,280	602	26.41%	63.63%	1,431	(849)	2,680	17.54%
<b>Employee Training</b>		<b>1,975</b>	<b>983</b>	<b>1,372</b>	<b>1,444</b>	<b>2,280</b>	<b>602</b>	<b>26.40%</b>		<b>1,431</b>	<b>(849)</b>	<b>2,680</b>	<b>17.54%</b>
5410	Business Travel	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5430	Vehicle O & M	57,469	47,204	44,923	49,865	42,388	32,311	76.23%	64.03%	47,558	5,170	45,788	8.02%
<b>Transportation</b>		<b>57,469</b>	<b>47,204</b>	<b>44,923</b>	<b>49,865</b>	<b>42,388</b>	<b>32,311</b>	<b>76.23%</b>		<b>47,558</b>	<b>5,170</b>	<b>45,788</b>	<b>8.02%</b>
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	632,114	693,617	628,191	651,308	793,438	531,554	66.99%	98.74%	674,330	(119,108)	764,756	-3.61%
5540	Other	1,285	7,699	5,255	4,746	5,000	1,980	39.60%	18.51%	6,055	1,055	5,500	10.00%
<b>Professional Services</b>		<b>633,399</b>	<b>701,316</b>	<b>633,446</b>	<b>656,054</b>	<b>798,438</b>	<b>533,534</b>	<b>66.82%</b>		<b>680,385</b>	<b>(118,053)</b>	<b>770,256</b>	<b>-3.53%</b>
5610	Telephone	7,415	6,523	7,814	7,251	9,000	5,216	57.96%	62.83%	8,561	(439)	9,000	0.00%
5620	Electricity	948,202	1,179,358	778,891	968,817	1,564,460	611,098	39.06%	61.85%	1,207,940	(356,520)	1,443,920	-7.70%
5630	Natural Gas	249,130	311,248	212,557	257,645	212,700	115,292	54.20%	45.21%	231,830	19,130	239,340	12.52%
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	27,278	19,165	23,138	23,194	27,336	16,224	59.35%	63.04%	26,328	(1,008)	27,960	2.28%
<b>Utilities</b>		<b>1,232,025</b>	<b>1,516,294</b>	<b>1,022,400</b>	<b>1,256,907</b>	<b>1,813,496</b>	<b>747,830</b>	<b>41.24%</b>		<b>1,474,659</b>	<b>(338,837)</b>	<b>1,720,220</b>	<b>-5.14%</b>
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	860	-	150	202	-	-	N/A	14.85%	-	-	625	N/A
<b>Repairs and Maintenance</b>		<b>860</b>	<b>-</b>	<b>150</b>	<b>202</b>	<b>-</b>	<b>-</b>	<b>N/A</b>		<b>-</b>	<b>-</b>	<b>625</b>	<b>N/A</b>
5810	General Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5820	Office Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5830	Materials	8,262	8,974	5,352	7,530	-	-	N/A	82.09%	-	-	-	N/A
5840	Chemicals	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
<b>Chemicals and Supplies</b>		<b>8,262</b>	<b>8,974</b>	<b>5,352</b>	<b>7,530</b>	<b>-</b>	<b>-</b>	<b>N/A</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>
5901	General Insurance	499,389	513,116	510,938	507,814	521,076	308,206	59.15%	58.97%	522,003	927	552,342	6.00%
5902	Administrative Fees	461,639	340,059	464,827	422,175	701,916	14,883	2.12%	65.65%	701,916	-	898,882	28.06%
5903	Water Stock Assessment	594	3,002	685	1,427	21,300	95	0.45%	4.09%	20,524	(776)	21,307	0.03%
5904	Rent Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5905	Miscellaneous	51,977	49,080	51,064	50,707	49,600	27,039	54.51%	57.01%	48,362	(1,238)	49,600	0.00%
5906	Postage & Freight Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5907	Contributions & Events	190,000	103,787	142,190	145,326	100,000	4,310	4.31%	32.83%	71,480	(28,520)	100,000	0.00%
5909	Depreciation Expense	10,751,104	10,686,522	10,831,933	10,756,520	10,635,000	6,147,639	57.81%	58.57%	10,553,720	(81,280)	10,490,000	-1.36%
5910	Interest Expense	10,302,901	8,704,152	8,736,188	9,247,747	8,918,091	5,195,975	58.26%	62.45%	8,365,905	(552,186)	8,435,345	-5.41%
5911	Laundry	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5913	Safety	12,302	11,068	18,541	13,970	25,733	9,112	35.41%	50.70%	21,798	(3,935)	20,825	-19.07%
5914	Subscriptions & Publications	-	345	854	400	1,279	258	20.13%	101.79%	235	(1,044)	879	-31.27%
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	30,056	28,055	26,552	28,221	25,654	28,314	110.37%	80.96%	33,199	7,545	28,693	11.85%
5917	Amortization Exp.	(379,790)	(271,413)	(276,999)	(309,401)	(276,999)	(161,582)	58.33%	60.90%	(276,999)	-	(294,790)	N/A
<b>Other Expenses</b>		<b>21,920,172</b>	<b>20,167,773</b>	<b>20,506,773</b>	<b>20,864,906</b>	<b>20,722,650</b>	<b>11,574,249</b>	<b>55.85%</b>		<b>20,062,143</b>	<b>(660,507)</b>	<b>20,303,083</b>	<b>-2.02%</b>
<b>Total Expenses</b>		<b>23,914,378</b>	<b>22,412,404</b>	<b>22,265,243</b>	<b>22,863,875</b>	<b>23,420,152</b>	<b>12,906,234</b>	<b>55.11%</b>		<b>22,294,305</b>	<b>(1,125,847)</b>	<b>22,876,652</b>	<b>-2.32%</b>
<b>Excluding personnel costs</b>						<b>23,379,252</b>						<b>22,842,652</b>	<b>-2.30%</b>

**Fiscal Year 2020 General Expenditures Worksheet**
**Cost Center Name: General (20)**
**Last Update:**
**03/15/19**

Account Number	Account Name	Description	Submitted By	Units	Quantity	Unit Price	Extended Amount
5190	Other	Employee suggestions (General & Safety)	Mike DeVries	Lump sum	1	\$ 2,500	\$ 2,500
<b>5190 Total</b>							<b>\$ 2,500</b>
5330	Tuition Aid Program	Tuition Assistance	Mike DeVries	Lump sum	1	\$ 31,500	\$ 31,500
<b>5330 Total</b>							<b>\$ 31,500</b>
5340	Meetings & Seminars	District training	Annalee Munsey	Bi-monthly	24	\$ 80	\$ 1,920
5340	Meetings & Seminars	Safety committee inspections	Annalee Munsey	Quarterly	4	\$ 90	\$ 360
5340	Meetings & Seminars	Utah Safety Conference	Annalee Munsey	Each	2	\$ 200	\$ 400
<b>5340 Total</b>							<b>\$ 2,680</b>
5430	Vehicle O&M	Fleet Vehicles (Gasoline)	Wayne Winsor	Gallons	12500	\$ 2.35	\$ 29,375
5430	Vehicle O&M	Fleet Vehicles (Diesel)	Wayne Winsor	Gallons	2000	\$ 2.72	\$ 5,440
5430	Vehicle O&M	Specialty Vehicles	Wayne Winsor	Gallons	350	\$ 2.35	\$ 823
5430	Vehicle O&M	Lube-oil-filter, repairs, tire replacement etc.	Wayne Winsor	Lump sum	1	\$ 7,000	\$ 7,000
5430	Vehicle O&M	Emissions and Inspections	Wayne Winsor	Lump sum	1	\$ 1,400	\$ 1,400
5430	Vehicle O&M	Repair Parts	Wayne Winsor	Lump sum	1	\$ 1,750	\$ 1,750
<b>5430 Total</b>							<b>\$ 45,788</b>
5530	Contract Services	Jordan Aqueduct O&M by JVWCD	Mike DeVries	AF	10,500	\$ 23.16	\$ 243,180
5530	Contract Services	JVWTP operations by JVWCD	Mike DeVries	AF	2,500	\$ 48.13	\$ 120,325
5530	Contract Services	JVWTP maintenance by JVWCD	Mike DeVries	Lump sum	1	\$ 277,028	\$ 277,028
5530	Contract Services	Jordan Aqueduct Terminal Reservoir operations by JVWCD	Mike DeVries	AF	10,875	\$ 1.21	\$ 13,159
5530	Contract Services	Jordan Aqueduct Terminal Reservoir maintenance by JVWCD	Mike DeVries	Lump sum	1	\$ 33,344	\$ 33,344
5530	Contract Services	150th South Pipeline operations by JVWCD	Mike DeVries	AF	8,496	\$ 0.94	\$ 8,014
5530	Contract Services	150th South Pipeline maintenance by JVWCD	Mike DeVries	Lump sum	1	\$ 31,446	\$ 31,446
5530	Contract Services	Non-CUP water carriage charge in JA	Mike DeVries	AF	1,500	\$ 9.00	\$ 13,498
5530	Contract Services	DACRWTP transfer pump cost	Mike DeVries	AF	300	\$ 15.00	\$ 4,500
5530	Contract Services	Water Softeners/De-ionized Water	Wayne Winsor	Monthly	12	\$ 610	\$ 7,320
5530	Contract Services	Garbage Removal	Wayne Winsor	Monthly	12	\$ 290	\$ 3,480
5530	Contract Services	Harmful Algal Bloom sampling	Mike DeVries	Lump sum	1	\$ 2,750	\$ 2,750
<b>5530 Total</b>							<b>\$ 764,756</b>
5540	Other	Employee Development	Annalee Munsey	Lump sum	1	\$ 2,500	\$ 2,500
5540	Other	Management/Leadership Training	Annalee Munsey	Lump sum	1	\$ 3,000	\$ 3,000
<b>5540 Total</b>							<b>\$ 5,500</b>
5610	Telephone	T1 PRI for District phone lines	Ryan Nicholes	Monthly	12	\$ 466	\$ 5,592
5610	Telephone	Long Distance Services for T1	Ryan Nicholes	Monthly	12	\$ 20	\$ 240
5610	Telephone	Phone number DIDs	Ryan Nicholes	Monthly	12	\$ 69	\$ 828
5610	Telephone	LCWTP Ozone Building phone lines and long distance	Ryan Nicholes	Monthly	12	\$ 80	\$ 960
5610	Telephone	JNPS phone line	Ryan Nicholes	Monthly	12	\$ 40	\$ 480
5610	Telephone	POMWTP backup phone lines	Ryan Nicholes	Monthly	12	\$ 75	\$ 900
<b>5610 Total</b>							<b>\$ 9,000</b>
5620	Electricity	Aqueducts	Ryan Nicholes	Monthly	12	\$ 590	\$ 7,082
5620	Electricity	Finished water reservoirs	Ryan Nicholes	Monthly	12	\$ 1,375.00	\$ 16,500
5620	Electricity	Salt Lake Aqueduct intake	Ryan Nicholes	Monthly	12	\$ 1,575.00	\$ 18,900
5620	Electricity	Jordan Narrows Pump Station	Ryan Nicholes	Monthly	6	\$ 80,620	\$ 483,718
5620	Electricity	Point of the Mountain site	Ryan Nicholes	Monthly	12	\$ 36,306	\$ 435,667
5620	Electricity	Little Cottonwood site	Ryan Nicholes	Monthly	12	\$ 39,778	\$ 477,333
5620	Electricity	POMWTP Standby Generator (Diesel)	Wayne Winsor	Gallons	1000	\$ 2.00	\$ 2,000
5620	Electricity	LCWTP Standby Generator (Diesel)	Wayne Winsor	Gallons	1000	\$ 2.72	\$ 2,720
<b>5620 Total</b>							<b>\$ 1,443,920</b>
5630	Natural Gas	Questar - Point of the Mountain Site	Wayne Winsor	Monthly	12	\$ 1,700	\$ 20,400
5630	Natural Gas	Questar - Little Cottonwood Site/Terminal Reservoir	Wayne Winsor	Monthly	12	\$ 3,000	\$ 36,000
5630	Natural Gas	BP Gas	Wayne Winsor	Monthly	12	\$ 15,000	\$ 180,000
5630	Natural Gas	LCWTP Boiler (Diesel)	Wayne Winsor	Gallons	1000	\$ 2.94	\$ 2,940
<b>5630 Total</b>							<b>\$ 239,340</b>
5650	Water	Salt Lake City	Wayne Winsor	Monthly	12	\$ 550	\$ 6,600
5650	Water	Cottonwood Improvement District	Wayne Winsor	Quarterly	4	\$ 600	\$ 2,400
5650	Water	Mt. Olympus Improvement District (sanitary sewer @ Terminal Reservoir)	Wayne Winsor	Bi-monthly	6	\$ 34	\$ 204
5650	Water	Draper City (storm drain fee)	Wayne Winsor	Monthly	12	\$ 963	\$ 11,556
5650	Water	South Valley Sewer	Wayne Winsor	Monthly	12	\$ 600	\$ 7,200
<b>5650 Total</b>							<b>\$ 27,960</b>
5720	Machinery & Equipment	Fit test recalibration	Annalee Munsey	Lump sum	1	\$ 625	\$ 625
5720	Machinery & Equipment	Equipment repairs	Annalee Munsey	Lump sum	0	\$ -	\$ -
<b>5720 Total</b>							<b>\$ 625</b>
5901	General Insurance	General liability	Mike DeVries	Lump sum	1	\$ 38,524	\$ 38,524
5901	General Insurance	Automobile liability	Mike DeVries	Lump sum	1	\$ 9,536	\$ 9,536
5901	General Insurance	Public officials/management liability	Mike DeVries	Lump sum	1	\$ 7,216	\$ 7,216
5901	General Insurance	Umbrella/excess liability (included with general liability)	Mike DeVries	Lump sum	1	\$ 22,025	\$ 22,025
5901	General Insurance	Property	Mike DeVries	Lump sum	1	\$ 367,583	\$ 367,583
5901	General Insurance	Workers compensation	Mike DeVries	Lump sum	1	\$ 74,670	\$ 74,670
5901	General Insurance	Pollution/environmental liability (year 3 of 3)	Mike DeVries	Lump sum	1	\$ -	\$ -
5901	General Insurance	Employee dishonesty/Crime	Mike DeVries	Lump sum	1	\$ 1,597	\$ 1,597
5901	General Insurance	Cyber liability (included with public officials/management liability)	Mike DeVries	Lump sum	1	\$ -	\$ -
5901	General Insurance	Identity fraud	Mike DeVries	Lump sum	1	\$ 265	\$ 265
5901	General Insurance	Public officials bond-Treasurer (year 3 of 3)	Mike DeVries	Lump sum	1	\$ -	\$ -
5901	General Insurance	Insurance consulting fee (year 4 of 5)	Mike DeVries	Lump sum	1	\$ 30,926	\$ 30,926
5901	General Insurance	Miscellaneous	Mike DeVries	Lump sum	1	\$ -	\$ -
<b>5901 Total</b>							<b>\$ 552,342</b>
5902	Administrative Fees	Utah Lake Water Users Association	Mike DeVries	Monthly	12	\$ 8,240	\$ 98,882
5902	Administrative Fees	Central Utah Project Water	Mike DeVries	Acre feet	20000	\$ 40.00	\$ 800,000
<b>5902 Total</b>							<b>\$ 898,882</b>
5903	Water Stock Assessment	Big Ditch Irrigation Company	Mike DeVries	Shares	192.6	\$ 107.50	\$ 20,705
5903	Water Stock Assessment	Big Cottonwood Lower Canal Company	Mike DeVries	Shares	20.64	\$ 22	\$ 453
5903	Water Stock Assessment	State Engineer Little Cottonwood Creek distribution assessment	Mike DeVries	Each	1	\$ 55	\$ 55
5903	Water Stock Assessment	Sandy Irrigation Company	Mike DeVries	Shares	2	\$ 8	\$ 16
5903	Water Stock Assessment	Utah Lake Distributing Company	Mike DeVries	Shares	1	\$ 43	\$ 43
5903	Water Stock Assessment	Bell Canyon Irrigation Company	Mike DeVries	Shares	1	\$ 35	\$ 35
<b>5903 Total</b>							<b>\$ 21,307</b>
5905	Miscellaneous	Water Quality Incentive Awards	Annalee Munsey	Lump sum	1	\$ 16,000	\$ 16,000
5905	Miscellaneous	Board Member Pay	Annalee Munsey	Per Member	7	\$ 4,800	\$ 33,600
<b>5905 Total</b>							<b>\$ 49,600</b>

<b>Fiscal Year 2020 General Expenditures Worksheet</b>							
<b>Cost Center Name: General (20)</b>							
<b>Last Update: 03/15/19</b>							
Account Number	Account Name	Description	Submitted By	Units	Quantity	Unit Price	Extended Amount
5907	Contribution & Events	Provo River Watershed Council (year 2 of 5 at \$100,000 per year; or alternate)	Mike DeVries	Lump sum	1	\$ 100,000	\$ 100,000
<b>5907 Total</b>							<b>\$ 100,000</b>
5909	Depreciation Expense	Depreciation of Capital Assets	Sonya Shepherd	Monthly	12	\$ 874,167	\$ 10,490,000
<b>5909 Total</b>							<b>\$ 10,490,000</b>
5910	Interest Expense	Variable rate debt management fees (Wells Fargo direct purchase)	Annalee Munsey	Lump sum	1	\$ 353,286	\$ 353,286
5910	Interest Expense	Synthetically Fixed \$58.8 M	Annalee Munsey	Lump sum	1	\$ 1,871,016	\$ 1,871,016
5910	Interest Expense	2012A bonds	Annalee Munsey	Lump sum	1	\$ 1,849,100	\$ 1,849,100
5910	Interest Expense	2012B bonds	Annalee Munsey	Lump sum	1	\$ 169,075	\$ 169,075
5910	Interest Expense	2015 bonds	Annalee Munsey	Lump sum	1	\$ 195,400	\$ 195,400
5910	Interest Expense	2016A bonds	Annalee Munsey	Lump sum	1	\$ 1,958,950	\$ 1,958,950
5910	Interest Expense	2019 bonds	Annalee Munsey	Lump sum	1	\$ 2,038,518	\$ 2,038,518
<b>5910 Total</b>							<b>\$ 8,435,345</b>
5913	Safety	Safety Incentive Program	Annalee Munsey	Lump sum	1	\$ 12,000	\$ 12,000
5913	Safety	Medical Clearance for respirator	Annalee Munsey	Lump sum	31	\$ 65	\$ 2,015
5913	Safety	First Aid supplies	Annalee Munsey	Each	12	\$ 200	\$ 2,400
5913	Safety	AED battery replacements	Annalee Munsey	Each	0	\$ 150	\$ -
5913	Safety	Ear plugs	Annalee Munsey	Lump sum	1	\$ 300	\$ 300
5913	Safety	Secondary containment platforms	Annalee Munsey	Each	2	\$ 150	\$ 300
5913	Safety	Respirator cleaning wipes	Annalee Munsey	Each	4	\$ 10	\$ 40
5913	Safety	Absorbent materials	Annalee Munsey	Lump sum	1	\$ 1,200	\$ 1,200
5913	Safety	Lockout/tagout equipment	Annalee Munsey	Lump sum	1	\$ 100	\$ 100
5913	Safety	Safety signs	Annalee Munsey	Lump sum	1	\$ 500	\$ 500
5913	Safety	Books & training videos	Annalee Munsey	Lump sum	2	\$ 500	\$ 1,000
5913	Safety	Unified Fire Authority-hazmat permits	Matt Tietje	Lump sum	1	\$ 970	\$ 970
<b>5913 Total</b>							<b>\$ 20,825</b>
5914	Subscriptions & Publications	AWWA Standards	Annalee Munsey	Lump sum	1	\$ 600	\$ 600
5914	Subscriptions & Publications	National Safety Council Safety Magazine	Annalee Munsey	Lump sum	1	\$ 279	\$ 279
<b>5914 Total</b>							<b>\$ 879</b>
5916	Dues & Membership	Utah Water Users Association	Annalee Munsey	Lump sum	1	\$ 500	\$ 500
5916	Dues & Membership	Utah Association of Special Districts	Annalee Munsey	Lump sum	1	\$ 10,466	\$ 10,466
5916	Dues & Membership	Warehouse shopping accounts	Annalee Munsey	Lump sum	1	\$ 200	\$ 200
5916	Dues & Membership	Amazon business prime membership	Annalee Munsey	Lump sum	1	\$ 175	\$ 175
5916	Dues & Membership	Partnership for Safe Water	Annalee Munsey	Lump sum	1	\$ 1,800	\$ 1,800
5916	Dues & Membership	National Safety Council	Annalee Munsey	Lump sum	1	\$ 450	\$ 450
5916	Dues & Membership	Utah Safety Council	Annalee Munsey	Lump sum	1	\$ 225	\$ 225
5916	Dues & Membership	AWWA District Membership	Annalee Munsey	Lump sum	1	\$ 355	\$ 355
5916	Dues & Membership	Intermountain Section AWWA partnership program	Annalee Munsey	Lump sum	1	\$ 1,900	\$ 1,900
5916	Dues & Membership	Utah Water Conservation Forum	Annalee Munsey	Lump sum	0	\$ 300	\$ -
5916	Dues & Membership	Water ISAC	Annalee Munsey	Lump sum	1	\$ 2,099	\$ 2,099
5916	Dues & Membership	Water Research Foundation	Mike DeVries	Lump sum	1	\$ 10,523	\$ 10,523
<b>5916 Total</b>							<b>\$ 28,693</b>
5917	Amortization Expense	Amortization of costs and reoffering premiums associated with bonds	Sonya Shepherd	Monthly	12	\$ (24,566)	\$ (294,790)
<b>5917 Total</b>							<b>\$ (294,790)</b>

Metropolitan Water District of Salt Lake & Sandy  
Fiscal Year 2020  
OPERATIONS (22)  
Last Update:  
03/26/19

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	719,992	761,974	732,540	738,169	776,862	428,938	55.21%	56.47%	767,106	(9,756)	834,387	7.40%
5120	Overtime Premium	86,781	79,956	81,005	82,581	80,323	52,597	65.48%	63.63%	81,810	1,487	80,323	0.00%
5170	On Call Pay	5,490	5,475	5,475	5,480	5,475	3,045	55.62%	56.20%	5,443	(32)	5,475	0.00%
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	64,658	65,897	63,172	64,576	66,405	37,252	56.10%	57.39%	65,548	(857)	70,835	6.67%
	<b>Salaries and Wages</b>	<b>876,921</b>	<b>913,302</b>	<b>882,192</b>	<b>890,806</b>	<b>929,065</b>	<b>521,832</b>	<b>56.17%</b>		<b>919,907</b>	<b>(9,158)</b>	<b>991,020</b>	<b>6.67%</b>
5310	Retirement Plan	177,353	177,773	169,812	174,979	183,620	104,140	56.72%	59.64%	178,249	(5,371)	192,771	4.98%
5320	Medical Insurance Premiums	199,647	213,613	236,798	216,686	251,738	147,212	58.48%	59.12%	250,122	(1,616)	263,260	4.58%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	6,818	7,130	6,889	6,946	6,951	4,081	58.71%	57.85%	7,011	60	7,735	11.28%
	<b>Employee Benefits</b>	<b>383,818</b>	<b>398,516</b>	<b>413,499</b>	<b>398,611</b>	<b>442,309</b>	<b>255,433</b>	<b>57.75%</b>		<b>435,382</b>	<b>(6,927)</b>	<b>463,766</b>	<b>4.85%</b>
5340	Meetings & Seminars	1,306	1,409	1,401	1,372	1,600	616	38.51%	72.12%	1,062	(538)	2,650	65.63%
	<b>Employee Training</b>	<b>1,306</b>	<b>1,409</b>	<b>1,401</b>	<b>1,372</b>	<b>1,600</b>	<b>616</b>	<b>38.50%</b>		<b>1,062</b>	<b>(538)</b>	<b>2,650</b>	<b>65.63%</b>
5410	Business Travel	2,316	-	-	772	2,000	935	46.74%	60.46%	1,726	(274)	2,700	35.00%
5430	Vehicle O & M	-	328	172	167	275	70	25.60%	11.50%	314	39	290	5.45%
	<b>Transportation</b>	<b>2,316</b>	<b>328</b>	<b>172</b>	<b>939</b>	<b>2,275</b>	<b>1,005</b>	<b>44.18%</b>		<b>2,040</b>	<b>(235)</b>	<b>2,990</b>	<b>31.43%</b>
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	-	216	-	72	-	-	N/A	100.00%	-	-	-	N/A
5540	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Professional Services</b>	<b>-</b>	<b>216</b>	<b>-</b>	<b>72</b>	<b>-</b>	<b>-</b>	<b>N/A</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>
5610	Telephone	1,708	1,596	1,601	1,635	2,048	935	45.64%	58.28%	1,789	(259)	2,048	0.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Utilities</b>	<b>1,708</b>	<b>1,596</b>	<b>1,601</b>	<b>1,635</b>	<b>2,048</b>	<b>935</b>	<b>45.65%</b>		<b>1,789</b>	<b>(259)</b>	<b>2,048</b>	<b>0.00%</b>
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	-	773	-	258	800	-	0.00%	100.00%	-	(800)	800	0.00%
	<b>Repairs and Maintenance</b>	<b>-</b>	<b>773</b>	<b>-</b>	<b>258</b>	<b>800</b>	<b>-</b>	<b>0.00%</b>		<b>-</b>	<b>(800)</b>	<b>800</b>	<b>0.00%</b>
5810	General Supplies	673	397	991	687	1,700	13	0.75%	12.93%	1,493	(207)	1,700	0.00%
5820	Office Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5830	Materials	1,723	1,777	1,827	1,776	2,304	160	6.95%	29.25%	1,790	(514)	2,364	2.60%
5840	Chemicals	1,212,573	1,098,873	1,150,638	1,154,028	1,336,709	990,350	74.09%	65.91%	1,509,267	172,558	1,577,003	17.98%
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Chemicals and Supplies</b>	<b>1,214,969</b>	<b>1,101,047</b>	<b>1,153,456</b>	<b>1,156,491</b>	<b>1,340,713</b>	<b>990,523</b>	<b>73.88%</b>		<b>1,512,550</b>	<b>171,837</b>	<b>1,581,067</b>	<b>17.93%</b>
5901	General Insurance	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5902	Administrative Fees	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5904	Rent Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5905	Miscellaneous	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5906	Postage & Freight Exp.	25	-	-	8	-	-	N/A	100.00%	-	-	-	N/A
5907	Contributions & Events	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5909	Depreciation Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5910	Interest Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5911	Laundry	1,728	2,079	1,837	1,881	2,090	1,812	86.68%	79.74%	1,812	(278)	2,090	0.00%
5913	Safety	1,642	1,427	1,137	1,402	2,469	-	0.00%	4.58%	2,356	(113)	2,469	0.00%
5914	Subscriptions & Publications	87	199	165	150	300	45	15.00%	100.00%	45	(255)	300	0.00%
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5917	Amortization Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Other Expenses</b>	<b>3,482</b>	<b>3,705</b>	<b>3,139</b>	<b>3,441</b>	<b>4,859</b>	<b>1,857</b>	<b>38.22%</b>		<b>4,213</b>	<b>(646)</b>	<b>4,859</b>	<b>0.00%</b>
	<b>Total Expenses</b>	<b>2,484,520</b>	<b>2,420,892</b>	<b>2,455,460</b>	<b>2,453,625</b>	<b>2,723,669</b>	<b>1,772,201</b>	<b>65.07%</b>		<b>2,876,943</b>	<b>153,274</b>	<b>3,049,200</b>	<b>11.95%</b>
				<b>Excluding personnel costs</b>		<b>1,352,295</b>						<b>1,594,414</b>	<b>17.90%</b>

**Fiscal Year 2020 General Expenditures Worksheet**

<b>Cost Center Name:</b>	<b>Operations (22)</b>					
<b>Last Update:</b>						
<b>03/26/19</b>						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (13 FTEs)	Pay Period	26	\$ 32,092	\$ 834,387
<b>5110 Total</b>						<b>\$ 834,387</b>
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 3,089	\$ 80,323
<b>5120 Total</b>						<b>\$ 80,323</b>
5170	On Call Pay	On Call Pay	Day	365	\$ 15	\$ 5,475
<b>5170 Total</b>						<b>\$ 5,475</b>
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 2,724	\$ 70,835
<b>5210 Total</b>						<b>\$ 70,835</b>
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 7,414	\$ 192,771
<b>5310 Total</b>						<b>\$ 192,771</b>
5320	Medical Insurance Premiums	Insurance premiums (Dental, Medical, and H.S.A. Contribution)	Monthly	12	\$ 21,938	\$ 263,260
<b>5320 Total</b>						<b>\$ 263,260</b>
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 645	\$ 7,735
<b>5350 Total</b>						<b>\$ 7,735</b>
5340	Meetings & Seminars	Operator Certification Renewals	Each	11	\$ 150	\$ 1,650
5340	Meetings & Seminars	Local Seminars	Lump sum	1	\$ 600	\$ 600
5340	Meetings & Seminars	Meeting refreshments	Lump sum	1	\$ 400	\$ 400
<b>5340 Total</b>						<b>\$ 2,650</b>
5410	Business Travel	AWWA Intermountain Section	Each	1	\$ 1,500	\$ 1,500
5411	Business Travel	UWUA	Each	1	\$ 1,200	\$ 1,200
5410	Business Travel	AWWA Webinars	Lump sum	1	\$ -	\$ -
<b>5410 Total</b>						<b>\$ 2,700</b>
5430	Vehicle O&M	Mileage reimbursement	Miles	500	\$ 0.58	\$ 290
<b>5430 Total</b>						<b>\$ 290</b>
5610	Telephone	Cellular Phones (2)	Monthly	12	\$ 54	\$ 648
5610	Telephone	Mobile phone allowance (2)	Monthly	12	\$ 100	\$ 1,200
5610	Telephone	Allowance for cell phone replacement/parts	Each	1	\$ 200	\$ 200
<b>5610 Total</b>						<b>\$ 2,048</b>
5720	Machinery & Equipment	Equipment repairs	Lump sum	1	\$ 800	\$ 800
<b>5720 Total</b>						<b>\$ 800</b>
5830	Materials	pH probes	Each	2	\$ 150	\$ 300
5830	Materials	Variable volume pipettor	Each	2	\$ 222	\$ 444
5830	Materials	DPD Chlorine Dispenser	Each	2	\$ 60	\$ 120
5830	Materials	Miscellaneous laboratory supplies	Lump sum	1	\$ 300	\$ 300
5830	Materials	Gloves	Lump sum	1	\$ 600	\$ 600
5830	Materials	Kimwipes	Lump sum	1	\$ 200	\$ 200
5830	Materials	Supplies for filter inspections	Lump sum	1	\$ 400	\$ 400
<b>5830 Total</b>						<b>\$ 2,364</b>
5840	Chemicals	Aluminum Chlorohydrate (POMWTP)	Lbs.	189,890	\$ 0.300	\$ 56,967
5840	Chemicals	C 308P Cat-Floc (LCWTP) - totes	Lbs.	183,613	\$ 0.705	\$ 129,447
5840	Chemicals	C 308P Cat-Floc (POMWTP) - bulk	Lbs.	45,000	\$ 0.635	\$ 28,575
5840	Chemicals	A-6320 Anionic (POMWTP & LCWTP) - totes	Lbs.	8,254	\$ 1.930	\$ 15,930
5840	Chemicals	Chlorine (LCWTP)	Lbs.	390,667	\$ 0.23800	\$ 92,979
5840	Chemicals	Ferric Chloride (LCWTP)	Dry lbs.	1,549,709	\$ 0.3600	\$ 557,895
5840	Chemicals	Caustic Soda 50% (LCWTP)	Dry lbs.	1,283,673	\$ 0.3340	\$ 428,747
5840	Chemicals	Fluoride (LCWTP & POMWTP)	Wet. Lbs.	385,756	\$ 0.2750	\$ 106,083
5840	Chemicals	Calcium Thiosulfate (LCWTP & POMWTP)	Load	-	\$ 12.276	\$ -
5840	Chemicals	Lime, Bulk (LCWTP)	Dry lbs.	185,540	\$ 0.159	\$ 29,501
5840	Chemicals	LOX (LCWTP & POMWTP)	1000FTS	36,115	\$ 3.117	\$ 112,570
5840	Chemicals	Sodium Thiosulfate (LCWTP)	Drum	-	\$ 130	\$ -
5840	Chemicals	T-Chlor (LCWTP & POMWTP)	Drum	8	\$ 156	\$ 1,248
5840	Chemicals	Salt (POMWTP)	Tons	141	\$ 88.880	\$ 12,532
5840	Chemicals	Salt (TR FWR)	Lbs.	37,063	\$ 0.098	\$ 3,614
5840	Chemicals	DPD powder in glass bottles	Each	6	\$ 48.490	\$ 291
5840	Chemicals	DPD powder packets	Each	6	\$ 20.65	\$ 124
5840	Chemicals	pH Buffers	Lump sum	1	\$ 500	\$ 500
<b>5840 Total</b>						<b>\$ 1,577,003</b>
5911	Laundry	Uniforms	Lump sum	1	\$ 2,090	\$ 2,090
<b>5911 Total</b>						<b>\$ 2,090</b>
5913	Safety	Safety Shoes/ Boots	Each	12	\$ 100	\$ 1,200
5913	Safety	Gloves (Neoprene, etc.)	Lump sum	1	\$ 300	\$ 300
5913	Safety	Safety glasses (prescription)	Each	2	\$ 200	\$ 400
5913	Safety	PVC boots	Each	3	\$ 70	\$ 210
5913	Safety	Acid bib overalls	Each	2	\$ 30	\$ 60
5913	Safety	Acid coveralls	Each	2	\$ 47	\$ 94
5913	Safety	Acid jacket	Each	2	\$ 30	\$ 60
5913	Safety	Confined Space Monitor	Each	0	\$ 700	\$ -
5913	Safety	Safety Harnesses	Each	0	\$ 150	\$ -
5913	Safety	Safety Goggles/glasses	Lump sum	1	\$ 100	\$ 100
5913	Safety	PVC Suits (Chemical handling)	Each	0	\$ 75	\$ -
5913	Safety	Respirator Cartridges	Each	3	\$ 15	\$ 45
<b>5913 Total</b>						<b>\$ 2,469</b>
5914	Subscriptions & Publications	Subscriptions and Publications	Lump sum	1	\$ 300	\$ 300
<b>5914 Total</b>						<b>\$ 300</b>

**Metropolitan Water District of Salt Lake & Sandy**  
**Fiscal Year 2020**  
**MAINTENANCE (23)**  
**Last Update:**  
**04/03/19**

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	1,073,446	1,017,948	967,516	1,019,637	1,056,015	581,158	55.03%	56.29%	1,042,742	(13,273)	1,121,226	6.18%
5120	Overtime Premium	6,229	13,307	6,349	8,628	13,000	934	7.19%	20.41%	11,281	(1,719)	13,000	0.00%
5170	On Call Pay	5,490	5,160	5,055	5,235	5,475	3,045	55.62%	56.16%	5,445	(30)	5,475	0.00%
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	86,175	81,682	75,758	81,205	82,949	46,173	55.66%	57.21%	81,667	(1,282)	87,955	6.03%
	<b>Salaries and Wages</b>	<b>1,171,340</b>	<b>1,118,097</b>	<b>1,054,678</b>	<b>1,114,705</b>	<b>1,157,439</b>	<b>631,310</b>	<b>54.54%</b>		<b>1,141,135</b>	<b>(16,304)</b>	<b>1,227,656</b>	<b>6.07%</b>
5310	Retirement Plan	222,130	206,058	190,146	206,111	208,463	122,805	58.91%	58.23%	209,880	1,417	220,978	6.00%
5320	Medical Insurance Premiums	350,814	372,106	359,889	360,936	404,206	233,843	57.85%	58.15%	403,003	(1,203)	414,631	2.58%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	12,147	11,669	10,952	11,589	12,071	6,204	51.40%	59.46%	11,098	(973)	12,444	3.09%
	<b>Employee Benefits</b>	<b>585,091</b>	<b>589,833</b>	<b>560,987</b>	<b>578,636</b>	<b>624,740</b>	<b>362,852</b>	<b>58.08%</b>		<b>623,981</b>	<b>(759)</b>	<b>648,053</b>	<b>3.73%</b>
5340	Meetings & Seminars	4,917	1,445	3,903	3,422	4,250	3,313	77.94%	59.02%	5,054	804	4,770	12.24%
	<b>Employee Training</b>	<b>4,917</b>	<b>1,445</b>	<b>3,903</b>	<b>3,422</b>	<b>4,250</b>	<b>3,313</b>	<b>77.95%</b>		<b>5,054</b>	<b>804</b>	<b>4,770</b>	<b>12.24%</b>
5410	Business Travel	3,290	-	1,542	1,611	3,000	-	0.00%	91.97%	241	(2,759)	-	-100.00%
5430	Vehicle O & M	1,120	436	428	661	660	249	37.72%	45.62%	608	(52)	696	5.45%
	<b>Transportation</b>	<b>4,410</b>	<b>436</b>	<b>1,970</b>	<b>2,272</b>	<b>3,660</b>	<b>249</b>	<b>6.80%</b>		<b>849</b>	<b>(2,811)</b>	<b>696</b>	<b>-80.98%</b>
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	107,721	134,814	76,834	106,457	166,897	46,131	27.64%	51.84%	160,000	(6,897)	206,235	23.57%
5540	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Professional Services</b>	<b>107,721</b>	<b>134,814</b>	<b>76,834</b>	<b>106,457</b>	<b>166,897</b>	<b>46,131</b>	<b>27.64%</b>		<b>160,000</b>	<b>(6,897)</b>	<b>206,235</b>	<b>23.57%</b>
5610	Telephone	2,280	1,955	1,480	1,905	1,440	840	58.33%	60.54%	1,408	(32)	1,440	0.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Utilities</b>	<b>2,280</b>	<b>1,955</b>	<b>1,480</b>	<b>1,905</b>	<b>1,440</b>	<b>840</b>	<b>58.33%</b>		<b>1,408</b>	<b>(32)</b>	<b>1,440</b>	<b>0.00%</b>
5710	Buildings & Grounds	144,078	71,153	54,661	89,964	96,020	24,141	25.14%	72.75%	50,307	(45,713)	35,020	-63.53%
5720	Machinery & Equipment	63,293	45,889	53,531	54,238	60,041	37,498	62.45%	64.03%	70,000	9,959	80,400	33.91%
	<b>Repairs and Maintenance</b>	<b>207,371</b>	<b>117,042</b>	<b>108,192</b>	<b>144,202</b>	<b>156,061</b>	<b>61,639</b>	<b>39.50%</b>		<b>120,307</b>	<b>(35,754)</b>	<b>115,420</b>	<b>-26.04%</b>
5810	General Supplies	11,944	9,861	11,588	11,131	10,415	5,251	50.42%	59.77%	9,441	(974)	11,560	10.99%
5820	Office Supplies	100	-	-	33	-	-	N/A	100.00%	-	-	-	N/A
5830	Materials	92,136	83,813	71,566	82,505	100,646	45,338	45.05%	58.05%	87,559	(13,087)	100,600	-0.05%
5840	Chemicals and Supplies	6,630	5,436	8,354	6,807	9,600	1,469	15.30%	36.08%	7,605	(1,995)	3,600	-62.50%
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Chemicals and Supplies</b>	<b>110,810</b>	<b>99,110</b>	<b>91,508</b>	<b>100,476</b>	<b>120,661</b>	<b>52,058</b>	<b>43.14%</b>		<b>104,605</b>	<b>(16,056)</b>	<b>115,760</b>	<b>-4.06%</b>
5901	General Insurance	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5902	Administrative Fees	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5904	Rent Exp.	12,066	4,451	2,107	6,208	13,550	12,530	92.47%	63.57%	17,466	3,916	22,250	64.21%
5905	Miscellaneous	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5906	Postage & Freight Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5907	Contributions & Events	-	-	444	148	-	-	N/A	0.00%	-	-	-	N/A
5909	Depreciation Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5910	Interest Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5911	Laundry	4,644	4,929	3,740	4,438	4,500	4,074	90.54%	88.01%	4,074	(426)	5,500	22.22%
5913	Safety	11,613	11,893	11,969	11,825	5,953	3,207	53.87%	58.27%	5,691	(262)	5,953	0.00%
5914	Subscriptions & Publications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	-	560	1,680	747	970	400	41.24%	67.41%	716	(254)	2,515	159.28%
5917	Amortization Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Other Expenses</b>	<b>28,323</b>	<b>21,833</b>	<b>19,940</b>	<b>23,366</b>	<b>24,973</b>	<b>20,211</b>	<b>80.93%</b>		<b>27,947</b>	<b>2,974</b>	<b>36,218</b>	<b>45.03%</b>
	<b>Total Expenses</b>	<b>2,222,263</b>	<b>2,084,565</b>	<b>1,919,492</b>	<b>2,075,441</b>	<b>2,260,121</b>	<b>1,178,603</b>	<b>52.15%</b>		<b>2,185,286</b>	<b>(74,835)</b>	<b>2,356,248</b>	<b>4.25%</b>
				<b>Excluding personnel costs</b>		<b>477,942</b>						<b>480,539</b>	<b>0.54%</b>

**Fiscal Year 2020 General Expenditures Worksheet**

<b>Cost Center Name:</b>	<b>Maintenance (23)</b>					
<b>Last Update:</b>						
<b>04/03/19</b>						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (21 FTEs plus 1 Seasonal plus skill-based pay)	Pay Period	26	\$ 43,124	\$ 1,121,226
<b>5110 Total</b>						<b>\$ 1,121,226</b>
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 500	\$ 13,000
<b>5120 Total</b>						<b>\$ 13,000</b>
5170	On Call Pay	On Call Pay	Daily	365	\$ 15	\$ 5,475
<b>5170 Total</b>						<b>\$ 5,475</b>
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 3,383	\$ 87,955
<b>5210 Total</b>						<b>\$ 87,955</b>
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 8,499	\$ 220,978
<b>5310 Total</b>						<b>\$ 220,978</b>
5320	Medical Insurance Premiums	Insurance premiums (Dental, Medical, and H.S.A. Contribution)	Monthly	12	\$ 34,553	\$ 414,631
<b>5320 Total</b>						<b>\$ 414,631</b>
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 1,037	\$ 12,444
<b>5350 Total</b>						<b>\$ 12,444</b>
5340	Meetings & Seminars	Backflow Prevention Seminar & Training	Each	3	\$ 100	\$ 300
5340	Meetings & Seminars	Utah APWA Fall Conference	Each	2	\$ 185	\$ 370
5340	Meetings & Seminars	Local Seminars	Each	5	\$ 200	\$ 1,000
5340	Meetings & Seminars	Boiler Operator Training	Each	2	\$ 575	\$ 1,150
5340	Meetings & Seminars	Refreshments for Maintenance sponsored coordination	Lump sum	1	\$ 1,000	\$ 1,000
5340	Meetings & Seminars	Backflow Certification (Cross Control Program Administer)	Each	1	\$ 350	\$ 350
5340	Meetings & Seminars	Operator Certification Renewals	Each	4	\$ 150	\$ 600
<b>5340 Total</b>						<b>\$ 4,770</b>
5410	Business Travel				\$ -	\$ -
<b>5410 Total</b>						<b>\$ -</b>
5430	Vehicle O & M	Mileage reimbursement	Miles	1200	\$ 0.58	\$ 696
<b>5430 Total</b>						<b>\$ 696</b>
5530	Contract Services	HVAC Equipment Service	Lump sum	1	\$ 13,000	\$ 13,000
5530	Contract Services	Generator Preventative Maintenance Service	Lump sum	1	\$ 13,320	\$ 13,320
5530	Contract Services	Painting Services (LCWTP - Ozone Tank #1)	Each	1	\$ 30,000	\$ 30,000
5530	Contract Services	Asphalt Repair LCWTP (Slurry coat/Crack sealant)	Lump sum	1	\$ 20,000	\$ 20,000
5530	Contract Services	Elevator Service Contract & State Fees	Monthly	12	\$ 500	\$ 6,000
5530	Contract Services	Crane Inspection & Service	Lump sum	1	\$ 500	\$ 500
5530	Contract Services	Fire Extinguisher Service (Suppression, Sprinkler, etc.)	Lump sum	1	\$ 1,725	\$ 1,725
5530	Contract Services	Boiler Inspection, Repair & Service - LCWTP & POMWTP	Lump sum	1	\$ 6,750	\$ 6,750
5530	Contract Services	Misc Contract Services (Geese Relocation, Waste Oil, Pump Sewer, etc.)	Lump sum	1	\$ 1,500	\$ 1,500
5530	Contract Services	Pump Repair	Lump sum	1	\$ 6,100	\$ 6,100
5530	Contract Services	Hazardous Waste Disposal	Lump sum	1	\$ 1,000	\$ 1,000
5530	Contract Services	Ozone Nitrogen Boost Compressor Service - LCWTP & POMWTP	Each	2	\$ 4,500	\$ 9,000
5530	Contract Services	Fuel Tank Inspection	Lump sum	1	\$ 1,000	\$ 1,000
5530	Contract Services	Underground Storage Tank Program - (UST Fund)	Lump sum	1	\$ 1,680	\$ 1,680
5530	Contract Services	Garage door repairs	Lump sum	1	\$ 3,500	\$ 3,500
5530	Contract Services	Machine Repair and Unexpected Service Costs	Lump sum	1	\$ 15,000	\$ 15,000
5530	Contract Services	Fence Installation	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	DOT Physical Exams	Each	9	\$ 65	\$ 585
5530	Contract Services	LCWTP Office Building Window Repair	Lump sum	1	\$ 5,250	\$ 5,250
5530	Contract Services	Tree Removal	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	General Contractor - Valve Replacement at Tanner Flats, Memorial Estates	Lump sum	1	\$ 50,000	\$ 50,000
5530	Contract Services	Valve Manufacturer - Valve disk seat replacement/training	Lump sum	1	\$ 10,000	\$ 10,000
5530	Contract Services	CDL Medical Exam	Each	5	\$ 65	\$ 325
<b>5530 Total</b>						<b>\$ 206,235</b>
5610	Telephone	Mobile Phone Allowances (3)	Monthly	12	\$ 120	\$ 1,440
<b>5610 Total</b>						<b>\$ 1,440</b>
5710	Buildings & Grounds	Painting Supplies	Lump sum	1	\$ 2,400	\$ 2,400
5710	Buildings & Grounds	Salt (Water Softener, Ice Melt, etc.)	Lump sum	1	\$ 3,000	\$ 3,000
5710	Buildings & Grounds	Repair Supplies (concrete repairs etc.)	Lump sum	1	\$ 4,000	\$ 4,000
5710	Buildings & Grounds	Fertilizer/weed killer/gopher bait	Lump sum	1	\$ 1,000	\$ 1,000
5710	Buildings & Grounds	Sprinkler supplies (controller, pop-up, rain birds, solenoids, misc.)	Lump sum	1	\$ 1,500	\$ 1,500
5710	Buildings & Grounds	Tools (shovels, rakes, loppers, shears, hand pruners, saws, snow shovels etc.)	Lump sum	1	\$ 1,120	\$ 1,120
5710	Buildings & Grounds	Equipment supplies (oil, chains, weed trimming line, wasp spray, misc.)	Lump sum	1	\$ 1,000	\$ 1,000
5710	Buildings & Grounds	Asphalt Crack Sealing Compound	Lump sum	1	\$ 2,000	\$ 2,000
5710	Buildings & Grounds	Gravel/Landscape Rock/Wood Chip/Fencing Materials	Lump sum	1	\$ 9,000	\$ 9,000
5710	Buildings & Grounds	Cleaning of Drying Beds	Lump sum	1	\$ 10,000	\$ 10,000
<b>5710 Total</b>						<b>\$ 35,020</b>
5720	Machinery & Equipment	Power Tools (Cordless Drill, Drill etc.)	Lump sum	1	\$ 1,500	\$ 1,500
5720	Machinery & Equipment	Hand Tools	Lump sum	1	\$ 3,000	\$ 3,000
5720	Machinery & Equipment	Ozone corrosion inhibitor monitoring	Each	2	\$ 125	\$ 250
5720	Machinery & Equipment	Golf Cart Enclosure	Each	2	\$ 325	\$ 650
5720	Machinery & Equipment	Pump, Drum	Each	1	\$ 1,200	\$ 1,200
5720	Machinery & Equipment	Pump, Sample	Each	2	\$ 1,200	\$ 2,400
5720	Machinery & Equipment	Pumps, Submersible (Standard - Small)	Each	1	\$ 1,650	\$ 1,650
5720	Machinery & Equipment	Pump, Chemical sump	Each	2	\$ 1,250	\$ 2,500
5720	Machinery & Equipment	Pump Parts, Chemical Resistant	Each	1	\$ 300	\$ 300
5720	Machinery & Equipment	Pump, Submersible (Large, two stage)	Each	1	\$ 1,875	\$ 1,875
5720	Machinery & Equipment	Pipe & Valve - Projects	Lump sum	1	\$ 10,000	\$ 10,000
5720	Machinery & Equipment	Sodium Hypochlorite Parts	Lump sum	1	\$ 10,000	\$ 10,000
5720	Machinery & Equipment	Shop vacuum	Each	2	\$ 150	\$ 300
5720	Machinery & Equipment	Ladders	Lump sum	1	\$ 1,100	\$ 1,100
5720	Machinery & Equipment	HVAC Equipment	Lump sum	1	\$ 15,900	\$ 15,900
5720	Machinery & Equipment	Weed trimmer (Heavy duty)	Each	2	\$ 400	\$ 800
5720	Machinery & Equipment	Lawn Mower (walk behind)	Each	1	\$ 1,200	\$ 1,200
5720	Machinery & Equipment	Asphalt Crack Sealing - Boiling Pot	Each	1	\$ 5,000	\$ 5,000
5720	Machinery & Equipment	Golf Carts	Each	2	\$ 3,000	\$ 6,000
5720	Machinery & Equipment	Two-stage snow blower	Each	1	\$ 3,000	\$ 3,000

**Fiscal Year 2020 General Expenditures Worksheet**

<b>Cost Center Name:</b>	<b>Maintenance (23)</b>					
<b>Last Update:</b>						
<b>04/03/19</b>						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5720	Machinery & Equipment	Mower attachment to Bobcat	Lump sum	1	\$ 5,000	\$ 5,000
5720	Machinery & Equipment	Portable MIG Welder (Field Use)	Lump sum	1	\$ 1,275	\$ 1,275
5720	Machinery & Equipment	Water Softener - Maintenance Building	Lump sum	1	\$ 3,500	\$ 3,500
5720	Machinery & Equipment	Equipment tires	Lump sum	1	\$ 2,000	\$ 2,000
<b>5720 Total</b>					<b>\$</b>	<b>80,400</b>
5810	General Supplies	Janitorial - Paper Products	Lump sum	1	\$ 6,000	\$ 6,000
5810	General Supplies	Janitorial - Cleaning Supplies	Lump sum	1	\$ 3,300	\$ 3,300
5810	General Supplies	Furniture	Lump sum	1	\$ 2,000	\$ 2,000
5810	General Supplies	Flags/Repairs	Lump sum	1	\$ 260	\$ 260
<b>5810 Total</b>					<b>\$</b>	<b>11,560</b>
5830	Materials	Hose Supplies (Fire, Peristaltic Pump Hose, etc.)	Lump sum	1	\$ 3,500	\$ 3,500
5830	Materials	Air System Parts	Lump sum	1	\$ 850	\$ 850
5830	Materials	Chlorine Parts	Lump sum	1	\$ 23,050	\$ 23,050
5830	Materials	Polymer Feeder Parts	Lump sum	1	\$ 8,200	\$ 8,200
5830	Materials	Pump, Parts	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	Pipe, Tubing, Fittings & Valves	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	Ozone Parts	Lump sum	1	\$ 7,500	\$ 7,500
5830	Materials	Fasteners	Lump sum	1	\$ 500	\$ 500
5830	Materials	Oil Test Kits	Lump sum	1	\$ 2,000	\$ 2,000
5830	Materials	Welding Supplies	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	Irrigation Meter Parts	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	Screen Rake Parts	Lump sum	1	\$ 500	\$ 500
5830	Materials	V-belts, HVAC	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	Shop Stock Steel (aqueduct gate material)	Lump sum	1	\$ 6,000	\$ 6,000
5830	Materials	Lubrication Supplies	Lump sum	1	\$ 2,000	\$ 2,000
5830	Materials	HVAC Filters	Lump sum	1	\$ 5,300	\$ 5,300
5830	Materials	Steam Traps & Parts	Lump sum	1	\$ 12,700	\$ 12,700
5830	Materials	Light Bulbs	Lump sum	1	\$ 4,000	\$ 4,000
5830	Materials	Traveling Screen Parts	Lump sum	1	\$ 500	\$ 500
5830	Materials	Golf Cart Maintenance (Tires, Batteries, Repairs, etc.)	Lump sum	1	\$ 3,000	\$ 3,000
5830	Materials	Miscellaneous batteries	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	Dumping Fees	Lump sum	1	\$ 3,000	\$ 3,000
5830	Materials	Concrete repair supplies	Lump sum	1	\$ 1,000	\$ 1,000
5830	Materials	General Expendables (nuts, bolts, saw blades, tape, etc.)	Lump sum	1	\$ 10,500	\$ 10,500
5830	Materials	Backflow Preventer Repair Parts	Lump sum	1	\$ 500	\$ 500
<b>5830 Total</b>					<b>\$</b>	<b>100,600</b>
5840	Chemicals	Boiler chemicals	Lump sum	1	\$ 3,000	\$ 3,000
5840	Chemicals	Acid, cleaning	Lump sum	1	\$ 600	\$ 600
<b>5840 Total</b>					<b>\$</b>	<b>3,600</b>
5904	Rent Expense	Track hoe	Each	3	\$ 1,150	\$ 3,450
5904	Rent Expense	Dozer/Ripper	Weekly	2	\$ 2,150	\$ 4,300
5904	Rent Expense	Stump grinder	Each	2	\$ 250	\$ 500
5904	Rent Expense	Machine rental (excavator) - Road re-establishment along SLA	Weekly	2	\$ 1,000	\$ 2,000
5904	Rent Expense	Wheel Loader - Drying beds	Weekly	4	\$ 3,000	\$ 12,000
<b>5904 Total</b>					<b>\$</b>	<b>22,250</b>
5906	Postage & Freight Expense	Postage & Freight Expense	Lump sum	1	\$ -	\$ -
<b>5906 Total</b>					<b>\$</b>	<b>-</b>
5911	Laundry	Uniforms/Coveralls	Lump sum	1	\$ 4,000	\$ 4,000
5911	Laundry	Uniforms, New employee	Lump sum	1	\$ 1,000	\$ 1,000
5911	Laundry	Cleaning Supplies	Lump sum	1	\$ 500	\$ 500
<b>5911 Total</b>					<b>\$</b>	<b>5,500</b>
5913	Safety	Safety Shoes/Boots	Each	21	\$ 100	\$ 2,100
5913	Safety	Safety Shoes/boots - Seasonal	Each	3	\$ 75	\$ 225
5913	Safety	Rubber Boot Replacements	Each	6	\$ 30	\$ 180
5913	Safety	Safety Glasses, Goggles	Each	5	\$ 200	\$ 1,000
5913	Safety	PPE (Personal Protective Equipment) - Miscellaneous	Lump sum	1	\$ 700	\$ 700
5913	Safety	Hard Hats	Each	12	\$ 27	\$ 324
5913	Safety	Rain Gear	Each	12	\$ 77	\$ 924
5913	Safety	Barricades, Signs & Traffic Cones	Lump sum	1	\$ 500	\$ 500
<b>5913 Total</b>					<b>\$</b>	<b>5,953</b>

**Metropolitan Water District of Salt Lake & Sandy**  
**Fiscal Year 2020**  
**INFORMATION SERVICES (24)**  
**Last Update:**  
**03/26/19**

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	1,009,337	1,069,897	997,357	1,025,530	931,531	542,747	58.26%	55.88%	923,531	(8,000)	1,059,892	13.78%
5120	Overtime Premium	3,019	1,915	2,895	2,610	2,711	3,038	112.08%	55.50%	4,245	1,534	2,711	0.00%
5170	On Call Pay	5,490	5,475	5,475	5,480	5,475	3,045	55.62%	56.20%	5,443	(32)	5,475	0.00%
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	79,316	82,344	77,181	79,614	72,300	41,260	57.07%	55.69%	71,679	(621)	82,167	13.65%
	<b>Salaries and Wages</b>	<b>1,097,162</b>	<b>1,159,631</b>	<b>1,082,908</b>	<b>1,113,234</b>	<b>1,012,017</b>	<b>590,090</b>	<b>58.31%</b>		<b>1,004,898</b>	<b>(7,119)</b>	<b>1,150,245</b>	<b>13.66%</b>
5310	Retirement Plan	215,365	223,088	209,710	216,055	196,366	119,092	60.65%	57.64%	194,625	(1,741)	222,232	13.17%
5320	Medical Insurance Premiums	235,458	270,303	264,113	256,625	254,275	147,466	57.99%	58.04%	254,160	(115)	299,576	17.82%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	7,486	7,694	7,591	7,590	6,922	4,457	64.39%	57.37%	7,408	486	7,706	11.33%
	<b>Employee Benefits</b>	<b>458,309</b>	<b>501,085</b>	<b>481,414</b>	<b>480,270</b>	<b>457,563</b>	<b>271,015</b>	<b>59.23%</b>		<b>456,193</b>	<b>(1,370)</b>	<b>529,514</b>	<b>15.72%</b>
5340	Meetings & Seminars	4,942	5,876	17,698	9,506	17,532	1,840	10.50%	14.47%	17,532	-	17,532	0.00%
	<b>Employee Training</b>	<b>4,942</b>	<b>5,876</b>	<b>17,698</b>	<b>9,506</b>	<b>17,532</b>	<b>1,840</b>	<b>10.50%</b>		<b>17,532</b>	<b>-</b>	<b>17,532</b>	<b>0.00%</b>
5410	Business Travel	7,189	14,574	16,677	12,813	18,000	3,408	18.93%	67.39%	18,000	-	18,000	0.00%
5430	Vehicle O & M	946	1,151	919	1,005	1,095	351	32.09%	63.80%	748	(347)	725	-33.79%
	<b>Transportation</b>	<b>8,135</b>	<b>15,725</b>	<b>17,596</b>	<b>13,818</b>	<b>19,095</b>	<b>3,759</b>	<b>19.69%</b>		<b>18,748</b>	<b>(347)</b>	<b>18,725</b>	<b>-1.94%</b>
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	293,984	229,430	325,682	283,032	325,550	55,088	16.92%	29.23%	325,550	-	349,390	7.32%
5540	Other	23,118	59,312	21,404	34,611	26,680	7,897	29.60%	38.84%	24,214	(2,466)	26,800	0.45%
	<b>Professional Services</b>	<b>317,102</b>	<b>288,742</b>	<b>347,086</b>	<b>317,643</b>	<b>352,230</b>	<b>62,985</b>	<b>17.88%</b>		<b>349,764</b>	<b>(2,466)</b>	<b>376,190</b>	<b>6.80%</b>
5610	Telephone	6,470	6,400	6,278	6,383	6,720	3,360	50.00%	57.97%	6,720	-	6,720	0.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5640	Radio Communications	7,810	8,985	10,503	9,099	11,400	3,533	30.99%	46.78%	9,600	(1,800)	11,400	0.00%
5650	Water	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Utilities</b>	<b>14,280</b>	<b>15,385</b>	<b>16,781</b>	<b>15,482</b>	<b>18,120</b>	<b>6,893</b>	<b>38.04%</b>		<b>16,320</b>	<b>(1,800)</b>	<b>18,120</b>	<b>0.00%</b>
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	145,493	164,013	191,280	166,928	165,096	44,352	26.86%	47.28%	165,096	-	166,137	0.63%
	<b>Repairs and Maintenance</b>	<b>145,493</b>	<b>164,013</b>	<b>191,280</b>	<b>166,928</b>	<b>165,096</b>	<b>44,352</b>	<b>26.86%</b>		<b>165,096</b>	<b>-</b>	<b>166,137</b>	<b>0.63%</b>
5810	General Supplies	5,638	5,075	5,313	5,342	5,300	4,821	90.97%	47.70%	7,593	2,293	5,300	0.00%
5820	Office Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5830	Materials	53,339	51,283	50,526	51,716	54,532	25,321	46.43%	37.45%	59,430	4,898	54,982	0.83%
5840	Chemicals	8,454	13,007	13,462	11,641	14,792	9,256	62.58%	71.64%	13,451	(1,341)	14,960	1.14%
5850	Computer & Instr. Supplies	97,894	115,989	117,475	110,453	104,784	46,988	44.84%	69.85%	110,453	5,669	105,830	1.00%
	<b>Chemicals and Supplies</b>	<b>165,325</b>	<b>185,354</b>	<b>186,776</b>	<b>179,152</b>	<b>179,408</b>	<b>86,386</b>	<b>48.15%</b>		<b>190,927</b>	<b>11,519</b>	<b>181,072</b>	<b>0.93%</b>
5901	General Insurance	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5902	Administrative Fees	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5904	Rent Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5905	Miscellaneous	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5906	Postage & Freight Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5907	Contributions & Events	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5909	Depreciation Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5910	Interest Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5911	Laundry	1,960	1,788	1,508	1,752	1,905	1,656	86.95%	85.67%	1,656	(249)	1,905	0.00%
5913	Safety	4,111	3,065	1,523	2,900	4,303	200	4.65%	50.23%	2,342	(1,961)	4,303	0.00%
5914	Subscriptions & Publications	-	13	77	30	379	-	0.00%	85.09%	57	(322)	379	0.00%
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	-	750	750	500	1,000	-	0.00%	126.67%	1,000	-	1,000	0.00%
5917	Amortization Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Other Expenses</b>	<b>6,071</b>	<b>5,616</b>	<b>3,858</b>	<b>5,182</b>	<b>7,587</b>	<b>1,856</b>	<b>24.46%</b>		<b>5,055</b>	<b>(2,532)</b>	<b>7,587</b>	<b>0.00%</b>
	<b>Total Expenses</b>	<b>2,216,819</b>	<b>2,341,427</b>	<b>2,345,397</b>	<b>2,301,215</b>	<b>2,228,648</b>	<b>1,069,176</b>	<b>47.97%</b>		<b>2,224,533</b>	<b>(4,115)</b>	<b>2,465,122</b>	<b>10.61%</b>
				<b>Excluding personnel costs</b>		<b>759,068</b>						<b>785,363</b>	<b>3.46%</b>

Fiscal Year 2020 General Expenditures Worksheet						
Cost Center Name:	Information Services (24)					
Last Update:						
03/26/19						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (13 FTEs)	Pay Period	26	\$ 40,765	\$ 1,059,892
<b>5110 Total</b>						<b>\$ 1,059,892</b>
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 104	\$ 2,711
<b>5120 Total</b>						<b>\$ 2,711</b>
5170	On Call Pay	On Call Pay	Daily	365	\$ 15	\$ 5,475
<b>5170 Total</b>						<b>\$ 5,475</b>
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 3,160	\$ 82,167
<b>5210 Total</b>						<b>\$ 82,167</b>
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 8,547	\$ 222,232
<b>5310 Total</b>						<b>\$ 222,232</b>
5320	Medical Insurance Premiums	Insurance premiums (Dental, Medical, and H.S.A. Contribution)	Monthly	12	\$ 24,965	\$ 299,576
<b>5320 Total</b>						<b>\$ 299,576</b>
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 642	\$ 7,706
<b>5350 Total</b>						<b>\$ 7,706</b>
5340	Meetings & Seminars	Process Control/Supervisory Control And Data Acquisition (PC/S) configuration and maintenance training	Each	1	\$ 3,000	\$ 3,000
5340	Meetings & Seminars	Microsoft server training	Each	1	\$ 3,000	\$ 2,700
5340	Meetings & Seminars	Pluralsight online Training	Each	4	\$ 260	\$ 1,040
5340	Meetings & Seminars	SaintCon--cyber security	Each	4	\$ 300	\$ 1,200
5340	Meetings & Seminars	Bsides--cyber security	Each	2	\$ 100	\$ 200
5340	Meetings & Seminars	Instrumentation, control system, and electrical system safety, troubleshooting, maintenance, and calibration	Each	4	\$ 1,060	\$ 4,240
5340	Meetings & Seminars	Electrical code training	Each	2	\$ 1,500	\$ 3,000
5340	Meetings & Seminars	Nace CP2 cathodic tester	Each	1	\$ 1,552	\$ 1,552
5340	Meetings & Seminars	Refreshments for IS meetings and training	Lump sum	1	\$ 300	\$ 300
5340	Meetings & Seminars	Operator Certification Renewals	Each	2	\$ 150	\$ 300
<b>5340 Total</b>						<b>\$ 17,532</b>
5410	Business Travel	PC/S and Enterprise cyber security training and certifications	Each	2	\$ 5,400	\$ 10,800
5410	Business Travel	PC/S and Enterprise cyber security conference	Each	1	\$ 5,600	\$ 5,600
5410	Business Travel	Water and Wastewater CIO Forum Conference and training	Each	1	\$ 1,600	\$ 1,600
<b>5410 Total</b>						<b>\$ 18,000</b>
5430	Vehicle O&M	Mileage reimbursement	Miles	1250	\$ 0.58	\$ 725
<b>5430 Total</b>						<b>\$ 725</b>
5530	Contract Services	AutoCAD renewal (1 full license)	Each	1	\$ 600	\$ 600
5530	Contract Services	E-mail security and anti-spam software renewal	Lump sum	1	\$ 800	\$ 800
5530	Contract Services	Server, workstation, and e-mail antivirus and cyber firewall software renewals	Lump sum	1	\$ 3,500	\$ 3,500
5530	Contract Services	Maintenance renewal and additional licenses for the District's web filtering server	Lump sum	1	\$ 2,000	\$ 2,000
5530	Contract Services	Virtual machine client software renewals and additional licenses	Lump sum	1	\$ 900	\$ 900
5530	Contract Services	Virtual machine server administration and data backup software renewals and additional licenses	Lump sum	1	\$ 35,400	\$ 35,400
5530	Contract Services	Remote administration software renewal	Lump sum	1	\$ 900	\$ 900
5530	Contract Services	Web development software renewal	Lump sum	1	\$ 800	\$ 800
5530	Contract Services	Cyber security analysis and intrusion detection software renewals	Lump sum	1	\$ 3,340	\$ 3,340
5530	Contract Services	PC/S human machine software interface (HMI) software licenses, renewals, and maintenance	Lump sum	1	\$ 49,000	\$ 49,000
5530	Contract Services	PC/S programmable logic controller (PLC) software licenses, renewals, and maintenance	Lump sum	1	\$ 19,000	\$ 19,000
5530	Contract Services	Enterprise Content Management (ECM)--software renewal	Lump sum	1	\$ -	\$ -
5530	Contract Services	Financial Information System (FIS) and Fixed Asset Software (FAS) renewal	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	Laboratory Information Management System (LIMS) software renewal	Lump sum	1	\$ 23,500	\$ 23,500
5530	Contract Services	Enterprise Asset Management (EAM) software renewal	Lump sum	1	\$ 6,500	\$ 6,500
5530	Contract Services	New server operating system licenses	Lump sum	1	\$ 23,800	\$ 23,800
5530	Contract Services	Desktop PC operating system, server client access, and office software license renewals, upgrades, and purchases	Lump sum	1	\$ 5,900	\$ 5,900
5530	Contract Services	Computer programming software library	Lump sum	1	\$ 2,000	\$ 2,000
5530	Contract Services	GIS software licenses, renewals, and maintenance	Lump sum	1	\$ 6,500	\$ 6,500
5530	Contract Services	SmartNet maintenance and service renewal for Cisco equipment (PC/S switches, PC/S routers, Voice over Internet Protocol (VoIP), Security Control Systems (SCS) network, etc.)	Lump sum	1	\$ 9,000	\$ 9,000
5530	Contract Services	Document management scanner hardware renewals	Lump sum	1	\$ 1,000	\$ 1,000
5530	Contract Services	Document management system--support services	Lump sum	1	\$ 4,500	\$ 4,500
5530	Contract Services	Security System software renewal	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	Security Camera software renewal	Lump sum	1	\$ 6,000	\$ 6,000
5530	Contract Services	Ozone system instrumentation and electrical equipment repair, calibration, and support services	Lump sum	1	\$ 8,800	\$ 8,800
5530	Contract Services	Instrumentation maintenance, consulting, communications, and support services	Lump sum	1	\$ 10,000	\$ 10,000
5530	Contract Services	PC/S programming services	Lump sum	1	\$ 20,000	\$ 20,000
5530	Contract Services	EAM implementation consulting, programming, and support services	Lump sum	1	\$ 1,500	\$ 1,500
5530	Contract Services	Heating, Ventilation, and Air Conditioning (HVAC) control system maintenance contracts and support	Lump sum	1	\$ 900	\$ 900
5530	Contract Services	Uninterruptible Power Supply (UPS) service contracts and maintenance	Lump sum	1	\$ 4,600	\$ 4,600
5530	Contract Services	Fire alarm system maintenance and support services	Lump sum	1	\$ 6,100	\$ 6,100
5530	Contract Services	Point of the Mountain Water Treatment Plant (POMWTP) Finished Water Pump Station (FWPS) variable frequency drives--emergency repairs and services	Lump sum	1	\$ 10,000	\$ 10,000
5530	Contract Services	Cathodic protection annual survey (aqueducts and water treatment plants)	Lump sum	1	\$ 14,000	\$ 14,000
5530	Contract Services	Cathodic protection HD survey (aqueducts and water treatment plants)	Lump sum	1	\$ 14,500	\$ 14,500
5530	Contract Services	Telephone system maintenance, ISP services, and Web hosting services	Lump sum	1	\$ 14,400	\$ 14,400
5530	Contract Services	IT network hardware/software consulting, configuration, and security services	Lump sum	1	\$ 10,300	\$ 10,300
5530	Contract Services	Server, desktop, and laptop PCs maintenance and service renewals	Lump sum	1	\$ 13,950	\$ 13,950
5530	Contract Services	Electronics disposal/recycling services	Lump sum	1	\$ 500	\$ 500
5530	Contract Services	Copier maintenance contracts	Lump sum	1	\$ 4,900	\$ 4,900
<b>5530 Total</b>						<b>\$ 349,390</b>
5540	Other	SCS maintenance and support services	Lump sum	1	\$ 18,200	\$ 18,200

Fiscal Year 2020 General Expenditures Worksheet						
Cost Center Name:	Information Services (24)					
Last Update:						
03/26/19						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5540	Other	Little Cottonwood Water Treatment Plant (LCWTP)--SCS camera end of life replacements for operations and security	Each	2	\$ 4,000	\$ 8,000
5540	Other	LCWTP--SCS camera monitor replacement	Lump sum	1	\$ -	\$ -
5540	Other	SCS controller battery replacements	Each	1	\$ 600	\$ 600
<b>5540 Total</b>						<b>\$ 26,800</b>
5610	Telephone	Mobile phone allowances (12)	Monthly	12	\$ 560	\$ 6,720
<b>5610 Total</b>						<b>\$ 6,720</b>
5640	Radio Communications	Oquirrh Mountain repeater site lease fees and FCC frequency renewals--PC/S and voice radio systems	Monthly	12	\$ 475	\$ 5,700
5640	Radio Communications	Utah Communication Agency Network (UCAN) services	Quarterly	4	\$ 700	\$ 2,800
5640	Radio Communications	PC/S RTU and other District licensed radio equipment repairs and replacements	Lump sum	1	\$ 2,900	\$ 2,900
<b>5640 Total</b>						<b>\$ 11,400</b>
5720	Machinery & Equipment	Ozone system instrumentation and controls repairs and replacement parts	Lump sum	1	\$ 13,200	\$ 13,400
5720	Machinery & Equipment	PC/S Programmable Logic Controller (PLC) replacement parts (plant PLCs, Remote Telemetry Units (RTUs), etc.)	Lump sum	1	\$ 12,500	\$ 13,200
5720	Machinery & Equipment	Ozone generator dielectrics--replace 1088/year	Each	1088	\$ 46	\$ 49,504
5720	Machinery & Equipment	Ultrasonic flow meter replacement probes and spare parts	Lump sum	1	\$ 4,700	\$ 4,700
5720	Machinery & Equipment	Water quality instrument replacement parts and calibration equipment	Lump sum	1	\$ 30,598	\$ 30,598
5720	Machinery & Equipment	POMWTP ultraviolet (UV) lamps--400 total--replace 50/year	Each	25	\$ 179	\$ 4,475
5720	Machinery & Equipment	POMWTP UV boards/ballasts, quartz tubes, instrumentation, and spectrophotometer replacement parts	Lump sum	1	\$ 6,750	\$ 6,750
5720	Machinery & Equipment	Actuator replacement parts	Lump sum	1	\$ 14,240	\$ 14,240
5720	Machinery & Equipment	Headloss differential pressure meter replacements for LCWTP filters	Each	4	\$ 2,400	\$ 9,600
5720	Machinery & Equipment	Confined space monitoring equipment cell sensors	Each	1	\$ 1,200	\$ 1,200
5720	Machinery & Equipment	PC/S controls replacement parts, repairs, and accessories (batteries, relays, power backup, and electrical controls components, etc.)	Lump sum	1	\$ 18,470	\$ 18,470
<b>5720 Total</b>						<b>\$ 166,137</b>
5810	General Supplies	I&E tools and equipment	Lump sum	1	\$ 4,900	\$ 4,900
5810	General Supplies	IT tools and equipment	Lump sum	1	\$ 400	\$ 400
<b>5810 Total</b>						<b>\$ 5,300</b>
5830	Materials	Electrical materials and supplies (conduit, parts, fuses, etc.)	Lump sum	1	\$ 4,060	\$ 4,060
5830	Materials	Electrical motor replacements	Lump sum	1	\$ 4,000	\$ 4,000
5830	Materials	Emergency lights and batteries (power outages, etc.)	Each	1	\$ 768.0	\$ 768
5830	Materials	LED light ballasts	Lump sum	1	\$ 5,000	\$ 5,000
5830	Materials	LED light fixtures	Each	30	\$ 195	\$ 5,700
5830	Materials	Building heater replacements	Each	2	\$ 900	\$ 1,800
5830	Materials	POMWTP surge protectors	Each	2	\$ 3,200	\$ 6,400
5830	Materials	Fuses for electrical gear	Lump sum	1	\$ 750	\$ 750
5830	Materials	UPS battery replacements for POMWTP systems	Lump sum	1	\$ 25,700	\$ 25,700
5830	Materials	Small UPS replacements	Each	1	\$ 804	\$ 804
<b>5830 Total</b>						<b>\$ 54,982</b>
5840	Chemicals	Fluoride analyzer buffer & analyzer solutions	Lump sum	1	\$ 3,000	\$ 3,000
5840	Chemicals	Chlorine analyzer buffer & analyzer solutions	Each	220	\$ 38	\$ 8,360
5840	Chemicals	Other instrumentation operating and calibration chemicals (ozone systems, TOC, turbidimeters, etc.)	Lump sum	1	\$ 3,600	\$ 3,600
<b>5840 Total</b>						<b>\$ 14,960</b>
5850	Computer & Instr. Supplies	Server racks/enclosures, network cables, and related equipment	Lump sum	1	\$ 3,500	\$ 3,500
5850	Computer & Instr. Supplies	Desktop Server--3 end of life replacements	Each	2	\$ 1,500	\$ 3,000
5850	Computer & Instr. Supplies	Desktop Workstation--4 end of life replacements	Each	4	\$ 600	\$ 2,400
5850	Computer & Instr. Supplies	Thin client computer--10 end of life replacements	Each	10	\$ 225	\$ 2,250
5850	Computer & Instr. Supplies	Tablet computer--new and replacements	Each	2	\$ 750	\$ 1,500
5850	Computer & Instr. Supplies	Laptop computer--replacement	Each	2	\$ 1,550	\$ 3,100
5850	Computer & Instr. Supplies	Desktop computer monitors--end of life replacements	Each	20	\$ 250	\$ 5,000
5850	Computer & Instr. Supplies	Replacement server computers (PC/S, Enterprise, and SCS)	Each	1	\$ 2,500	\$ 2,500
5850	Computer & Instr. Supplies	Server computer replacement parts and upgrades (memory, power supplies, network accessories, etc.--PC/S, Enterprise, and SCS)	Lump sum	1	20500	\$ 20,500
5850	Computer & Instr. Supplies	Server computer replacement hard drives (PC/S, Enterprise, and SCS)	Lump sum	40	625	\$ 25,000
5850	Computer & Instr. Supplies	Desktop, laptop, and tablet computer replacement parts and upgrades (hard drives, memory, power supplies, accessories, etc.--PC/S, Enterprise, and SCS)	Lump sum	1	\$ 7,500	\$ 7,500
5850	Computer & Instr. Supplies	PC/S, Enterprise, and SCS network hardware and parts (new and replacements)	Lump sum	1	\$ 20,100	\$ 20,100
5850	Computer & Instr. Supplies	PC/S, Enterprise, and SCS network security equipment (new and replacements)	Lump sum	1	\$ 3,000	\$ 3,000
5850	Computer & Instr. Supplies	UPS equipment and batteries for PC/S and Enterprise servers	Lump sum	1	\$ 80	\$ 80
5850	Computer & Instr. Supplies	PC/S and Enterprise network data backup system replacement equipment and parts	Lump sum	1	\$ 3,500	\$ 3,500
5850	Computer & Instr. Supplies	Printer equipment replacements	Lump sum	1	\$ 900	\$ 900
5850	Computer & Instr. Supplies	Phone system hardware--new and replacement parts	Lump sum	1	\$ 2,000	\$ 2,000
<b>5850 Total</b>						<b>\$ 105,830</b>
5911	Laundry	Uniforms	Lump sum	1	\$ 1,905	\$ 1,905
<b>5911 Total</b>						<b>\$ 1,905</b>
5913	Safety	Safety shoes (12 FTEs)	Employee	12	\$ 100	\$ 1,200
5913	Safety	Arc flash electrical safety tools	Lump sum	1	\$ 900	\$ 900
5913	Safety	Personal protective equipment	Lump sum	1	\$ 2,203	\$ 2,203
<b>5913 Total</b>						<b>\$ 4,303</b>
5914	Subscriptions & Publications	Information Technology	Lump sum	1	\$ 379	\$ 379
<b>5914 Total</b>						<b>\$ 379</b>
5916	Dues & Membership	Association for Information Management	Each	1	\$ 250	\$ 250
5916	Dues & Membership	Water and Wastewater CIO Forum	Each	1	\$ 750	\$ 750
<b>5916 Total</b>						<b>\$ 1,000</b>

## Metropolitan Water District of Salt Lake &amp; Sandy

Fiscal Year 2020

ENGINEERING (25)

Last Update:

03/04/19

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	342,522	442,527	569,120	451,390	605,893	308,996	51.00%	53.70%	548,011	(57,882)	644,701	6.41%
5120	Overtime Premium	-	-	692	231	1,500	47	3.16%	70.72%	487	(1,013)	1,500	0.00%
5170	On Call Pay	-	315	420	245	-	-	N/A	57.14%	-	-	-	N/A
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	26,532	33,939	44,257	34,909	46,039	23,324	50.66%	54.15%	44,433	(1,606)	48,594	5.55%
	<b>Salaries and Wages</b>	<b>370,074</b>	<b>476,781</b>	<b>614,489</b>	<b>487,115</b>	<b>653,432</b>	<b>332,367</b>	<b>50.86%</b>		<b>592,931</b>	<b>(60,501)</b>	<b>694,795</b>	<b>6.33%</b>
5310	Retirement Plan	75,530	90,328	123,195	96,351	128,940	68,757	53.32%	56.22%	125,207	(3,733)	136,600	5.94%
5320	Medical Insurance Premiums	80,100	104,002	168,605	117,569	182,386	101,756	55.79%	56.55%	181,003	(1,383)	200,926	10.17%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	2,314	2,902	4,480	3,232	4,624	2,342	50.64%	55.08%	4,419	(205)	4,796	3.72%
	<b>Employee Benefits</b>	<b>157,944</b>	<b>197,232</b>	<b>296,280</b>	<b>217,152</b>	<b>315,950</b>	<b>172,855</b>	<b>54.71%</b>		<b>310,629</b>	<b>(5,321)</b>	<b>342,322</b>	<b>8.35%</b>
5340	Meetings & Seminars	1,164	262	1,373	933	3,970	3,073	77.41%	81.09%	4,218	248	4,385	10.45%
	<b>Employee Training</b>	<b>1,164</b>	<b>262</b>	<b>1,373</b>	<b>933</b>	<b>3,970</b>	<b>3,073</b>	<b>77.41%</b>		<b>4,218</b>	<b>248</b>	<b>4,385</b>	<b>10.45%</b>
5410	Business Travel	2,219	891	3,723	2,278	-	-	N/A	61.20%	-	-	-	N/A
5430	Vehicle O & M	1,349	1,478	945	1,258	1,100	118	10.75%	53.03%	635	(465)	174	-84.18%
	<b>Transportation</b>	<b>3,568</b>	<b>2,369</b>	<b>4,668</b>	<b>3,536</b>	<b>1,100</b>	<b>118</b>	<b>10.73%</b>		<b>635</b>	<b>(465)</b>	<b>174</b>	<b>-84.18%</b>
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	109,854	123,599	79,937	104,463	161,350	73,164	45.35%	42.54%	161,350	-	182,800	13.29%
5540	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Professional Services</b>	<b>109,854</b>	<b>123,599</b>	<b>79,937</b>	<b>104,463</b>	<b>161,350</b>	<b>73,164</b>	<b>45.34%</b>		<b>161,350</b>	<b>-</b>	<b>182,800</b>	<b>13.29%</b>
5610	Telephone	1,680	2,355	3,625	2,553	3,840	2,000	52.08%	54.37%	3,752	(88)	3,840	0.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Utilities</b>	<b>1,680</b>	<b>2,355</b>	<b>3,625</b>	<b>2,553</b>	<b>3,840</b>	<b>2,000</b>	<b>52.08%</b>		<b>3,752</b>	<b>(88)</b>	<b>3,840</b>	<b>0.00%</b>
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	-	-	-	-	3,579	4,075	113.87%	0.00%	3,579	-	-	-100.00%
	<b>Repairs and Maintenance</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,579</b>	<b>4,075</b>	<b>113.86%</b>		<b>3,579</b>	<b>-</b>	<b>-</b>	<b>-100.00%</b>
5810	General Supplies	-	756	737	497	1,500	502	33.48%	25.48%	1,620	120	1,500	0.00%
5820	Office Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5830	Materials	-	145	1,610	585	-	-	N/A	14.36%	-	-	-	N/A
5840	Chemicals	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Chemicals and Supplies</b>	<b>-</b>	<b>901</b>	<b>2,347</b>	<b>1,082</b>	<b>1,500</b>	<b>502</b>	<b>33.47%</b>		<b>1,620</b>	<b>120</b>	<b>1,500</b>	<b>0.00%</b>
5901	General Insurance	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5902	Administrative Fees	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5904	Rent Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5905	Miscellaneous	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5906	Postage & Freight Exp.	-	430	-	143	1,000	-	0.00%	0.00%	1,000	-	1,000	0.00%
5907	Contributions & Events	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5909	Depreciation Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5910	Interest Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5911	Laundry	201	232	739	390	775	647	83.54%	80.23%	647	(128)	1,000	29.03%
5913	Safety	90	300	850	413	1,400	-	0.00%	0.00%	1,400	-	1,000	-28.57%
5914	Subscriptions & Publications	166	-	439	202	500	-	0.00%	28.79%	356	(144)	500	0.00%
5915	Outside Printing	22	532	-	185	1,200	-	0.00%	3.99%	1,152	(48)	1,200	0.00%
5916	Dues & Memberships	1,462	959	692	1,038	855	73	8.54%	49.48%	505	(350)	500	-41.52%
5917	Amortization Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Other Expenses</b>	<b>1,941</b>	<b>2,453</b>	<b>2,720</b>	<b>2,371</b>	<b>5,730</b>	<b>720</b>	<b>12.57%</b>		<b>5,060</b>	<b>(670)</b>	<b>5,200</b>	<b>-9.25%</b>
	<b>Total Expenses</b>	<b>646,225</b>	<b>805,952</b>	<b>1,005,439</b>	<b>819,205</b>	<b>1,150,451</b>	<b>588,874</b>	<b>51.19%</b>		<b>1,083,774</b>	<b>(66,677)</b>	<b>1,235,016</b>	<b>7.35%</b>
				<b>Excluding personnel costs</b>		<b>181,069</b>						<b>197,899</b>	<b>9.29%</b>

<b>Fiscal Year 2020 General Expenditures Worksheet</b>						
<b>Cost Center Name:</b>	<b>Engineering (25)</b>					
<b>Last Update:</b>						
<b>03/15/19</b>						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (8 FTEs)	Pay Period	26	\$ 24,796.19	\$ 644,701
<b>5110 Total</b>						<b>\$ 644,701</b>
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 1,869	\$ 48,594
<b>5210 Total</b>						<b>\$ 48,594</b>
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 5,254	\$ 136,600
<b>5310 Total</b>						<b>\$ 136,600</b>
5320	Medical Insurance Premiums	Insurance premiums (Dental, Medical, and H.S.A. Contribution)	Monthly	12	\$ 16,744	\$ 200,926
<b>5320 Total</b>						<b>\$ 200,926</b>
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 400	\$ 4,796
<b>5350 Total</b>						<b>\$ 4,796</b>
5340	Meetings & Seminars	Local Seminars	Lump sum	1	\$ 900	\$ 900
5340	Meetings & Seminars	Advanced Underground Pipe and Cable Locating Seminar	Each	1	\$ 225	\$ 225
5340	Meetings & Seminars	AWWA Leadership Forum	Each	2	\$ 675	\$ 1,350
5340	Meetings & Seminars	Utah APWA Fall Conference	Each	2	\$ 185	\$ 370
5340	Meetings & Seminars	Staking University	Each	2	\$ 695	\$ 1,390
5340	Meetings & Seminars	Operator Certification Renewals	Each	1	\$ 150	\$ 150
<b>5340 Total</b>						<b>\$ 4,385</b>
5410	Business Travel					\$ -
<b>5410 Total</b>						<b>\$ -</b>
5430	Vehicle O&M	Mileage reimbursement	Miles	300	\$ 0.58	\$ 174
<b>5430 Total</b>						<b>\$ 174</b>
5530	Contract Services	Professional Services - Engineering	Lump sum	1	\$ 75,000	\$ 75,000
5530	Contract Services	Professional Services - Survey (ROW, Annexation/De-annexation)	Lump sum	1	\$ 100,000	\$ 100,000
5530	Contract Services	Appraisals--ROW Encroachments	Lump sum	1	\$ 2,000	\$ 2,000
5530	Contract Services	Blue Stakes	Monthly	12	\$ 275	\$ 3,300
5530	Contract Services	Boss811 (Blue Stake ticket management)	Annual	1	\$ 2,000	\$ 2,000
5530	Contract Services	Graphic Design (ROW Newsletter)	Lump sum	1	\$ 500	\$ 500
<b>5530 Total</b>						<b>\$ 182,800</b>
5610	Telephone	Mobile Phone Allowances (8)	Monthly	12	\$ 320	\$ 3,840
<b>5610 Total</b>						<b>\$ 3,840</b>
5810	General Supplies	Aqueduct Inspector Supplies	Lump sum	1	\$ 1,500	\$ 1,500
5810	Office Furniture	Office Furniture (Aqueduct Inspector's)	Lump sum	1	\$ 1,500	\$ 1,500
<b>5810 Total</b>						<b>\$ 1,500</b>
5906	Postage & Freight Expense	Licensing Program Mailers	Lump sum	1	\$ 1,000	\$ 1,000
<b>5906 Total</b>						<b>\$ 1,000</b>
5911	Laundry	Uniforms & Supplies	Lump sum	1	\$ 1,000	\$ 1,000
<b>5911 Total</b>						<b>\$ 1,000</b>
5913	Safety	Safety Shoes/Boots	Each	4	\$ 100	\$ 400
5913	Safety	Safety Glasses, Goggles	Each	3	\$ 200	\$ 600
<b>5913 Total</b>						<b>\$ 1,000</b>
5914	Subscriptions & Publications	Subscriptions & Publications	Lump sum	1	\$ 500	\$ 500
<b>5914 Total</b>						<b>\$ 500</b>
5915	Outside Printing	Licensing Program Mailers	Lump sum	1	\$ 1,200	\$ 1,200
<b>5915 Total</b>						<b>\$ 1,200</b>
5916	Dues & Membership	Professional Memberships	Lump sum	1	\$ 500	\$ 500
<b>5916 Total</b>						<b>\$ 500</b>

Metropolitan Water District of Salt Lake & Sandy  
Fiscal Year 2020  
LAB (50)  
Last Update:  
04/03/19

Account	Description	Actual FY 2016	Actual FY 2017	Actual FY 2018	3-Year Average (FY 2016-2018)	Budget FY 2019	Actual 1/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2019	Projected Spend to Budget over/(under) for FY 2019	Budget FY 2020	% Change from FY 2019 Budget
5110	Salary & Wage Exp.	488,276	385,996	390,672	421,648	417,379	229,344	54.95%	60.06%	396,045	(21,334)	435,084	4.24%
5120	Overtime Premium	1,195	1,904	1,200	1,433	1,170	1,052	89.91%	58.21%	1,541	371	1,482	26.67%
5170	On Call Pay	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	36,564	29,144	28,847	31,518	32,225	17,104	53.08%	60.75%	29,752	(2,473)	33,609	4.30%
	<b>Salaries and Wages</b>	<b>526,035</b>	<b>417,044</b>	<b>420,719</b>	<b>454,599</b>	<b>450,774</b>	<b>247,500</b>	<b>54.91%</b>		<b>427,338</b>	<b>(23,436)</b>	<b>470,175</b>	<b>4.30%</b>
5310	Retirement Plan	105,993	80,309	81,080	89,127	88,113	46,538	52.82%	62.08%	79,951	(8,162)	91,931	4.33%
5320	Medical Insurance Premiums	115,650	90,020	98,116	101,262	108,693	62,741	57.72%	59.72%	106,523	(2,170)	109,513	0.75%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	4,475	3,254	3,215	3,648	3,404	1,954	57.42%	59.64%	3,328	(76)	3,510	3.10%
	<b>Employee Benefits</b>	<b>226,118</b>	<b>173,583</b>	<b>182,411</b>	<b>194,037</b>	<b>200,210</b>	<b>111,233</b>	<b>55.56%</b>		<b>189,802</b>	<b>(10,408)</b>	<b>204,954</b>	<b>2.37%</b>
5340	Meetings & Seminars	1,169	1,586	1,108	1,288	1,600	1,207	75.41%	76.11%	1,589	(11)	1,250	-21.88%
	<b>Employee Training</b>	<b>1,169</b>	<b>1,586</b>	<b>1,108</b>	<b>1,288</b>	<b>1,600</b>	<b>1,207</b>	<b>75.44%</b>		<b>1,589</b>	<b>(11)</b>	<b>1,250</b>	<b>-21.88%</b>
5410	Business Travel	4,405	3,392	4,118	3,972	7,000	3,637	51.96%	100.00%	6,600	(400)	7,000	0.00%
5430	Vehicle O & M	151	249	136	178	107	46	43.28%	39.59%	111	4	113	5.70%
	<b>Transportation</b>	<b>4,556</b>	<b>3,641</b>	<b>4,254</b>	<b>4,150</b>	<b>7,107</b>	<b>3,683</b>	<b>51.82%</b>		<b>6,711</b>	<b>(396)</b>	<b>7,113</b>	<b>0.08%</b>
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	53,467	53,814	63,059	56,780	71,255	28,067	39.39%	50.14%	63,595	(7,660)	67,125	-5.80%
5540	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Professional Services</b>	<b>53,467</b>	<b>53,814</b>	<b>63,059</b>	<b>56,780</b>	<b>71,255</b>	<b>28,067</b>	<b>39.39%</b>		<b>63,595</b>	<b>(7,660)</b>	<b>67,125</b>	<b>-5.80%</b>
5610	Telephone	1,723	1,177	1,080	1,327	1,080	630	58.33%	60.84%	1,053	(27)	1,080	0.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Utilities</b>	<b>1,723</b>	<b>1,177</b>	<b>1,080</b>	<b>1,327</b>	<b>1,080</b>	<b>630</b>	<b>58.33%</b>		<b>1,053</b>	<b>(27)</b>	<b>1,080</b>	<b>0.00%</b>
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	7,418	12,233	8,178	9,276	9,000	866	9.62%	39.00%	6,356	(2,644)	9,000	0.00%
	<b>Repairs and Maintenance</b>	<b>7,418</b>	<b>12,233</b>	<b>8,178</b>	<b>9,276</b>	<b>9,000</b>	<b>866</b>	<b>9.62%</b>		<b>6,356</b>	<b>(2,644)</b>	<b>9,000</b>	<b>0.00%</b>
5810	General Supplies	348	-	140	163	908	18	1.98%	61.37%	369	(539)	5,000	450.66%
5820	Office Supplies	-	44	-	15	-	-	N/A	100.00%	-	-	-	N/A
5830	Materials	42,334	30,277	29,988	34,200	39,000	16,332	41.88%	45.38%	37,634	(1,366)	38,000	-2.56%
5840	Chemicals	34,055	53,031	50,836	45,974	52,000	38,076	73.22%	60.80%	58,460	6,460	56,000	7.69%
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Chemicals and Supplies</b>	<b>76,737</b>	<b>83,352</b>	<b>80,964</b>	<b>80,352</b>	<b>91,908</b>	<b>54,426</b>	<b>59.22%</b>		<b>96,463</b>	<b>4,555</b>	<b>99,000</b>	<b>7.72%</b>
5901	General Insurance	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5902	Administrative Fees	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5904	Rent Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5905	Miscellaneous	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5906	Postage & Freight Exp.	370	-	-	123	-	-	N/A	87.74%	-	-	-	N/A
5907	Contributions & Events	107,358	-	-	35,786	-	-	N/A	58.70%	-	-	-	N/A
5909	Depreciation Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5910	Interest Expense	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5911	Laundry	1,582	1,043	835	1,153	1,300	1,013	77.93%	79.93%	1,300	-	1,300	0.00%
5913	Safety	668	778	1,157	867	1,600	100	6.25%	26.57%	1,275	(325)	1,600	0.00%
5914	Subscriptions & Publications	519	264	241	341	300	-	0.00%	80.63%	58	(242)	300	0.00%
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	345	186	191	241	191	-	0.00%	113.85%	191	-	195	2.09%
5917	Amortization Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	<b>Other Expenses</b>	<b>110,842</b>	<b>2,271</b>	<b>2,424</b>	<b>38,512</b>	<b>3,391</b>	<b>1,113</b>	<b>32.82%</b>		<b>2,824</b>	<b>(567)</b>	<b>3,395</b>	<b>0.12%</b>
	<b>Total Expenses</b>	<b>1,008,065</b>	<b>748,701</b>	<b>764,197</b>	<b>840,321</b>	<b>836,325</b>	<b>448,725</b>	<b>53.65%</b>		<b>795,731</b>	<b>(40,594)</b>	<b>863,092</b>	<b>3.20%</b>
					<b>Excluding personnel costs</b>	<b>185,341</b>						<b>187,963</b>	<b>1.41%</b>

Fiscal Year 2020 General Expenditures Worksheet						
Cost Center Name:	Lab (50)					
Last Update:						
04/03/19						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (6 FTEs)	Pay Period	26	\$ 16,734	\$ 435,084
<b>5110 Total</b>						<b>\$ 435,084</b>
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 57	\$ 1,482
<b>5120 Total</b>						<b>\$ 1,482</b>
5170	On Call Pay	On Call Pay	Daily	0	\$ 15	\$ -
<b>5170 Total</b>						<b>\$ -</b>
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 1,293	\$ 33,609
<b>5210 Total</b>						<b>\$ 33,609</b>
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 3,536	\$ 91,931
<b>5310 Total</b>						<b>\$ 91,931</b>
5320	Medical Insurance Premiums	Insurance premiums (Dental, Medical, and H.S.A. Contribution)	Monthly	12	\$ 9,126	\$ 109,513
<b>5320 Total</b>						<b>\$ 109,513</b>
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 292	\$ 3,510
<b>5350 Total</b>						<b>\$ 3,510</b>
5340	Meetings & Seminars	Local seminars	Lump sum	1	\$ 200	\$ 200
5340	Meetings & Seminars	On-line training	Lump sum	1	\$ 250	\$ 250
5340	Meetings & Seminars	Operator Certification Renewals	Each	1	\$ 150	\$ 150
5340	Meetings & Seminars	Laboratory Certification Training Seminar	Each	2	\$ 100	\$ 200
5340	Meetings & Seminars	Refreshments for Lab meetings	Lump sum	1	\$ 450	\$ 450
<b>5340 Total</b>						<b>\$ 1,250</b>
5410	Business Travel	AWWA WQTC	Each	1	\$ 2,500	\$ 2,500
5410	Business Travel	AWWA Intermountain Section	Each	1	\$ 1,500	\$ 1,500
5410	Business Travel	Laboratory instrument specific training	Each	1	\$ 3,000	\$ 3,000
<b>5410 Total</b>						<b>\$ 7,000</b>
5430	Vehicle O&M	Mileage Reimbursement	Miles	195	\$ 0.58	\$ 113
<b>5430 Total</b>						<b>\$ 113</b>
5530	Contract Services	Laboratory Information Management System programming	Lump sum	1	\$ 10,000	\$ 10,000
5530	Contract Services	Gas Chromatograph Service Contract (THMs only)	Lump sum	1	\$ 4,523	\$ 4,523
5530	Contract Services	Inductively Coupled/Mass Spectrometer Service Contract	Lump sum	1	\$ 14,190	\$ 14,190
5530	Contract Services	Total Organic Carbon Instrument Preventive Maintenance	Lump sum	1	\$ 2,000	\$ 2,000
5530	Contract Services	Hazardous waste chemical disposal	Lump sum	1	\$ 4,000	\$ 4,000
5530	Contract Services	Data loggers calibrations	Lump sum	1	\$ 312	\$ 312
5530	Contract Services	Weights calibrations	Lump sum	1	\$ 1,400	\$ 1,400
5530	Contract Services	Thermometer calibration	Lump sum	1	\$ 1,400	\$ 1,400
5530	Contract Services	Laboratory certification	Lump sum	1	\$ 2,500	\$ 2,500
5530	Contract Services	Giarda & Crypto monitoring	Lump sum	1	\$ 15,000	\$ 15,000
5530	Contract Services	Laboratory audits	Lump sum	1	\$ 4,000	\$ 4,000
5530	Contract Services	Pesticides	Lump sum	1	\$ 1,800	\$ 1,800
5530	Contract Services	Miscellaneous testing	Lump sum	1	\$ 1,000	\$ 1,000
5530	Contract Services	Geosmin/MIB monitoring	Lump sum	1	\$ 1,000	\$ 1,000
5530	Contract Services	Lab consulting services	Lump sum	1	\$ 4,000	\$ 4,000
<b>5530 Total</b>						<b>\$ 67,125</b>
5610	Telephone	Mobile Phone Allowances (2)	Monthly	12	\$ 90	\$ 1,080
<b>5610 Total</b>						<b>\$ 1,080</b>
5720	Machinery & Equipment	Lab equipment repair & replacement	Lump sum	1	\$ 3,000	\$ 3,000
5720	Machinery & Equipment	Pilot Plant equipment repair & replacement	Lump sum	1	\$ 3,000	\$ 3,000
5720	Machinery & Equipment	Spare parts, equipment & instruments	Lump sum	1	\$ 3,000	\$ 3,000
<b>5720 Total</b>						<b>\$ 9,000</b>
5810	General Supplies	Table, chairs, and carpet replacement	Lump sum	1	\$ 5,000	\$ 5,000
<b>5810 Total</b>						<b>\$ 5,000</b>
5830	Materials	Laboratory materials	Lump sum	1	\$ 38,000	\$ 38,000
<b>5830 Total</b>						<b>\$ 38,000</b>
5840	Chemicals	Laboratory chemicals	Lump sum	1	\$ 56,000	\$ 56,000
<b>5840 Total</b>						<b>\$ 56,000</b>
5911	Laundry	Uniforms	Lump sum	1	\$ 1,300	\$ 1,300
<b>5911 Total</b>						<b>\$ 1,300</b>
5913	Safety	Lab safety equipment	Lump sum	1	\$ 600	\$ 600
5913	Safety	Safety shoes	Each	6	\$ 100	\$ 600
5913	Safety	Safety prescription glasses	Each	2	\$ 200	\$ 400
<b>5913 Total</b>						<b>\$ 1,600</b>
5914	Subscriptions & Publications	Laboratory reference materials	Lump sum	1	\$ 300	\$ 300
<b>5914 Total</b>						<b>\$ 300</b>
5916	Dues & Membership	American Chemical Society	Lump sum	1	\$ 195	\$ 195
<b>5916 Total</b>						<b>\$ 195</b>

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Provo River Water Users Association Budget Request**

**Last Updated:** 3/22/2019  
**Account No.:** 1852-10

**Description:** This budget item reflects all costs paid to Provo River Water Users Association.

**Budget:**

Description	Units	Quantity	Unit Price	Extended Amount
Safety of Dams repayment	shares	61,900	\$ 2.05000	\$ 126,895
Deer Creek Division construction repayment	shares	61,900	\$ 1.65000	\$ 102,135
Provo River Aqueduct (BOWR) repayment	lump sum	1	\$ 1,241,526.00	\$ 1,241,526
PRWUA O&M assessment	shares	61,900	\$ 19.94	\$ 1,234,286
PRWUA capital assessment	shares	61,900	\$ 3.50	\$ 216,650
Provo River Aqueduct O&M by PRWUA	acre feet	23,198	\$ 9.97	\$ 231,245
Deer Creek Intake Station O&M by PRWUA	lump sum	1	\$ 132,097.56	\$ 132,098
<b>Total</b>				<b>\$ 3,284,835</b>

PRWUA total per share assessments--proposed	shares	61,900	\$ 27.14	\$ 1,679,966
PRWUA total per share assessments--current	shares	61,700	\$ 29.71	\$ 1,833,107
		Percent increase	-8.65%	

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget**  
**Last Updated: April 2, 2019**

**ROUTINE NON-CAPACITY IMPROVEMENT PROJECTS**

LCWTP Roof Replacement - Filter Building Ceiling Asbestos Removal	\$	40,000
Electrical Power Monitoring Upgrade	\$	600,000
PC/S Hardware and Software Replacement Program	\$	130,000
CCTV Hardware Replacement	\$	40,000
2020 Master Plan Update	\$	150,000
Fleet Replacement Program	\$	248,000
Little Dell Dam Improvements	\$	100,000
Repair and Replace	\$	659,200
Subtotal		\$ 1,967,200

**OTHER CAPITAL IMPROVEMENT PROJECTS**

Jordan Aqueduct System and 150th South Pipeline	\$	1,492,407
Central Utah Project (CUP) Capital	\$	2,971,200
Subtotal		\$ 4,463,607

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 12/19/2018      **Account No.:** 1845-10  
**Department:** E&M      **Location:** LCWTP Site  
**Contact Name:** Ammon Allen      **Request Type:** Non-Capacity Improvement Project

**Title:** LCWTP Roof Replacement - Filter Building Ceiling Asbestos Removal

**Description:** Abatement of asbestos in the filter building ceiling.

**Justification:** The LCWTP filter building was placed in service in 1960. Asbestos is present in the ceiling and roof. The ceiling asbestos presents safety and health issues for staff, particularly during roof replacement or failure (leak). The filter building roof is at the end of its design life. Roof replacement is a multi-year project that will benefit logistically and monetarily from removal of the ceiling asbestos now.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Engineering	1	\$ 40,000	\$ 40,000
<b>Total</b>			<b>\$ 40,000</b>

**Fiscal Year Summary: (multi-year projects)**

Spent (Prior to FY 2019)	Current Budget (FY 2020)	Proposed Budget (FY 2021)	Remaining (FY 2022)	Total Project
\$ -	\$ 40,000	\$ 850,000	\$ -	\$ 890,000

Note: The total project amount may not match the sum of the individual fiscal years due to timing of expenditures.

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 1/22/2019      **Account No.:** 1845-10  
**Department:** IS      **Location:** LCWTP & POMWTP Site  
**Contact Name:** Ryan Nicholes      **Request Type:** Non-Capacity Improvement Project

**Title:** Electrical Power Monitoring Upgrade

**Description:** Update the LCWTP & POMWTP power monitoring system

**Justification:** The existing LCWTP power monitoring system is in disrepair and non-functional. Updating the power monitoring system will enable staff to include new power centers added during the expansion of the LCWTP, monitor all tripped breakers, provide trending data of electrical usage on pumping and other high demand electrical equipment, and review demand charge billing. In 2017, the design identified the need to convert the ethernet system and replace 50 variable frequency drives (VFDs) and modify the Programmable Logic Controllers (PLC's) at the Point of the Mountain Water Treatment Plant (POMWTP). The additional scope increased the project budget from \$815,000 to \$1,782,000.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Construction	1	\$ 260,000	\$ 260,000
Engineering Services During Construction	1	\$ 70,000	\$ 70,000
Programming	1	\$ 165,000	\$ 165,000
District Equipment Purchases	1	\$ 105,000	\$ 105,000
<b>Total</b>			<b>\$ 600,000</b>

**Fiscal Year Summary: (multi-year projects)**

(Prior to FY 2019)	(FY 2019)	Budget (FY	(FY 2021)	Total Project
\$ 227,270	\$ 775,000	\$ 600,000	\$ -	\$ 1,782,000

Note: The total project amount may not match the sum of the individual fiscal years due to timing of expenditures.

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 12/19/2018      **Account No.:** 1845-10  
**Department:** IS      **Location:** LCWTP & POMWTP Site  
**Contact Name:** Ryan Nicholes      **Request Type:** Non-Capacity Improvement Project

**Title:** PC/S Hardware and Software Replacement Program

**Description:** Update the LCWTP and POMWTP PC/S system

**Justification:** The District's process control system (PC/S) at LCWTP were replaced in 2005. Much of the equipment is no longer supported and is difficult to repair. The POMWTP system was installed in 2007 and is nearing the end of its design life, which is being extended as part of the Electrical Power Monitoring Upgrade. In FY2020, staff plan to design a replacement motor control cabinet LC29, which controls chemical feed pumps at the LCWTP. Staff plan to utilize a consultant to aid in the design effort. This is a 10-year replacement program.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Engineering	1	\$ 60,000	\$ 60,000
Hardware and Programming (LC29)	1	\$ 70,000	\$ 70,000
<b>Total</b>			<b>\$ 130,000</b>

**Fiscal Year Summary: (multi-year projects)**

Spent (Prior to FY 2019)	Current Budget (FY 2019)	Proposed Budget (FY 2020)	Remaining (FY 2021-30)	Total Project
\$ -	\$ -	\$ 130,000	\$ 2,500,000	\$ 2,630,000

Note: The total project amount may not match the sum of the individual fiscal years due to timing of expenditures.

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 12/19/2018      **Account No.:** 1845-10  
**Department:** IS      **Location:** LCWTP & POMWTP Site  
**Contact Name:** Darin Klemin      **Request Type:** Non-Capacity Improvement Project

**Title:** CCTV Hardware Replacement

**Description:** Replacement of LCWTP and POMWTP CCTV hardware

**Justification:** The District's closed circuit TV (CCTV) security system is 18 years old at LCWTP and 12 years old at POMWTP. The equipment has exceeded its expected life and is no longer supported by the manufacturers. Staff anticipates replacing the system over the next 10 years.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Hardware	1	\$ 40,000	\$ 40,000
<b>Total</b>			<b>\$ 40,000</b>

**Fiscal Year Summary: (multi-year projects)**

Spent (Prior to FY 2019)	Current Budget (FY 2019)	Proposed Budget (FY 2020)	Remaining (FY 2021-30)	Total Project
\$ -	\$ -	\$ 40,000	\$ 550,400	\$ 590,400

Note: The total project amount may not match the sum of the individual fiscal years due to timing of expenditures.

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 4/2/2019      **Account No.:** 1845-10  
**Department:** E&M      **Location:** LCWTP & POMWTP Site  
**Contact Name:** Wayne Winsor      **Request Type:** Non-Capacity Improvement Project

**Title:** 2020 Master Plan Update

**Description:** Update the District's Master Plan

**Justification:** A Master Plan document proactively identifies major capital projects, along with timing and budget for each. The District's Master Plan was last updated in 2008. With the pending completion of the 2019 Supply & Demand study staff anticipate over the next 30 years several large capital projects including the LCWTP flocculation/sedimentation basin replacement, Aquifer Storage & Recovery (ASR) facilities, POMWTP expansion, and Salt Lake Aqueduct (SLA) replacement. A master plan update will allow District staff to more accurately forecast and schedule these capital projects to meet future demands and cash flow.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Engineering	1	\$ 150,000	\$ 150,000
<b>Total</b>			<b>\$ 150,000</b>

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 1/2/2019      **Account No.:** 1848-10  
**Department:** E&M      **Location:** LCWTP Site  
**Contact Name:** Ammon Allen      **Request Type:** Non-Capacity Improvement Project

**Title:** Fleet Replacement Program

**Description:** Replacement of one utility truck, backhoe (with trailer), and tractor.

**Justification:** Vehicle #49, a 2007 utility truck, is projected to have 110,000 miles at replacement. The backhoe and trailer were acquired in 1997; with 20 years of service in the District's fleet, the maintenance and upkeep costs are increasing. Parts and service for the 1979 tractor are difficult to find, and the tractor requires more frequent work.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Vehicle 67 (Replaces 2007 Utility Truck #49)	1	\$ 90,000	\$ 90,000
Backhoe and trailer	1	\$ 135,000	\$ 135,000
Tractor & Accessories	1	\$ 23,000	\$ 23,000
<b>Total</b>			<b>\$ 248,000</b>

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 12/18/2018      **Account No.:** 1840-10  
**Department:** E&M      **Location:** Little Dell Dam  
**Contact Name:** Wayne Winsor      **Request Type:** Salt Lake City Public Utilities

**Title:** Little Dell Dam Improvements

**Description:** Improvements as identified by Salt Lake City Department of Public Utilities.

**Justification:** Based upon current request from Salt Lake City Public Utilities.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
Miscellaneous repairs and replacement	1	\$ 100,000	\$ 100,000
<b>Total</b>			<b>\$ 100,000</b>

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 2/14/2019      **Account No.:** Multiple  
**Department:** E&M      **Location:** Various  
**Contact Name:** Wayne Winsor      **Request Type:** Non-Capacity Improvement Project

**Title:** Repair and Replace

**Description:** Routine, repair and replace non-capacity capital investments.

**Justification:** The 1993 LCWTP wet-type chlorine scrubber is at the end of its design life. In 2014 the scrubber was recoated to extend its life, however the scrubber continues to age and is in need of replacement.

The eight valve actuators at 10MG Reservoir are 25 years old and without manufacture support. The actuator controls are not consistent with the District's current PLC-based network system.

Diaphragm pumps are used for anionic chemical feed at both LCWTP and POMWTP. These pumps are sensitive to changes in chemical composition, making it difficult to switch to a new chemical supplier. District staff desires to replace the diaphragm pumps with positive cavity pumps, which are more resilient to changes. It is anticipated this will provide more competitive chemical bids in the future.

The LCWTP chemical recirculation pumps are leaking and in need of replacement. The caustic recirculation pump was replaced in FY19. It is anticipated the ferric pump will be replaced in FY20 and the spare chemical storage recirculation pump in FY2021.

The POMWTP sodium hypochlorite feed system is failing and in need of replacement. The system delivers hypochlorite to ten injection points throughout the plant and is crucial to the treatment process. Staff desires to remove and replace the existing feed system with peristaltic feed pumps, similar to that at the LCWTP.

Accusonic 7500 ultrasonic flow meters are no longer supported by the manufacturer. These meters exhibit increasing problems including failing power supplies and boards. These meters are critical for billing and process control by operators. Staff requests to purchase controllers and transducers to replace the POMWTP finished water flow meter and the two Big Gate flow meters.

The lab department requires replacement of the inorganics laboratory ultra-pure water system, Total Organic Carbon (TOC) Analyzer and Zero Air Generator (part of the TOC).

The District operates servers on three separate networks - enterprise, SCADA, and security. These servers have a life expectancy of seven years. New servers host the most critical services for the first three to five years of the lifecycle and then are moved to a less critical role for the remainder of the life cycle. Two servers per year are needed to maintain the lifecycle.

**Budget:**

Description	Quantity	Unit Price	Extended Amount
LCWTP chlorine scrubber replacement (1845-10)	1	\$ 175,000	\$ 175,000
10MG Reservoir actuator and controls replacement (1809-10)	1	\$ 150,000	\$ 150,000
LCWTP anionic blend pump replacement (1845-10)	2	\$ 5,250	\$ 10,500
LCWTP ferric recirculation pump replacement (1845-10)	1	\$ 18,000	\$ 18,000
POMWTP hypochlorite feed system replacement (1807-10)	1	\$ 100,000	\$ 100,000
Flow meter replacement program (1831-10)	3	\$ 17,000	\$ 51,000
Lab equipment replacement (1847-10)	1	\$ 44,700	\$ 44,700
Annual network server replacement program (1818-10)	1	\$ 60,000	\$ 60,000
Miscellaneous repairs and replacements (1813-10)	1	\$ 50,000	\$ 50,000
<b>Total</b>			<b>\$ 659,200</b>

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 4/2/2019      **Account No.:** 1599-10  
**Department:** E&M      **Location:** Other  
**Contact Name:** Wayne Winsor      **Request Type:** JA Management

**Title:** Jordan Aqueduct System and 150th South Pipeline

**Description:** Projects for FY 2020 are listed below.

**Justification:** MWDSLs is responsible to pay 2/7ths of JA system improvements which include Jordan Aqueduct Reaches 1 - 4, Jordan Valley Water Treatment Plant (JVVWTP), and the JA Terminal Reservoir. MWDSLs is responsible for 50% of improvements associated to the 150th South Pipeline. The MWDSLs portion is shown below.

**Budget:**

<b>Description</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Extended Amount</b>
Microwave Communications System Replacement	1	\$ 42,621	\$ 42,621
System Control Room (SCADA Replacement)	1	\$ 58,771	\$ 58,771
JA-1 Condition Assessment and Rehabilitation	1	\$ 28,571	\$ 28,571
New Equipment and Emergency Response Building	1	\$ 44,545	\$ 44,545
JVVWTP Washwater/Solids Handling Improvements	1	\$ 589,554	\$ 589,554
JVVWTP Air Scour Piping	1	\$ 297,417	\$ 297,417
JA extraordinary maintenance and replacement	1	\$ 119,714	\$ 119,714
JVVWTP/TR extraordinary maintenance and replacement	1	\$ 256,714	\$ 256,714
150th South extraordinary maintenance and replacement	1	\$ 10,000	\$ 10,000
JVWCD project management expenses	1	\$ 44,500	\$ 44,500
<b>Total</b>			<b>\$ 1,492,407</b>

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**FY 2020 Capital Budget Request**

**Last Updated:** 1/2/2019      **Account No.:** 1853-10  
**Department:** Administrative      **Location:** Other  
**Contact Name:** Mike DeVries      **Request Type:** CUP

**Title:** Central Utah Project (CUP) Capital

**Description:** This budget item reflects costs paid to Central Utah Water Conservancy District for the construction of Jordanelle Dam and other related improvements for the Bonneville Unit Municipal and Industrial system.

**Justification:** Capital improvements.

**Budget:**

Description		Units	Quantity	Unit Price	Extended Amount
CUP allotment payment		acre feet	20,000	\$ 148.56	\$ 2,971,200
<b>Total</b>					<b>\$ 2,971,200</b>

<b>Metropolitan Water District of Salt Lake &amp; Sandy</b>				
<b>Fiscal Year 2020</b>				
<b>Revenue Projections</b>				
<b>Last Update: March 22, 2019</b>				
	Fiscal Year 2019 Adopted Budget	Actuals as of 1/31/2019	Estimated Actuals 6/30/2019	Fiscal Year 2020 Budget
Operating Revenues				
Water Sales				
Salt Lake City	\$15,994,818	\$9,330,314	\$15,994,824	\$15,668,662
Sandy City	\$5,915,892	\$3,450,937	\$5,915,892	\$6,093,368
Jordanelle Special Service District (JSSD)	\$200,000	\$200,000	\$200,000	\$200,000
Raw water sales plus conveyance to non-member entities	\$203,990	\$611,605	\$645,099	\$220,696
Treatment charges and conveyance fees for non-member entities	\$560,824	\$231,014	\$337,445	\$609,451
Total Operating Revenues	\$22,875,524	\$13,823,870	\$23,093,259	\$22,792,177
Other Revenues				
Tax Revenues				
Salt Lake City	\$7,494,815	\$6,681,596	\$7,576,666	\$7,392,404
Sandy City	\$2,467,059	\$2,311,462	\$2,433,475	\$2,398,332
Fees in Lieu of Taxes	\$483,445	\$290,671	\$491,393	\$499,516
Prior Years' Tax Revenue	\$225,754	\$71,421	\$199,646	\$206,463
Subtotal Tax Revenues	\$10,671,073	\$9,355,150	\$10,701,180	\$10,496,715
Capital Assessments				
Salt Lake City	\$7,021,892	\$4,096,104	\$7,021,892	\$7,021,892
Sandy City	\$4,210,322	\$2,456,021	\$4,210,322	\$4,210,322
Sandy City Ontario Drain Tunnel Assessment (before credit)	\$1,017,472	\$593,526	\$1,017,092	\$1,019,799
Less: JSSD Revenue (see above)	\$200,000	\$200,000	\$200,000	\$200,000
Net Sandy City Ontario Drain Tunnel Assessment	\$817,472	\$393,526	\$817,092	\$819,799
Subtotal Assessment Revenues	\$12,049,686	\$6,945,650	\$12,049,306	\$12,052,013
Interest	\$358,382	\$595,120	\$815,393	\$614,160
Miscellaneous Revenue	\$101,044	\$1,441,422	\$1,470,066	\$95,904
Subtotal	\$459,426	\$2,036,542	\$2,285,459	\$710,064
Total Other Revenues	\$23,180,185	\$18,337,342	\$25,035,945	\$23,258,792
<b>Total Revenue</b>	<b>\$46,055,709</b>	<b>\$32,161,212</b>	<b>\$48,129,205</b>	<b>\$46,050,969</b>

<b>Metropolitan Water District of Salt Lake &amp; Sandy</b>			
<b>Fiscal Year 2020</b>			
<b>Reserve Funds</b>			
<b>Last Update: April 3, 2019</b>			
Description	Category type	Approved FY 2019	Proposed FY 2020
Required Operations and Maintenance Reserve	Restricted	\$3,735,398	\$3,953,271
Required Capital Projects Reserve	Restricted	\$650,000	\$650,000
Jordan Aqueduct Reserve	Restricted	\$41,649	\$42,691
JVWTP O&M Reserve	Restricted	\$20,000	\$20,000
150th South Pipeline Agreement	Restricted	\$34,167	\$35,022
Capital Projects Reserve	Assigned	\$5,032,033	\$3,338,632
Self-Insurance/Contingency Reserve	Assigned	\$2,000,000	\$2,000,000
Interest Rate Stabilization Reserve	Assigned	\$3,284,866	\$3,284,866
Aquifer Storage and Recovery (ASR) Reserve	Assigned	\$1,010,992	\$1,688,905
Unassigned Reserves	Unassigned	\$16,332,708	\$25,747,719
Totals		\$32,141,814	\$40,761,105
<b>Metropolitan Water District of Salt Lake &amp; Sandy</b>			
<b>Fiscal Year 2020</b>			
<b>Debt Service Coverage on Outstanding Bonds</b>			
<b>Last Update: April 3, 2019</b>			
Budgeted O&M Expenses	\$36,257,917		
Less: Interest expense, depreciation, and amortization	\$18,630,555		
Adjusted O&M Expense	\$17,627,362		
Budgeted Revenues	\$46,050,969		
Less: adjusted O&M Expense	\$17,627,362		
Funds Available for Debt Service Payments	\$28,423,607		
Debt Service Payments	\$16,765,345		
Coverage (funds available/debt service payments)	1.70		
Minimum coverage required	1.15		

<b>Metropolitan Water District of Salt Lake &amp; Sandy</b>		
<b>Fee Schedule Fiscal Year 2020</b>		
Last update: March 22, 2019		
<b>Description</b>	<b>FY 2019 Approved</b>	<b>FY 2020 Proposed</b>
<b>Water charges to Member Cities</b>		
Total treated water sales/conveyance revenue from member cities	\$21,910,710	\$21,762,030
To Salt Lake City (72% of total water sales based on period of record; amount not to exceed 65,000 af)	\$15,994,818	\$15,668,662
To Sandy City (28% of total water sales based on period of record; amount not to exceed 25,000 af)	\$5,915,892	\$6,093,368
To be billed monthly		
To Salt Lake City	\$1,332,902	\$1,305,722
To Sandy City	\$492,991	\$507,781
<b>Water rates to non-member entities</b>		
Conveyance fee (per acre foot)	\$22	\$23
Untreated water (based on availability as determined by GM; per acre foot)	\$113	\$116
Treatment charge (per acre foot)	\$319	\$329
Pumping surcharge if Salt Lake Aqueduct is at capacity (applicable as determined by GM; per acre foot)	\$72	\$72
Pumping surcharge at DACRWTP (applicable as determined by GM; per acre foot)	\$15	\$15
<b>Licensing of Rights-of-Way</b>		
Temporary Use Agreement (MWDSLS fee title property only; per week)	\$50	\$50
New license agreement residential (approved existing improvements)	\$0	\$0
New license agreement residential (no existing improvements)	\$0*	\$0*
New license agreement (subdivisions, utilities, commercial developments, governmental entities)	\$1,700*	\$1,500*
Renewal license agreement residential (approved existing improvements without changes)	\$0*	\$0*
Renewal license agreement (subdivisions, utilities, commercial developments, governmental entities)	\$500*	\$500*
Right of use fee (fee title lands only) as determined by the GM	Varies	Varies
Fees related to licensing of member city utilities are waived.		
* Minimum fee, additional direct costs (professional review costs) may apply as determined by GM		
<b>GRAMA Request</b>		
Copy Reproduction Fee (per copy; standard size; non-color)	\$0.25	\$0.25
Research Fee (hourly--time will be charged at the hourly rate of the lowest paid employee performing the request)	Varies	Varies
Other GRAMA fees as determined by the GM	Varies	Varies
Fees may be waived or changed only at the discretion of the Board of Trustees.		
Fees identified as variable shall be reported to the Board of Trustees.		





	Metropolitan Water District of Salt Lake & Sandy												
	Projected Cash Flow												
	Last Update: April 3, 2019												
	Expenses												
	Provo River Project (PRWUA)												
	26	27	28	29	30	31	32	33	34	35	36	37	
Fiscal Year Ending June 30	Deer Creek Safety of Dams Repayment	Provo River Project (Deer Creek Division) Construction Repayment	Provo River Aqueduct (BOWR) Repayment	Provo River Aqueduct (BAF) Repayment	PRWUA Assessment (O&M and capital)	Provo River Aqueduct O&M by PRWUA	Deer Creek Intake Station O&M by PRWUA	Total PRWUA Costs	Total MWDSLS PRWUA Shares	PRWUA Water Supply Allocation (Percent)	PRWUA Water Supply Volume Available to MWDSLS (AF)	PRWUA Water Supply Unit Cost (\$/AF)	
Escalation factor (inflation, growth, interest)					2.67%	2.41%	1.83%						
2019	\$ 126,485	\$ 101,805	\$ 1,352,969	\$ 150,346	\$ 1,604,817	\$ 129,508	\$ 145,393	\$ 3,611,323	61,700	100%	61,700	\$ 58.53	
2020	\$ 126,895	\$ 102,135	\$ 1,241,526		\$ 1,450,936	\$ 231,245	\$ 132,098	\$ 3,284,835	61,900	100%	61,900	\$ 53.07	
2021	\$ 126,895	\$ 102,135	\$ 1,441,384		\$ 3,293,864	\$ 236,818	\$ 134,515	\$ 5,335,611	61,900	100%	61,900	\$ 86.20	
2022	\$ 126,895	\$ 102,135	\$ 1,441,507		\$ 3,333,638	\$ 242,525	\$ 136,977	\$ 5,383,677	61,900	100%	61,900	\$ 86.97	
2023	\$ 126,895	\$ 102,135	\$ 1,441,167		\$ 3,374,474	\$ 248,370	\$ 139,484	\$ 5,432,525	61,900	100%	61,900	\$ 87.76	
2024	\$ 126,895		\$ 1,441,105		\$ 3,416,401	\$ 254,356	\$ 142,037	\$ 5,380,794	61,900	100%	61,900	\$ 86.93	
2025			\$ 1,441,260		\$ 3,459,447	\$ 260,486	\$ 144,636	\$ 5,305,829	61,900	100%	61,900	\$ 85.72	
2026			\$ 1,440,796		\$ 3,503,642	\$ 266,764	\$ 147,283	\$ 5,358,485	61,900	100%	61,900	\$ 86.57	
2027			\$ 1,441,229		\$ 3,549,017	\$ 273,193	\$ 149,978	\$ 5,413,417	61,900	100%	61,900	\$ 87.45	
2028			\$ 1,440,920		\$ 3,595,604	\$ 279,777	\$ 152,723	\$ 5,469,024	61,900	100%	61,900	\$ 88.35	
2029			\$ 1,441,384		\$ 3,643,435	\$ 286,520	\$ 155,518	\$ 5,526,857	61,900	100%	61,900	\$ 89.29	
2030			\$ 1,441,755		\$ 3,692,543	\$ 293,425	\$ 158,364	\$ 5,586,087	61,900	100%	61,900	\$ 90.24	
2031			\$ 1,441,198		\$ 3,742,962	\$ 300,497	\$ 161,262	\$ 5,645,919	61,900	100%	61,900	\$ 91.21	
2032			\$ 1,441,229		\$ 3,794,727	\$ 307,739	\$ 164,213	\$ 5,707,908	61,900	100%	61,900	\$ 92.21	
2033			\$ 1,440,982		\$ 3,847,874	\$ 315,156	\$ 167,218	\$ 5,771,230	61,900	100%	61,900	\$ 93.23	
2034			\$ 1,441,167		\$ 3,902,440	\$ 322,751	\$ 170,278	\$ 5,836,636	61,900	100%	61,900	\$ 94.29	
2035			\$ 1,441,693		\$ 3,958,463	\$ 330,529	\$ 173,394	\$ 5,904,079	61,900	100%	61,900	\$ 95.38	
2036			\$ 1,440,920		\$ 4,015,982	\$ 338,495	\$ 176,567	\$ 5,971,964	61,900	100%	61,900	\$ 96.48	
2037					\$ 4,075,037	\$ 346,653	\$ 179,798	\$ 6,001,488	61,900	100%	61,900	\$ 97.34	
2038					\$ 4,135,669	\$ 355,007	\$ 183,088	\$ 6,073,764	61,900	100%	61,900	\$ 97.51	
2039					\$ 4,197,920	\$ 363,563	\$ 186,439	\$ 6,147,922	61,900	100%	61,900	\$ 97.70	
2040					\$ 4,261,833	\$ 372,325	\$ 189,851	\$ 6,224,009	61,900	100%	61,900	\$ 97.93	
2041					\$ 4,327,452	\$ 381,298	\$ 193,325	\$ 6,302,075	61,900	100%	61,900	\$ 98.19	
2042					\$ 4,394,823	\$ 390,487	\$ 196,863	\$ 6,382,173	61,900	100%	61,900	\$ 98.49	
2043					\$ 4,463,993	\$ 399,898	\$ 200,466	\$ 6,464,357	61,900	100%	61,900	\$ 98.82	
2044					\$ 4,535,010	\$ 409,536	\$ 204,135	\$ 6,548,681	61,900	100%	61,900	\$ 99.18	
2045					\$ 4,607,923	\$ 419,406	\$ 207,871	\$ 6,635,200	61,900	100%	61,900	\$ 99.58	
2046					\$ 4,682,595	\$ 429,514	\$ 211,675	\$ 6,724,784	61,900	100%	61,900	\$ 100.00	
2047					\$ 4,759,453	\$ 439,865	\$ 215,549	\$ 6,815,867	61,900	100%	61,900	\$ 100.43	
2048					\$ 4,838,364	\$ 450,466	\$ 219,494	\$ 6,908,324	61,900	100%	61,900	\$ 100.89	
2049					\$ 4,918,382	\$ 461,322	\$ 223,511	\$ 7,003,215	61,900	100%	61,900	\$ 101.39	
2050					\$ 5,000,563	\$ 472,440	\$ 227,601	\$ 7,100,604	61,900	100%	61,900	\$ 101.92	
2051					\$ 5,084,965	\$ 483,826	\$ 231,766	\$ 7,200,557	61,900	100%	61,900	\$ 102.47	
2052					\$ 5,171,647	\$ 495,486	\$ 236,007	\$ 7,303,140	61,900	100%	61,900	\$ 103.05	
2053					\$ 5,261,670	\$ 507,427	\$ 240,326	\$ 7,408,423	61,900	100%	61,900	\$ 103.66	
2054					\$ 5,354,097	\$ 519,656	\$ 244,724	\$ 7,516,477	61,900	100%	61,900	\$ 104.29	
2055					\$ 5,448,991	\$ 532,180	\$ 249,202	\$ 7,624,373	61,900	100%	61,900	\$ 104.94	
2056					\$ 5,545,419	\$ 545,006	\$ 253,762	\$ 7,734,187	61,900	100%	61,900	\$ 105.62	
2057					\$ 5,644,448	\$ 558,141	\$ 258,406	\$ 7,846,995	61,900	100%	61,900	\$ 106.33	
2058					\$ 5,745,148	\$ 571,592	\$ 263,135	\$ 7,962,875	61,900	100%	61,900	\$ 107.07	
2059					\$ 5,847,590	\$ 585,367	\$ 267,950	\$ 8,081,907	61,900	100%	61,900	\$ 107.84	
2060					\$ 5,951,848	\$ 599,474	\$ 272,853	\$ 8,204,175	61,900	100%	61,900	\$ 108.63	
2061					\$ 6,058,996	\$ 613,921	\$ 277,846	\$ 8,329,763	61,900	100%	61,900	\$ 109.45	
2062					\$ 6,168,112	\$ 628,716	\$ 282,931	\$ 8,458,759	61,900	100%	61,900	\$ 110.29	
2063					\$ 6,279,275	\$ 643,868	\$ 288,109	\$ 8,590,252	61,900	100%	61,900	\$ 111.15	
2064					\$ 6,392,566	\$ 659,385	\$ 293,381	\$ 8,724,332	61,900	100%	61,900	\$ 112.03	
2065					\$ 6,508,069	\$ 675,276	\$ 298,750	\$ 8,861,095	61,900	100%	61,900	\$ 112.94	
2066					\$ 6,625,869	\$ 691,550	\$ 304,217	\$ 9,001,636	61,900	100%	61,900	\$ 113.87	
2067					\$ 6,745,055	\$ 708,216	\$ 309,784	\$ 9,145,055	61,900	100%	61,900	\$ 114.83	
2068					\$ 6,866,717	\$ 725,284	\$ 315,453	\$ 9,292,454	61,900	100%	61,900	\$ 115.81	
2069					\$ 6,990,947	\$ 742,763	\$ 321,226	\$ 9,443,936	61,900	100%	61,900	\$ 116.82	
2070					\$ 7,117,841	\$ 760,664	\$ 327,104	\$ 9,599,609	61,900	100%	61,900	\$ 117.85	
2071					\$ 7,247,497	\$ 778,996	\$ 333,090	\$ 9,759,583	61,900	100%	61,900	\$ 118.91	
2072					\$ 7,379,016	\$ 797,770	\$ 339,186	\$ 9,923,972	61,900	100%	61,900	\$ 120.00	







	Metropolitan Water District of Salt Lake & Sandy																
	Projected Cash Flow																
	Last Update: April 3, 2019																
	Revenues																
	Assessments						Miscellaneous Revenues										
	Capacity/Supply Assessments																
	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83		
Fiscal Year Ending June 30	Salt Lake City Metro Water Project Capital Assessment	Sandy City Metro Water Project Capital Assessment	Sandy City Ontario Drain Tunnel Water Assessment (net of JSSD payments)	New Capacity Assessments	Utah Lake System Water (New Supply) Assessments to Member Cities	Total Assessments	Little Dell Revenues	POMWTP Storage Revenues	Terminal Reservoir Cell Tower Revenues	LCWTP Cell Tower Revenues	Other Miscellaneous Revenues	Total Miscellaneous Revenues	Operations and Maintenance Reserve Account Interest Income	Total Revenues	Net Cash Flow (82 minus 48)		
Escalation factor (inflation, growth, interest)							0%	0%	3.00%		0%		2.50%				
2019	\$ 7,021,892	\$ 4,210,322	\$ 817,472	\$ -	\$ -	\$ 12,049,686	\$ -	\$ 40,000	\$ 28,644	\$ 26,400	\$ 6,000	\$ 101,044	\$ 358,382	\$ 46,055,710	\$ 4,746,133		
2020	\$ 7,021,892	\$ 4,210,322	\$ 819,799	\$ -	\$ -	\$ 12,052,013	\$ -	\$ 34,000	\$ 29,504	\$ 26,400	\$ 6,000	\$ 95,904	\$ 614,160	\$ 46,050,969	\$ 3,756,899		
2021	\$ 7,021,892	\$ 4,210,322	\$ 821,874	\$ -	\$ -	\$ 12,054,088	\$ 30,000	\$ 34,000	\$ 30,389	\$ 26,400	\$ 6,000	\$ 126,789	\$ 1,019,028	\$ 46,314,511	\$ 1,786,638		
2022	\$ 7,021,892	\$ 4,210,322	\$ 817,938	\$ 1,628,000	\$ -	\$ 13,678,152	\$ 30,000	\$ 34,000	\$ 31,300	\$ 29,040	\$ 6,000	\$ 130,340	\$ 1,063,694	\$ 48,662,329	\$ 1,037,574		
2023	\$ 7,021,892	\$ 4,210,322	\$ 720,075	\$ 8,513,000	\$ -	\$ 20,465,289	\$ 30,000	\$ 34,000	\$ 32,239	\$ 29,040	\$ 6,000	\$ 131,279	\$ 1,089,633	\$ 56,281,420	\$ 467,607		
2024	\$ 7,021,892	\$ 4,210,322	\$ 704,704	\$ 6,685,000	\$ 909,819	\$ 19,531,738	\$ 30,000	\$ 34,000	\$ 33,207	\$ 29,040	\$ 6,000	\$ 132,247	\$ 1,101,323	\$ 56,080,481	\$ 1,704,825		
2025	\$ 7,021,892	\$ 4,210,322	\$ 785,259	\$ 4,425,000	\$ 909,819	\$ 17,352,293	\$ 30,000	\$ 34,000	\$ 34,203	\$ 29,040	\$ 6,000	\$ 133,243	\$ 1,143,944	\$ 54,842,140	\$ 407,673		
2026	\$ 7,021,892	\$ 4,210,322	\$ 789,493	\$ 2,250,000	\$ 1,660,537	\$ 15,932,244	\$ 30,000	\$ 34,000	\$ 35,229	\$ 29,040	\$ 6,000	\$ 134,269	\$ 1,154,136	\$ 54,702,920	\$ (213,216)		
2027	\$ 7,021,892	\$ 4,210,322	\$ 276,387	\$ 4,750,000	\$ 1,660,537	\$ 17,919,138	\$ 30,000	\$ 34,000	\$ 36,286	\$ 31,944	\$ 6,000	\$ 138,230	\$ 1,148,755	\$ 58,571,335	\$ (2,098,597)		
2028	\$ 7,021,892	\$ 4,210,322	\$ 265,374	\$ -	\$ 1,660,537	\$ 13,158,125	\$ 30,000	\$ 34,000	\$ 37,374	\$ 31,944	\$ 6,000	\$ 139,318	\$ 1,096,290	\$ 55,186,682	\$ 2,475,250		
2029	\$ 7,021,892	\$ 4,210,322	\$ 251,361	\$ -	\$ 1,660,537	\$ 13,144,112	\$ 30,000	\$ 34,000	\$ 38,496	\$ 31,944	\$ 6,000	\$ 140,440	\$ 1,158,172	\$ 56,439,441	\$ (6,031,091)		
2030	\$ 7,021,892	\$ 4,210,322	\$ 234,327	\$ -	\$ 1,660,537	\$ 13,127,078	\$ 30,000	\$ 34,000	\$ 39,650	\$ 31,944	\$ 6,000	\$ 141,594	\$ 1,007,394	\$ 59,364,532	\$ (5,911,506)		
2031	\$ 7,021,892	\$ 4,210,322	\$ 231,168	\$ -	\$ 1,660,537	\$ 13,123,919	\$ 30,000	\$ 34,000		\$ 31,944	\$ 6,000	\$ 101,944	\$ 859,607	\$ 62,235,763	\$ (5,079,235)		
2032	\$ 7,021,892	\$ 4,210,322	\$ (909,350)	\$ -	\$ 1,660,537	\$ 11,983,401	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 732,626	\$ 64,639,877	\$ (377,544)		
2033	\$ 7,021,892	\$ 4,210,322	\$ (936,631)	\$ -	\$ 1,660,537	\$ 11,956,120	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 723,187	\$ 66,652,827	\$ 1,966,380		
2034	\$ 7,021,892	\$ 4,210,322	\$ (964,730)	\$ -	\$ 1,660,537	\$ 11,928,022	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 772,347	\$ 68,825,496	\$ 11,362,996		
2035	\$ 3,510,946	\$ 2,105,161	\$ (993,672)	\$ -	\$ 1,660,537	\$ 6,282,973	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 1,056,421	\$ 65,723,148	\$ (1,092,765)		
2036			\$ (1,023,482)	\$ -	\$ 1,660,537	\$ 637,056	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 1,029,102	\$ 63,357,358	\$ (4,740,470)		
2037			\$ (1,054,186)	\$ -	\$ 1,660,537	\$ 606,351	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 910,591	\$ 64,741,876	\$ 308,228		
2038			\$ (1,085,812)	\$ -	\$ 1,660,537	\$ 574,725	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 918,296	\$ 64,749,582	\$ 4,132,681		
2039			\$ (1,118,386)	\$ -	\$ 1,660,537	\$ 542,151	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 1,021,613	\$ 64,852,899	\$ 2,657,740		
2040			\$ (1,151,938)	\$ -	\$ 1,660,537	\$ 508,600	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 1,088,057	\$ 64,919,342	\$ (7,860,674)		
2041			\$ (1,186,496)	\$ -	\$ 1,660,537	\$ 474,041	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 891,540	\$ 65,754,906	\$ 72,674		
2042			\$ (1,222,091)	\$ -	\$ 1,660,537	\$ 438,447	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 893,357	\$ 66,809,445	\$ (803,392)		
2043			\$ (1,258,753)	\$ -	\$ 1,660,537	\$ 401,784	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 873,272	\$ 67,863,137	\$ (1,821,528)		
2044			\$ (1,296,516)	\$ -	\$ 1,660,537	\$ 364,021	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 827,734	\$ 68,912,851	\$ (2,998,994)		
2045			\$ (1,335,412)	\$ -	\$ 1,660,537	\$ 325,126	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 752,759	\$ 69,396,455	\$ (4,319,357)		
2046			\$ (1,375,474)	\$ -	\$ 1,660,537	\$ 285,063	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 644,775	\$ 73,801,787	\$ (102,577)		
2047			\$ (1,416,738)	\$ -	\$ 1,660,537	\$ 243,799	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 642,211	\$ 76,845,711	\$ 722,802		
2048			\$ (1,459,240)	\$ -	\$ 1,660,537	\$ 201,297	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 660,281	\$ 78,783,068	\$ 247,681		
2049			\$ (1,503,017)	\$ -	\$ 1,660,537	\$ 157,520	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 666,473	\$ 81,425,081	\$ 205,864		
2050			\$ (1,548,108)	\$ -	\$ 1,660,537	\$ 112,429	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 671,619	\$ 82,115,542	\$ (2,662,374)		
2051			\$ (1,594,551)	\$ -	\$ 1,660,537	\$ 65,986	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 605,060	\$ 85,509,816	\$ (3,137,026)		
2052			\$ (1,642,388)	\$ -	\$ 1,660,537	\$ 18,150	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 526,634	\$ 90,518,816	\$ (2,340,635)		
2053			\$ (1,691,659)	\$ -	\$ 1,660,537	\$ (31,122)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 468,118	\$ 95,126,196	\$ (2,326,345)		
2054			\$ (1,742,409)	\$ -	\$ 1,660,537	\$ (81,872)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 409,960	\$ 99,189,578	\$ (3,277,453)		
2055			\$ (1,794,681)	\$ -	\$ 1,660,537	\$ (134,144)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 328,024	\$ 99,107,642	\$ 5,894,671		
2056			\$ (1,848,522)	\$ -	\$ 1,660,537	\$ (187,985)	\$ 30,000	\$ 34,000			\$ 9,255,390	\$ 70,000	\$ 475,390	\$ 99,255,009	\$ 41,196		
2057			\$ (1,903,978)	\$ -	\$ 1,660,537	\$ (243,440)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 476,420	\$ 100,987,086	\$ (4,803,059)		
2058			\$ (1,961,097)	\$ -	\$ 1,660,537	\$ (300,560)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 356,344	\$ 113,226,687	\$ 221,199		
2059			\$ (2,019,930)	\$ -	\$ 1,660,537	\$ (359,393)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 361,874	\$ 121,283,664	\$ 353,114		
2060			\$ (2,080,528)	\$ -	\$ 1,660,537	\$ (419,990)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 370,702	\$ 129,988,055	\$ 343,797		
2061			\$ (2,142,944)	\$ -	\$ 1,660,537	\$ (482,406)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 379,296	\$ 140,561,759	\$ 1,327,246		
2062			\$ (2,207,232)	\$ -	\$ 1,660,537	\$ (546,695)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 412,478	\$ 149,551,805	\$ (247,938)		
2063			\$ (2,273,449)	\$ -	\$ 1,660,537	\$ (612,912)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 406,279	\$ 161,867,693	\$ 418,806		
2064			\$ (2,341,652)	\$ -	\$ 1,660,537	\$ (681,115)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 416,749	\$ 175,309,239	\$ 1,005,271		
2065			\$ (2,411,902)	\$ -	\$ 1,660,537	\$ (751,365)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 441,881	\$ 188,347,589	\$ (153,267)		
2066			\$ (2,484,259)	\$ -	\$ 1,660,537	\$ (823,722)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 438,049	\$ 205,911,604	\$ 1,720,029		
2067			\$ (2,558,787)	\$ -	\$ 1,660,537	\$ (898,249)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 481,050	\$ 221,414,308	\$ (131,017)		
2068			\$ (2,635,550)	\$ -	\$ 1,660,537	\$ (975,013)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 477,775	\$ 238,107,513	\$ (2,643,278)		
2069			\$ (2,714,617)	\$ -	\$ 1,660,537	\$ (1,054,079)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 411,693	\$ 258,327,655	\$ (3,691,041)		
2070			\$ (2,796,055)	\$ -	\$ 1,660,537	\$ (1,135,518)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 319,417	\$ 282,804,250	\$ (2,780,122)		
2071			\$ (2,879,937)	\$ -	\$ -	\$ (2,879,937)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 249,914	\$ 308,099,968	\$ (1,949,039)		
2072			\$ (2,966,335)	\$ -	\$ -	\$ (2,966,335)	\$ 30,000	\$ 34,000			\$ 6,000	\$ 70,000	\$ 201,188	\$ 334,806,743	\$ (4,219,665)		



## **Cash Flow Analysis Assumptions**

**METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY**  
**CASH FLOW ANALYSIS ASSUMPTIONS**  
**March 26, 2019**

Fiscal year based on July 1 through June 30 of each year. Fiscal Year (FY) 2020 runs from July 1, 2019 thru June 30, 2020.

- 1. District Regular Operating Expenses:** For FY 2019, the amount shown is the budgeted expenditures expected for June 30, 2019 based on the adopted budget for the period ending June 30, 2019. The projected spend as of January 31, 2019 is approximately \$1,204,170 less than the budgeted amount. This column does not include Central Utah Project (CUP) costs shown in columns 4 and 10, PRWUA costs shown in columns 25-36, depreciation, amortization, or interest expense. There is an assumed 2.40% annual increase for future years. This assumed increase is based on a 5-year average of District-controlled expenses.
- 2. CUP M&I System OM&R Cost (\$/acre foot):** The CUP Operation, Maintenance, and Replacement (OM&R) cost is escalated at the average of 7.19%.
- 3. CUP M&I System OM&R Reserve Cost (\$/acre foot):** The CUP Operation, Maintenance, and Replacement (OM&R) reserve cost is escalated at the average of 11.69%. Financial plans being implemented by Central Utah Water Conservancy District (CUWCD) indicate an increase in the total CUP M&I System Water O&M Cost (column 2 plus column 3). The purpose of the escalating costs is to fund an asset management program to pay for aging (50 years or so old) infrastructure. The escalation is proposed as follows:
  - a. FY 2020: \$40.00 (33% increase)
  - b. FY 2021: \$50.00 (25% increase)
  - c. Increases beyond FY 2021 will be evaluated in the years leading up to FY 2022 with a stated need of the total cost to reach \$300 per acre foot.
  - d. The escalated percentages in columns 2 and 3 for years beyond FY 2021 reflect historical increases prior to FY 2019 (11-year period) and do not factor in the increases shown for FY 2019 and beyond.
- 4. CUP M&I System Water O&M Cost:** O&M cost of CUP M&I system water.
- 5. Total CUP M&I System Water Costs (including capital expenses):** Total cost of CUP M&I system water.
- 6. CUP M&I System Water Volume:** 20,000 acre feet per year. The 20,000 acre feet is subject to the Operations, Maintenance, and Replacement (OM&R) Cost (column 2) and OM&R Reserve Cost (column 3) on a per acre foot basis in perpetuity. In FY 2049, the 40-year petition repayment period will have ended. The subsequent years will be only OM&R costs applied to the total volume of 20,000 acre feet.
- 7. CUP M&I System Water Unit Cost:** Column 5 divided by column 6 (\$/acre foot).
- 8. CUP ULS OM&R Cost:** The CUP Operation, Maintenance, and Replacement (OM&R) cost (see column 2).

- 9. CUP ULS OM&R Reserve Cost:** The CUP Operation, Maintenance, and Replacement (OM&R) reserve cost (see column 3).
- 10. CUP ULS Water O&M Cost:** O&M cost of CUP ULS water.
- 11. Total CUP ULS Water Costs (including capital expenses):** Total cost of CUP ULS water.
- 12. CUP ULS Water Petition Repayment Volume:** 5600 acre feet total (3100 acre feet per year beginning in FY 2024; 5600 acre feet per year beginning in FY 2026). In FY 2070, the repayment period will end. The subsequent years will be only OM&R costs applied to the total volume of 5600 acre feet.
- 13. CUP ULS Water Unit Cost:** Column 11 divided by column 12 (\$/acre foot).
- 14. Total Operating Expenses:** Sum of all operating expenses.
- 15. Ontario Drain Tunnel Volume:** Estimated volume based on due diligence work for Sandy City on water purchase was 3000 acre feet annually. The ten-year average is 3189 acre feet.
- 16. Ontario Drain Tunnel Cost:** Estimated cost per acre foot based on Sandy City's special water supply assessment to pay for the water right (column 17 divided by column 15).
- 17. Ontario Drain Tunnel Water Cost:** Total of Sandy City's special assessment to pay for the water right. This cost was funded with the 2005 bonds so the cost for this column is not included in the calculation of total expenses (the cost is part of the 2012A bonds which refunded the 2005 bonds; see column 19).
- 18. Synthetically Fixed \$58.8 M (2011A):** Principal, interest, and management costs for synthetically fixed rate debt (swap and direct purchase). The current direct purchase (variable rate debt) with Wells Fargo expires in FY 2021. The current terms of the direct purchase are at a rate of 67% of LIBOR plus 60 basis points. The variable rate debt is "swapped" into a synthetically fixed rate. The synthetically fixed rate is at 3.182%. With current management costs included, the current effective rate is 3.782%. The swap is based on a principal amount of \$58,800,000. The termination date of the swap and the final payout date of the variable rate debt are the same date (July 1, 2036).
- 19. 2012A:** Fixed rate debt; all-in interest rate of 2.978%. Original principal amount of \$46,170,000.
- 20. 2012B:** Fixed rate debt; all-in interest rate of 1.776%. Original principal amount of \$12,105,000.
- 21. 2015A:** Fixed rate debt; all-in interest rate of 2.71%. Original principal amount of \$5,975,000.
- 22. 2016A:** Fixed rate debt; all-in interest rate of 2.25%. Original principal amount of \$59,200,000.
- 23. 2019:** Fixed rate debt; all-in interest rate of 3.72%. Original principal amount of \$47,135,000.

- 24. Total Debt Payments:** Sum of debt service columns.
- 25. Debt Coverage Ratio:** This is the calculated debt coverage ratio. The minimum required by contract is 1.15 with a policy goal of 1.25.
- 26. Deer Creek Safety of Dams Repayment:** Actual MWDSLS share of payment to United States Bureau of Reclamation for Deer Creek Safety of Dams repayment. This repayment is being made to the Bureau of Reclamation at 0.00% interest.
- 27. Provo River Project (Deer Creek Division) Construction Repayment:** Actual MWDSLS share of payment to United States Bureau of Reclamation for Provo River Project (Deer Creek Division) repayment. This repayment is being made to the Bureau of Reclamation at 0.00% interest.
- 28. Provo River Aqueduct (BOWR or Board of Water Resources) Repayment:** Actual MWDSLS share of payment to the BOWR for the enclosure costs of the Provo River Aqueduct. This repayment is being made to BOWR at 4.00% interest.
- 29. Provo River Aqueduct (BAF or Bank of American Fork) Repayment:** Actual MWDSLS share of payment to the BAF for the enclosure costs of the Provo River Aqueduct. The FY 2019 payment will be MWDSLS' final payment.
- 30. PRWUA Assessment (O&M and capital):** FY 2020 is forecasted at \$23.44 per share for 61,900 shares. From FY 2021 through FY 2045, an additional \$1.8 million assessment is included for replacement of the Deer Creek Dam intake structure and related guard gates. Based on a 5-year average, a 2.67% increase to regular O&M and capital assessments is assumed for future years.
- 31. Provo River Aqueduct O&M by PRWUA:** MWDSLS is assessed by PRWUA for services to operate and maintain the Provo River Aqueduct. Operations costs are assessed based on the volume of water used each year. Maintenance costs are assessed based on the pro-rata share of capacity (187 cfs out of 626 cfs). Based on an 11-year average, a 2.41% increase is assumed for future years.
- 32. Deer Creek Intake Station O&M by PRWUA:** MWDSLS reimburses PRWUA for services to operate the Salt Lake Aqueduct Intake at Deer Creek Dam. MWDSLS pays roughly one-third of the costs to operate this station. PRWUA (operation of Deer Creek Dam) and the Bureau of Reclamation (operation of the power plant) share in the remaining two-thirds of the costs. Based on an 10-year average, a 1.83% increase is assumed for future years.
- 33. Total PRWUA Costs:** The sum of columns 26 through 32. These costs are budgeted together in order to be consistent with recommendations made by financial auditors. Due to the nature of the ownership interest in PRWUA and in accordance with governmental accounting standards, the District's investment in PRWUA is accounted for using the "equity method." Budgeting all of the costs in one account code provides for a more straightforward approach to the financial audit.
- 34. Total MWDSLS PRWUA Shares:** 61,900 shares.

- 35. PRWUA Water Supply Allocation:** The assumed percentage of PRWUA water available to MWDSLs. Since Jordanelle Reservoir was constructed, the allocation has ranged from 43.5% to 100%.
- 36. PRWUA Water Supply Volume Available to MWDSLs:** 61,900 acre feet at full allocation.
- 37. PRWUA Water Supply Unit Cost:** Column 33 divided by column 36 (\$/acre foot).
- 38. CUP M&I System Water Petition Repayment Volume:** 20,000 acre feet. In FY 2045, the first allotment of the 40-year repayment periods begins to be paid off and the amounts for allotment notices will step down by 4,000 acre feet each year thereafter. After FY 2048, the costs are OM&R costs only.
- 39. CUP M&I System Petition Repayment Unit Cost:** The annual petition repayment cost of CUP M&I system water is \$148.56 per acre foot.
- 40. CUP M&I System Petition Repayment Total Cost:** The annual petition repayment cost of CUP M&I system water.
- 41. CUP Utah Lake System (ULS) Water Petition Repayment Volume:** MWDSLs's petition is for 5600 acre feet. This is a reduction of 3000 acre feet from the original petition amount of 8600 acre feet. The reduction is a result of the agreements related to the Provo River Aqueduct. Deliveries and repayment obligations are assumed to begin as early as FY 2021. Considering potential deferrals, the delivery and repayment obligations for 3100 acre feet per year will likely begin in FY 2024, with an additional 2500 acre feet per year in FY 2026. The repayment will continue until FY 2070. The following years will be OM&R costs only.
- 42. CUP ULS Petition Repayment Unit Cost:** Based on 47-year and 45-year amortizations, and updated Engineering News Record Construction Cost Index (ENR CCI) calculations, the estimated annual petition repayment is \$293.49 per acre foot (beginning in FY 2024) and \$296.52 per acre foot (beginning in FY 2026).
- 43. CUP ULS Petition Repayment Total Cost:** The annual petition repayment cost of CUP ULS water.
- 44. Non-capacity Capital Expenditures:** Capital expenditures estimated based on current asset management projections.
- 45. Capital Expenditures for Jordan Aqueduct System:** Numbers are based on 10-year projections received from Jordan Valley Water Conservancy District. For years starting with FY 2030, costs are based on the average of the prior years. Thereafter, the amount is escalated at a 2.04% increase each year based on the forecasted average increase for the 10-year projection. The 18-year historical average is 12.31% annually.
- 46. New Capacity Capital Expenditures:** The expenses shown reflect the expenses related to aquifer storage and recovery, the 150<sup>th</sup> South Pump Station, and/or the (potential) repayment to Central Utah Water Conservancy District for activity related to the Metro Water Project.

The timing of these projects is uncertain but the current estimated timing is shown. Any expenses will be offset by revenues from assessments to the member cities (see column 72).

**47. Total Capital Expenditures:** Sum of capital expenditures columns.

**48. Total Expenses (i.e., Revenue Requirements):** Sum of columns 14, 24, 33, and 47.

**49. Salt Lake City Taxes:** Revenue projections are shown to remain constant. These numbers include prior year tax collections and fees in lieu of taxes. The tax year 2018 certified rate for Salt Lake City is 0.000302. The maximum certified rate that the District is allowed to establish is 0.0005.

**50. Sandy City Taxes:** Revenue projections are shown to remain constant. These numbers include prior year tax collections and fees in lieu of taxes. The tax year 2018 certified rate for Sandy City is 0.000325. The maximum certified rate that the District is allowed to establish is 0.0005.

**51. Total MWDSLS Taxes:** Sum of tax columns.

**52. Total Water Sales to Member Cities (fixed rate):** A fixed charge for water use is levied to the member cities on a monthly basis.

**53. Proposed Water Rate Increase:** Percent increase applied to prior fiscal year fixed charge after FY 2020 and other rates (treatment charge, conveyance charge, etc.).

**54. Water Sales to Salt Lake City (fixed rate):** Salt Lake City water sales and conveyance fees. This is based on the pro-rata split of column 52 based on historic water deliveries to Salt Lake City and Sandy City. Salt Lake City's pro-rata share is currently 72%.

**55. Estimated Water Sales to Salt Lake City (AF):** The September 2006 Supply and Demand Study indicated that Salt Lake City would be purchasing 65,000 acre feet annually by FY 2015. Based on successful conservation efforts, this level of purchases has been delayed until FY 2050 with the transition between current demands and projected demands in FY 2050 being evenly prorated over the years between now and FY 2050.

**56. Water Sales to Sandy City (fixed rate):** Sandy City water sales and conveyance fees. This is based on the pro-rata split of column 52 based on historic water deliveries to Salt Lake City and Sandy City. Sandy City's pro-rata share is currently 28%.

**57. Estimated Water Sales to Sandy City (AF):** The September 2006 Supply and Demand Study indicated that Sandy City would be purchasing 12,200 acre feet annually by FY 2015. This level of purchases has been delayed until FY 2050 with the transition between current demands and projected demands in FY 2050 being evenly prorated over the years between now and FY 2050.

**58. Total Water Sales Volume to Member Cities:** Total volume of water sales to member cities.

**59. Treated Water Rate:** Water rates are as shown in the table. The rates escalate as shown in column 53.

- 60. Conveyance Fee:** Rate (\$/AF) to convey water in District pipeline facilities. Rates for FY 2020 escalate as shown in column 53.
- 61. Non-member Entity Water Volume (AF):** The average of the prior three fiscal years is 1120 acre feet of treatment and conveyance charges to Jordan Valley Water Conservancy District. This revenue is obtained on the basis of surplus capacity being available. Sales are shown for the next fiscal year based on currently available system capacities. Due to the uncertainty of future utilization of system capacity, sales in future years are not anticipated and will be evaluated on a year-to-year basis. Revenues received for treating and conveying water for others is utilized to offset related operational and maintenance costs. Untreated water sales to other entities are made on the basis of surplus supplies and capacity being available. The rate for untreated water for FY 2020 escalates as shown in column 53. The raw water rate charge is the same for both member and non-member entities. Due to the uncertainty of future water supplies and available capacity, sales in future years are not anticipated and will be evaluated on a year-to-year basis. Any revenues from sales of this nature are placed in a reserve to fund future projects related to aquifer, storage, and recovery (ASR).
- 62. Water Conveyance for Others (AF):** Non-District raw water that is conveyed through District pipelines but not treated by the District (e.g., DACRWTP (CUWCD), Highland Conservation District (for Alpine Country Club), Southeast Regional Water Treatment Plant (JVWCD)). The average of the prior three fiscal years is 9357 acre feet. These sales are made on the basis of surplus capacity being available. Sales are shown for the next fiscal year based on currently available system capacities. Due to the uncertainty of future utilization of system capacity, sales in future years are not anticipated and will be evaluated on a year-to-year basis.
- 63. Non-member Entity Total Water Sales and Conveyance Revenue:** Total non-member entity revenue amount for water sales and conveyance charges.
- 64. Jordanelle Special Services District Use of Ontario Drain Tunnel Water:** Estimated volume of water to be used by JSSD as per agreement. The ten-year average yield of ODT is 3189 AF.
- 65. Jordanelle Special Services District Water Rate:** Revenue is anticipated from JSSD as shown on the spreadsheet and is based on agreements (as amended) with JSSD. Any revenues received by the District will be passed on to Sandy City in the form of a credit to their ODT assessment.
- 66. Revenue from ODT Water:** Anticipated revenue from JSSD.
- 67. Total Water Sales/Conveyance Revenue:** Sum of water sales revenues.
- 68. Revenue increase (%):** The calculated increase of total revenues. The calculation is based on dollar amounts only and does not reflect the actual volume of water forecasted for use.
- 69. Salt Lake City Metro Water Project Capital Assessment:** Assessment to pay for Salt Lake City's portion of the Metro Water Project. Based on Salt Lake City's share of capacity in the Point of the Mountain Water Treatment Plant, Point of the Mountain Aqueduct, and

improvements to Little Cottonwood Water Treatment Plant. Based on numbers presented to member cities and MWDSL board in February 2001.

**70. Sandy City Metro Water Project Capital Assessment:** Assessment to pay for Sandy City's portion of the Metro Water Project. Based on Sandy City's share of capacity in the Point of the Mountain Water Treatment Plant, Point of the Mountain Aqueduct, and improvements to Little Cottonwood Water Treatment Plant. Based on numbers presented to member cities and MWDSL board in February 2001.

**71. Sandy City Ontario Drain Tunnel Water Assessment:** Assessment to Sandy City to pay for Ontario Drain Tunnel water right purchase. The assessment is reduced by the annual revenue received from the ODT water sales to JSSD. The net amount is shown in this column. The assessment ends in 2031. The assessment turns to a negative amount as the JSSD revenues exceed the Ontario Drain Tunnel assessment. This means Sandy City will be credited on its water billings in the amounts shown as negative numbers in this column.

**72. New Capacity Assessments:** Assessments for new capacity projects.

**73. Utah Lake System Water Assessments to Member Cities:** Assumed assessments to Salt Lake City and Sandy City to pay for expected Utah Lake System water beginning in FY 2024. See column 43.

**74. Total Assessments:** Sum of assessments columns.

**75. Little Dell Revenues:** Revenues received from Salt Lake County for operation and maintenance expenses performed by Salt Lake City Public Utilities at Little Dell Dam. Pursuant to a 1986 agreement, Salt Lake County is responsible for 30% of the O&M costs of Little Dell.

**76. Point of the Mountain Water Treatment Plant (POMWTP) Storage Revenues:** Revenues received from Jordan Valley Water Conservancy District for reimbursement of operation and maintenance of the POMWTP finished water storage reservoir. This is based on the Facilities Cooperation Agreement dated October 4, 2007.

**77. Terminal Reservoir Cell Tower Revenues:** Revenue from lease of property for a cell tower located at Terminal Reservoir. This is based on an agreement with Crown Castle (originally T-Mobile) first established in May 2007. The agreement has been extended with an expiration date of March 2030.

**78. Little Cottonwood Water Treatment Plant (LCWTP) Cell Tower Revenues:** Revenue from lease of property for a cell tower located at LCWTP. This is based on an agreement with American Tower (originally Verizon Wireless) first established on January 31, 2013. The agreement expires in 2033. According to the agreement, the annual rate increases every five years.

**79. Other Miscellaneous Revenues:** Licensing program fees (if any), vehicle sales (if any), grants (if any), and other miscellaneous revenues.

**80. Total Miscellaneous Revenues:** Sum of miscellaneous revenues.

**81. Operations and Maintenance Reserve Account Interest Income:** Calculated at 2.5% per annum. The 12-month average for the Public Treasurers Investment Pool is 2.5449%.

**82. Total Revenues:** Sum of revenue columns.

**83. Net Cash Flow:** Total revenues, column 82, minus total expenses, column 48.

**84. Total Available Reserves:** FY 2019 amount is determined by current balances in the bank and the bond fund accounts as of January 31, 2019, projected revenues expected to be received by year end, less outstanding checks, retention (if any), projected expenses to occur by year end, and remaining capital expenditures. Other years are a summation of the prior year plus column 83 for the current year.

**85. Required Operations and Maintenance Reserve Account Balance:** The Master Bond Resolution requires (see section 5.05(f)) an O&M reserve fund balance of 25% of the O&M costs of the current annual budget (25% of column 14). This reserve is not shown in years after the bonds are paid.

**86. Required Renewal and Replacement Reserve Fund:** The Master Bond Resolution requires (see definition in section 1.01) a capital projects reserve of \$650,000. This reserve is not shown in years after the bonds are paid.

**87. Jordan Aqueduct Reserve Account:** Established via agreement (interest bearing).

**88. JVVWTP Operations and Maintenance Reserve:** Established via agreement (not interest bearing).

**89. 150<sup>th</sup> South Pipeline Agreement:** Established via agreement (interest bearing).

**90. Total Restricted Reserves:** Sum of columns 85-89.

**91. Total Reserves Available to be Assigned:** Total available reserves less total restricted reserves.

**92. Capital Projects Reserve:** Goal of 15-25% (formula uses 20%) of the sum of the next five years in capital expenditures. Only non-capacity capital improvements and Jordan Aqueduct System capital improvements are included in this column. CUP water supply acquisition costs, Provo River Project costs, and capacity capital improvement costs are not included in this calculation.

**93. Self Insurance/Contingency Reserve:** Goal of \$2,000,000 as established by District policy.

**94. Interest Rate Stabilization Reserve:** Established by policy and in order to mitigate interest rate risk, this reserve has been accumulated via lower than forecasted variable rate debt. This reserve will remain static due the refunding of bonds that closed on March 1, 2012. This reserve is not shown in years after the bonds are paid.

**95. Aquifer Storage and Recovery (ASR) Reserve:** Established by policy in order to set aside funds for implementation of an ASR project. Any revenues from sales of surplus water

combined with costs savings resulting from operations of the Jordan Narrows turbine will be directed to this reserve fund.

**96. Total Assigned Reserves:** Sum of columns 92-95.

**97. Remaining Unassigned Reserves:** Remaining reserves (if any).

## Budget Schedule

## Fiscal Year 2020 Budget Schedule

Last Updated: March 26, 2019

- **December 1, 2018** – Deadline for submitting capital improvement projects to Assistant General Manager/Engineering and Maintenance Manager.
- **January 3, 2019** – Capital budget requests submitted to General Manager
- **January 10** – Discuss budget process and schedule with managers.
- **January 22** – Provide electronic budget forms to General Manager/Managers
- **February 5** – Engineering Committee Meeting (10:00 AM; preliminary discussion related to capital budget).
- **February 7** – Department budget presentations at staff meeting.
- **February 14** – Deadline for draft budget numbers to be submitted by managers to GM
- **February 28** – Budget discussion with managers at staff meeting.
- **March 5** – Management Advisory Committee Meeting (8:30 AM; preliminary discussion related to staffing and compensation schedule).
- **March 25** – Work session – budget discussion
- **April 2** – Finance Committee Meeting (10:00 AM) - (P&P 3-629(1) “On or before the first regularly scheduled meeting of the Board in May, the GM shall consult with the Finance Committee and prepare a tentative operating and capital budget for the ensuing fiscal year.”
- **April 15** – Board Meeting-consider adoption of the tentative budget.
- **April 30** – Engineering Committee Meeting (10:00 AM; discussion related to capital budget).
- **May 6** – First publication of notice of the public hearing (black border notice “at least 7 days prior to the hearing” (see P&P 3-629(3) and/or 3-643). A fee increase is anticipated but an increase in certified tax rate is not anticipated.
- **May 13** - Deadline for publishing second notice of budget hearing (if applicable; an increase in the certified tax rate is not anticipated); see Utah Code Ann. 59-2-918 and 919).
- **May XX**– Presentation to the Salt Lake City Council (time TBD; Salt Lake City Hall).
- **May XX**- Presentation to the Sandy City Council (time TBD; Sandy City Hall).
- **May 20** – Board Meeting – Tentative budget public hearing (6:00 P.M.).
- **June 4** – Management Advisory and Finance Committee Meetings.
- **June 17** – Board Meeting - Budget adoption (subject to certified tax rate public hearing if tax rate increase is proposed; currently not anticipated).
- **June 22** – Utah Code 59-2-924 5a “On or before June 22, each taxing entity shall annually adopt a tentative budget.” Deadline for submission of the proposed tax rate (Utah Code 59-2-912)
- **July 18** – Deadline for submitting copy of the final budget to the State Auditor (required within 30 days of budget adoption- P&P 3-629(7))
- **August 12** – Public hearing for tax increase; an increase in the certified tax rate is not anticipated—hearing likely will not be held. (If held incorporate proper notices and reporting deadlines).

**Staffing and Compensation Schedule**

## **Staffing and Compensation Schedule**

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### **How the District's budget differs from the Member Cities**

- The District checks the various sources to ensure the District is in line with the market, e.g., Consumer Price Index, World at Work, Tech Net, and other related sources.
- When setting the increases, a comparison is made with the two member cities as well as with other local water districts.
- SLC being self-insured can add medical benefits the District cannot competitively match due to the difference in the number of employees; therefore, the District focuses on other things that are fair.
- The District believes in giving merit increases and tying COLA to merit; a 1% merit increase, represents about \$44,000 (based on FY2020 budget for salaries and wages, less payroll taxes).
- Ultimately, we are governed as separate entities and each Board or City Council must do what they think is in the best interest of their employees.

### **I. Staffing Levels**

The chart below reflects the historical and projected staffing levels.

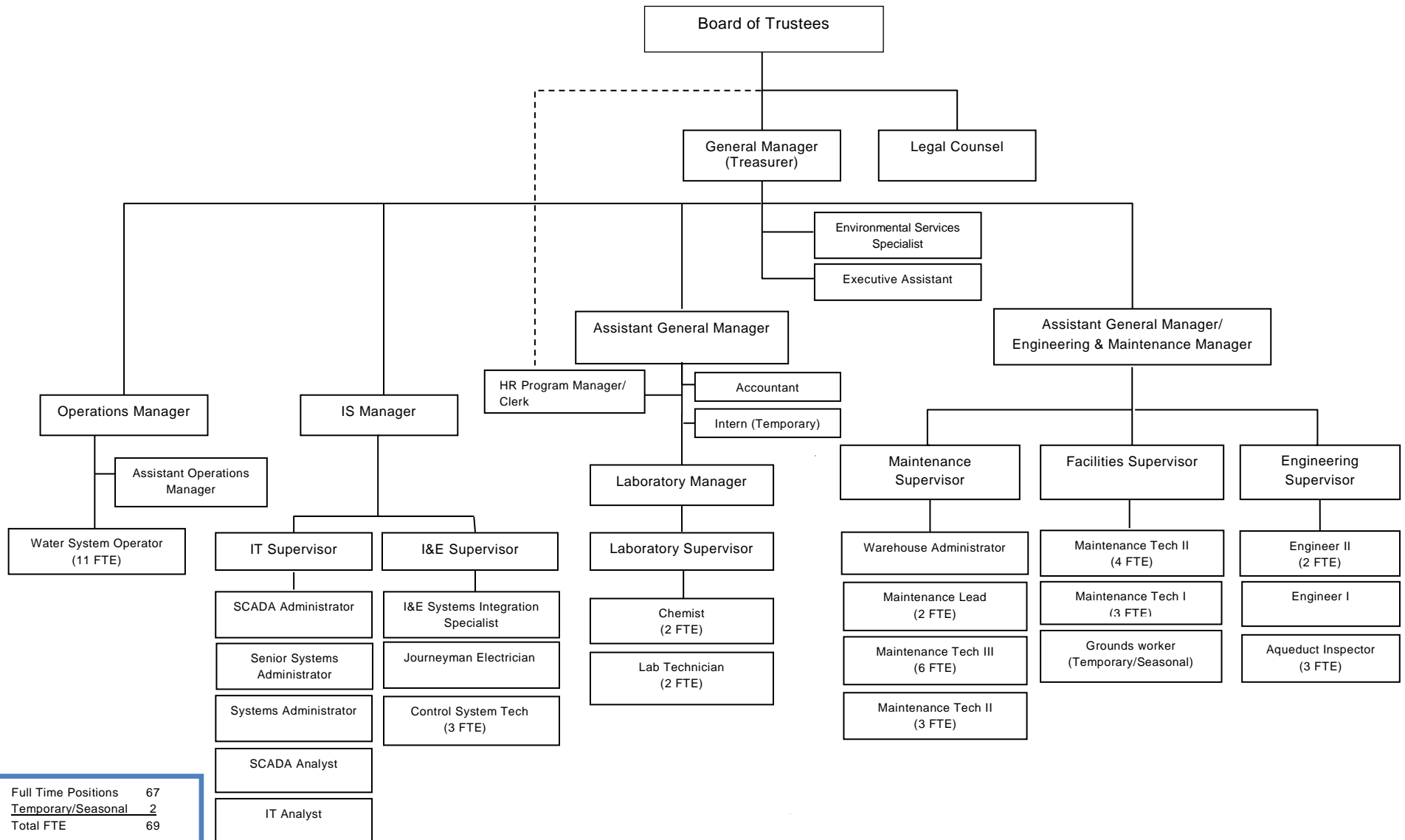
<b>Department</b>	<b>Cost Center</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>
Administrative	10	6	6	6
Information Services (IS)	24	12	13	13
Lab	50	6	6	6
Operations	22	12	13	12
Engineering & Maintenance	23 & 25	29	29	29
Temporary Intern	10	1	1	1
Seasonal Grounds worker	23	1	1	1
<b>Totals</b>		<b>67</b>	<b>69</b>	<b>68</b>

The projected staffing levels in FY20 include an increase to 13 FTEs in the Operations Department. The extra Water System Operator will be needed to address succession planning purposes for one anticipated retirement in 2021.

During the March 25, 2019 board meeting, the board approved an increase of one FTE in the Information Services Department. The additional Systems Administrator will help address the current staffing needs as well as the growing IT needs of the District.

The following organizational chart (Attachment A) represents the proposed staffing levels.

Metropolitan Water District of Salt Lake & Sandy  
Proposed Organizational Chart Fiscal Year 2020



## **Staffing and Compensation Schedule**

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### **II. Benefits**

The District provides employees with the following benefits package:

- Medical and Dental Insurance
- Health Savings Accounts
- Flex Spending Accounts
- Employee Wellness Program
- Life Insurance, Accidental Death and Dismemberment, Long Term Disability, and Long Term Care
- EAP (Employee Assistance Program)
- Retirement Program (Utah Retirement Systems or URS)
- 401(k), 457, and Roth Retirement Savings Plans and Matching Program (via URS)
- Paid Sick, Vacation, and Personal Leave
- Educational Assistance

The District is a member of the Utah Retirement Systems. The District's contribution rate is set by the URS. Since July of 2014 the Tier I contribution rate is 18.47% and the Tier II contribution rate is 16.69%.

The following table (Attachment B) reflects calendar year 2019 current District benefit facts with projections for FY20.

## Attachment B

### District Benefit Facts

Medical Insurance Premiums	95% of Premium	Enrolled	Total	Monthly Medical Total
Single	\$ 549.93	12	\$ 6,599.12	
Employee plus spouse	\$ 1,154.82	15	\$ 17,322.30	
Employee plus child(ren)	\$ 1,044.85	5	\$ 5,224.24	
Family	\$ 1,649.79	31	\$ 51,143.46	
Open Positions	\$ 1,649.79	2	\$ 3,299.58	
Water System Operator	\$ 549.93	1	\$ 549.93	
Systems Administrator	\$ 1,649.79	1	\$ 1,649.79	
67				\$ 85,788.41
Health Savings Account	Contribution	Enrolled	Total	Monthly H.S.A. Total
Individual	\$ 158.58	12	\$ 1,902.96	
Family (includes double)	\$ 353.25	51	\$ 18,015.75	
Open Positions	\$ 353.25	2	\$ 706.50	
Water System Operator	\$ 158.58	1	\$ 158.58	
Systems Administrator	\$ 353.25	1	\$ 353.25	
Health Savings Admin Fee	\$ 110.00	1	\$ 110.00	
67				\$ 21,247.04
Dental Insurance Premiums	Premium	Enrolled	Total	Monthly Dental Total
Single	\$ 27.32	12	\$ 327.84	
Employee plus spouse	\$ 54.17	15	\$ 812.55	
Employee plus child(ren)	\$ 69.78	4	\$ 279.12	
Family	\$ 105.84	32	\$ 3,386.88	
Open Positions	\$ 105.84	2	\$ 211.68	
Water System Operator	\$ 27.32	1	\$ 27.32	
Systems Administrator	\$ 105.84	1	\$ 105.84	
67				\$ 5,151.23
Life Insurance, AD&D, LTC, LTD	Premium	Enrolled	Total	Monthly Other Insurance Total
Basic Life (\$50,000)	\$ 9.90	67	\$ 663.30	
Basic Life (\$10,000 spouse;\$2,500 dependents)	\$ 2.39	53	\$ 126.67	
Basic AD&D (\$250,000)	\$ 8.75	67	\$ 586.25	
Long-term care (average amount)	\$ 7.18	67	\$ 481.06	
Long-term disability (average amount)	\$ 21.00	67	\$ 1,407.00	
				\$ 3,264.28
Totals				
Calendar Year 2019 Monthly Totals Medical/HSA/Dental/Other				\$ 115,450.96
Calendar Year 2019 Total Medical/HSA/Dental/Other/Participatory Wellness Program				\$ 1,418,911.53
Calendar Year 2020 estimated increases				
Medical: estimated FY 2020 total increase based on 10% increase on 1/1/20 and 95/5 premium share				\$ 51,473.05
Dental: estimated FY 2019 total increase based on 6% increase on 1/1/20				\$ 1,854.44
Other: estimated FY 2019 total increase based on 3% increase on 1/1/20				\$ 587.57
FY2020 Estimated Budget				\$ 1,472,827
Percent increase over prior fiscal year				3.80%

#### Participatory Wellness Program

Contribution amounts to the Health Savings Account are based on the assumption that the employee will participate in the Participatory Wellness Program (PWP). The PWP provides a reward for participation and is available without regard to an employee's health status. Employees who participate in the PWP would receive \$500 in their Health Savings Account in 2020. The PWP requirements are as follows:

Employee completes three of the following: flu shot, preventative exam & lab work with personal physician, biometric screening, health risk assessment, attend wellness Lunch N' Learn, and participate in Wellness Challenge before November 22, 2019.

\*Biometric screenings can be obtained through personal physician, by participation during an on-site screening, or at a designated lab.

\*The Health Risk Assessment is completed through the medical carrier's website.

## **Staffing and Compensation Schedule**

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### **III. Job Grades & Salary Ranges**

The attached job grades and salary ranges sheet (Attachment C) incorporates a traditional pay structure with District positions. This sheet reflects proposed changes to job grades for two positions. Based on a market pay analysis, the District is proposing to move the Aqueduct Inspector to job grade 6 in the pay structure and to move the Systems Administrator position to grade 8 in the pay structure.

The District is proposing to convert an Engineer I position to an Engineer II position. This conversion will not increase the number of FTEs.

The District is proposing three new position titles: SCADA Analyst, SCADA Systems Administrator, and Senior Systems Administrator. These new positions do not represent an increase in FTEs but a change in position descriptions.

### **IV. Skill-Based Pay**

The District continues to support a skill-based pay program to allow for workforce flexibility and cross training. This program has been successful by encouraging employees to learn additional skills in order to increase their productivity and efficiency. Skill-based pay is given based upon increased knowledge, skill, and ability. Employees who participate in the skill based pay program receive their hourly wage and an additional skill-based pay for those skills they have successfully obtained.

As part of the FY20 budget the District is including \$23,400.00 in salary and wages to support the program. The program has been expanded to include compensation for employees receiving their CDL (Commercial Drivers License) and for employees who are proficient at welding.

**PROPOSED JOB GRADES AND SALARY RANGES**  
**FISCAL YEAR 2020**  
**TRADITIONAL PAY STRUCTURE**

<u>Grade</u>	<u>Position Description</u>	<u>Range Spread</u>	<u>Grade Increment</u>	<u>E/NE</u>	<u>Hourly Salary Range</u>		
					<u>Annual Salary Range</u>		
					<u>Minimum</u>	<u>Midpoint</u>	<u>Maximum</u>
					11.75	12.93	14.10
1	Groundsworker	20%	15%	NE	24,440	26,894	29,328
					12.93	14.87	16.81
2	Intern	30%	15%	NE	26,894	30,930	34,965
					14.87	17.10	19.33
3	Maintenance Tech I	30%	15%	NE	30,930	35,568	40,206
					16.39	19.67	22.95
4	Maintenance Tech II	40%	15%	NE	34,091	40,914	47,736
					18.85	22.62	26.39
5	Aqueduct Inspector	40%	15%	NE	39,208	47,050	54,891
	Executive Assistant			NE	39,208	47,050	54,891
	Lab Technician			NE	39,208	47,050	54,891
	Maintenance Tech III			NE	39,208	47,050	54,891
					21.68	26.01	30.35
6	Control System Tech	40%	15%	NE	45,094	54,101	63,128
	Warehouse Administrator			NE	45,094	54,101	63,128
	Water System Operator			NE	45,094	54,101	63,128
	Maintenance Lead			NE	45,094	54,101	63,128
	Aqueduct Inspector			NE	45,094	54,101	63,128
					24.93	29.91	34.90
7	Chemist	40%	15%	E	51,854	62,213	72,592
	Information Technology Analyst			NE	51,854	62,213	72,592
	Journeyman Electrician			NE	51,854	62,213	72,592
	SCADA Analyst			NE	51,854	62,213	72,592
					28.67	34.40	40.14
8	Accountant	40%	15%	E	59,634	71,552	83,491
	Assistant Operations Manager			E	59,634	71,552	83,491
	Engineer I			E	59,634	71,552	83,491
	Facilities Supervisor			E	59,634	71,552	83,491
	Instrumentation & Electrical Supervisor			E	59,634	71,552	83,491
	Laboratory Supervisor			E	59,634	71,552	83,491
	Maintenance Supervisor			E	59,634	71,552	83,491
	Instrumentation & Electrical Systems Integration Specialist			NE	59,634	71,552	83,491
	Systems Administrator			E	59,634	71,552	83,491
					31.65	39.56	47.48
9	Engineer II	50%	15%	E	65,832	82,285	98,758
	Environmental Services Specialist			E	65,832	82,285	98,758
	Systems Administrator			E	65,832	82,285	98,758
	Senior Systems Administrator			E	65,832	82,285	98,758
	SCADA Systems Administrator			E	65,832	82,285	98,758
					36.39	45.49	54.59
10	Engineering Supervisor	50%	15%	E	75,691	94,619	113,547
	HR Program Manager/Clerk			E	75,691	94,619	113,547
	Information Technology Supervisor			E	75,691	94,619	113,547
					41.85	52.31	62.78
11	Information Services Manager	50%	15%	E	87,048	108,805	130,582
	Laboratory Manager			E	87,048	108,805	130,582
	Operations Manager			E	87,048	108,805	130,582
					48.13	60.16	72.20
12	Assistant General Manager	50%	15%	E	100,110	125,133	150,176
	Assistant General Manager/Engineering & Maintenance Manager			E	100,110	125,133	150,176
					55.34	69.18	83.01
13	General Manager	50%	15%	E	115,107	143,894	172,661

E = Exempt (salaried) / NE = Non-exempt (hourly)

## Staffing and Compensation Schedule

### V. Wage and Salary Statistics

The FY 2020 Budget includes a proposed 4% merit-based increase.

#### Fiscal Year 2020 Salary Review Comparison

Fiscal Year 2020 Salary Review Comparison				The FY20 budgeted increase details:		
Entity	FY18	FY19	FY20	Merit	COLA	Comment
Metropolitan Water District of Salt Lake & Sandy	4.00%	4.00%	<b>4.00%</b>	4.00%	N/A	Proposing
Salt Lake City Public Utilities	2.00%	3.00%	<b>3.00%</b>	N/A	3.00%	Proposing
Sandy City	3.00%	3.00%	<b>5.00%</b>	3.00%	2.00%	Proposing. The 2% is considered a market increase.
Provo River Water Users Association	3.00%	4.00%	<b>4.50%</b>	4.50%	0.00%	Approved
Jordan Valley Water Conservancy District	3.91%	4.15%	<b>3.20%</b>	3.20%	N/A	Proposing
Weber Basin Water Conservancy District	3.50%	4.30%	<b>4.50%</b>	2.00%	2.50%	Approved
Central Utah Water Conservancy District	3.50%	3.00%	<b>3.00%</b>	3.00%	N/A	Proposing
Average	3.27%	3.64%	<b>3.89%</b>	3.28%	1.88%	

#### Reference Information

##### Consumer Price Index

Source (Jan. 1 - Dec. 31, 2018)	
U.S. City Average (U.S. Bureau of Labor Statistics)	1.9%
West Region (AK, AZ, CA, CO HI, ID, MT, NV, NM, OR, UT, WA, WY)	3.1%

The Consumer Price Index measures change in prices paid by urban consumer for a representative basket of goods and services.

##### Employment Cost Index for wages and salaries

U. S. Bureau of Labor Statistics (Jan. 1 - Dec. 31, 2018)	
State and local government	2.4%
Mountain-Plains	3.4%

The Employment Cost Index is a measure in the change in the cost of labor.

##### 2019 Projected Salary Budget Increases

World at Work 45th Annual Salary Budget Survey	
All Employee Categories	3.2%

The projected Salary Budget Increases are a combination of General, COLA, Merit, and similar increases.

##### Salary Structure Adjustments

World at Work 45th Annual Salary Budget Survey	
All Employee Categories	2.1%

## **Staffing and Compensation Schedule**

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### **VI. Conclusion**

Based on the proposed position changes, 4% merit-based increase to wages, retirement increases, payroll tax increases, and projected increases to health, dental and other benefits, the total District budget increases by \$471,201. The various components are broken down as follows:

\$300,674	Salary & Wages
\$312	Overtime Premium
\$87,710	Medical Insurance Premiums (Health, Dental, Health Savings Account)
\$2,326	Other Insurance (Life, AD&D, LTD, Long Term Care)
\$21,988	Payroll Taxes
\$58,191	Utah Retirement

Based on the above, the net increase in personnel costs to the District is estimated to be 1.8% of the overall O&M Budget (excluding interest costs).

## **Resolution for Budget Approval**

## **Budget Acronyms**

## **Budget Acronyms**

Last update: March 25, 2019

AD&D: Accidental Death and Dismemberment	LOX: Liquid oxygen
AED: Automated electronic defibrillator	LTC: Long term care
AF: Acre Feet	LTD: Long term disability
ASR: Aquifer Storage and Recovery	M&I: municipal and industrial
APWA: American Public Works Association	MIB: methylisoborneol
AWWA: American Water Works Association	MG: million gallons
BAF: Bank of American Fork	MWDSLS: Metropolitan Water District of Salt Lake & Sandy
BOWR: Board of Water Resources	ODT: Ontario Drain Tunnel
CAD: Computer aided drafting	O&M: Operations and Maintenance
CDL: Commercial Drivers License	OM&R: Operation, Maintenance & Replacement
COLA: Cost of Living Adjustment	PC: Personal Computer
CIO: Chief Information Officer	PC/S: Process Control/SCADA
CUP: Central Utah Project	pH: Potential of hydrogen
CUWCD: Central Utah Water Conservancy District	PLC: Programmable Logic Controller
DC: Direct Current	POMWTP: Point of the Mountain Water Treatment Plant
DIDS: Direct Inbound Dialing	PPE: Personal Protection Equipment
DPD: N-diethyl-p-phenylenediamine	PRI: Primary Rate Interface
E&M: Engineering & Maintenance	PRWUA: Provo River Water Users Association
EAM: Enterprise Asset Management	PVC: poly vinyl chloride
FCC: Federal Communications Commission	PWP: Participatory wellness program
FAS: Fixed Asset Software	ROW: Right-of-way
FIS: Financial Information System	RTU: Remote Terminal Unit
FTE: Full-time Equivalent	SAN: Storage Area Network
FY: Fiscal Year	SCADA: Supervisory Control and Data Acquisition
GC: Gas chromatograph	SCS: Security Control System
GIS: Geographic Information System	SLCPU: Salt Lake City Public Utilities
GM: General Manager	SLA: Salt Lake Aqueduct
GRAMA: Government Records and Access Management	SLA/FW: Salt Lake Aqueduct finished water
HSA: Health Savings Account	TBD: to be determined
HMI: Human Machine Interface	THM: Trihalomethanes
HVAC: Heating, ventilation, and air conditioning	TOC: Total organic carbon
I&E: Instrumentation & Electrical	T-Chlor: Sodium Hypochlorite
IS: Information Services	TR: Jordan Aqueduct terminal reservoir
ISAC: Information Sharing and Analysis Center	UCAN: Utah Communication Agency Networks
ISP: Internet Service Provider	ULS: Utah Lake System
IT: Information Technology	UPS: Uninterruptible Power Supply
JA: Jordan Aqueduct	URS: Utah Retirement System
JNPS: Jordan Narrows Pump Station	UV: Ultraviolet
JSSD: Jordanelle Special Service District	UVWTP: Utah Valley Water Treatment Plant
JVWCD: Jordan Valley Water Conservancy District	UWUA: Utah Water Users Association
JVWTP: Jordan Valley Water Treatment Plant	VoIP: Voice-over Internet Protocol
LCWTP: Little Cottonwood Water Treatment Plant	WQTC: Water Quality Technology Conference
LED: Light-emitting diode	
LIMS: Laboratory information management system	